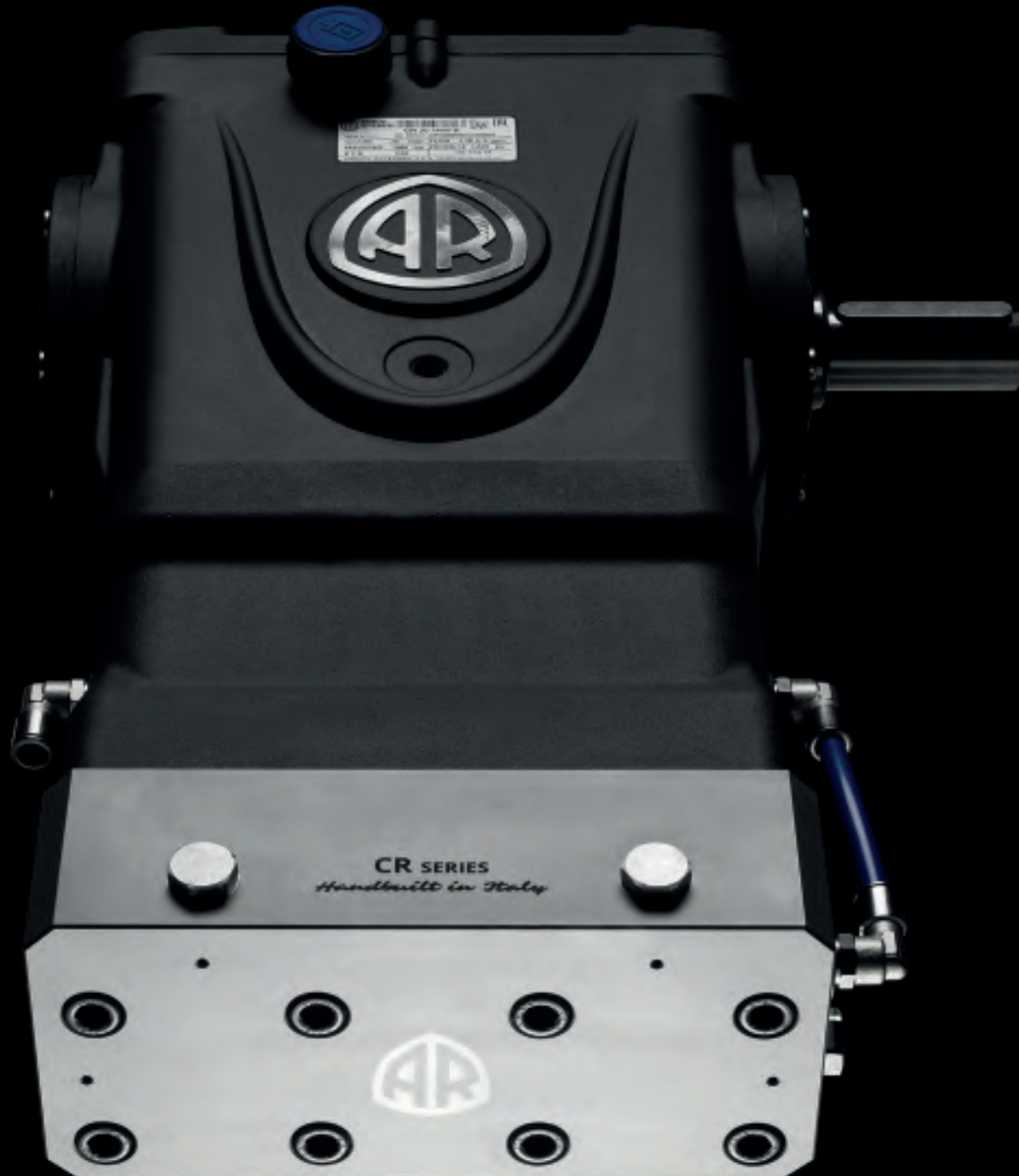




**ANNOVI  
REVERBERI**  
The Power of Experience



**ANNOVI  
REVERBERI**  
GROUP

**CATALOGO INDUSTRIAL  
DIVISION** *CATALOGUE*

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Un supermercato di Parigi, un autolavaggio di Los Angeles, un campo di grano a sud di Kiev: un'unica cosa in comune, un prodotto che deriva dal cuore dell'Italia, una pompa Annovi Reverberi.

Fondata nel 1958 da Corrado Reverberi, Annovi Reverberi è ancora oggi un'azienda italiana di famiglia, una realtà metalmeccanica fortemente legata al territorio, fatta di persone idee e progetti innovativi. Un esempio di imprenditoria italiana basata su esperienza, artigianalità e innovazione. Un marchio riconosciuto in tutto il mondo come simbolo di massima qualità e saper fare italiano.

Oltre 60 anni di storia che hanno visto il gruppo Annovi Reverberi crescere notevolmente e diventare protagonista in tre settori di riferimento: agricoltura con la produzione di pompe a membrana; industria attraverso il successo delle pompe a pistoncini AR e infine intorno agli anni '90 cleaning con lo sviluppo di idropulitrici e aspiratori.

*A supermarket in Paris, a car wash in Los Angeles, a wheat field south of Kiev: the same thing in common; a product from the heart of Italy, an Annovi Reverberi pump. Founded in 1958 by Corrado Reverberi, Annovi Reverberi is still an Italian family-owned company, a mechanical engineering reality strongly linked to the territory and made up of people, ideas and innovative projects. An example of Italian entrepreneurship based on experience, innovation and passion. A brand recognized all over the world as a symbol of top quality and Italian know-how. It's more than 60 year history that has seen the Annovi Reverberi group grow considerably and become a protagonist in three sectors of reference: agriculture with the production of diaphragm pumps; industry through the success of AR piston pumps and, finally, around the 90s, cleaning with the development of high-pressure washers and vacuum cleaners.*

## INDUSTRIAL DIVISION

Annovi Reverberi, leader nella personalizzazione di prodotto, negli anni è stata in grado di adattarsi alle richieste del singolo cliente sviluppando oltre 50 tipologie di pompe a pistoncini.

Ogni singolo prodotto marchiato AR viene realizzato seguendo processi produttivi che rispettano la norma ISO 9001:2015 e viene collaudato prima dell'invio al cliente.

Scegliere Annovi Reverberi significa affidarsi ad un marchio che è stato capace di affermare la propria credibilità nel corso del tempo. Con oltre il 75% del fatturato della divisione industria del Gruppo che deriva da esportazioni extra-UE oggi lo scudo AR è simbolo di tecnologia italiana in tutto il mondo.

## *Nata a Modena*

### Born in Modena

*Annovi Reverberi, leader in product personalization, over the years has been able to adapt its products to the needs of individual customers by developing over 50 types of piston pumps.*

*Every single AR branded product is created following production processes that comply with the ISO 9001: 2015 standard and is tested before being sent to the customer. Choosing Annovi Reverberi means relying on a brand that has been able to evolve and develop over time. Over 75% of AR's Industrial Division Sales turnover derives from exports outside the EU. Today the AR logo is a symbol of Italian technology all over the world.*

**SCAN  
ME!**





# PLUS

**Testa pompa in ottone forgiato con disegno per alta resistenza.**

*Forged brass pump head, designed for strength.*

**Valvole di aspirazione e mandata con passaggi acqua maggiorati.**

*Suction and delivery valves with larger water passages.*

**Pistoni in ceramica di grosso spessore per una maggiore durata.**

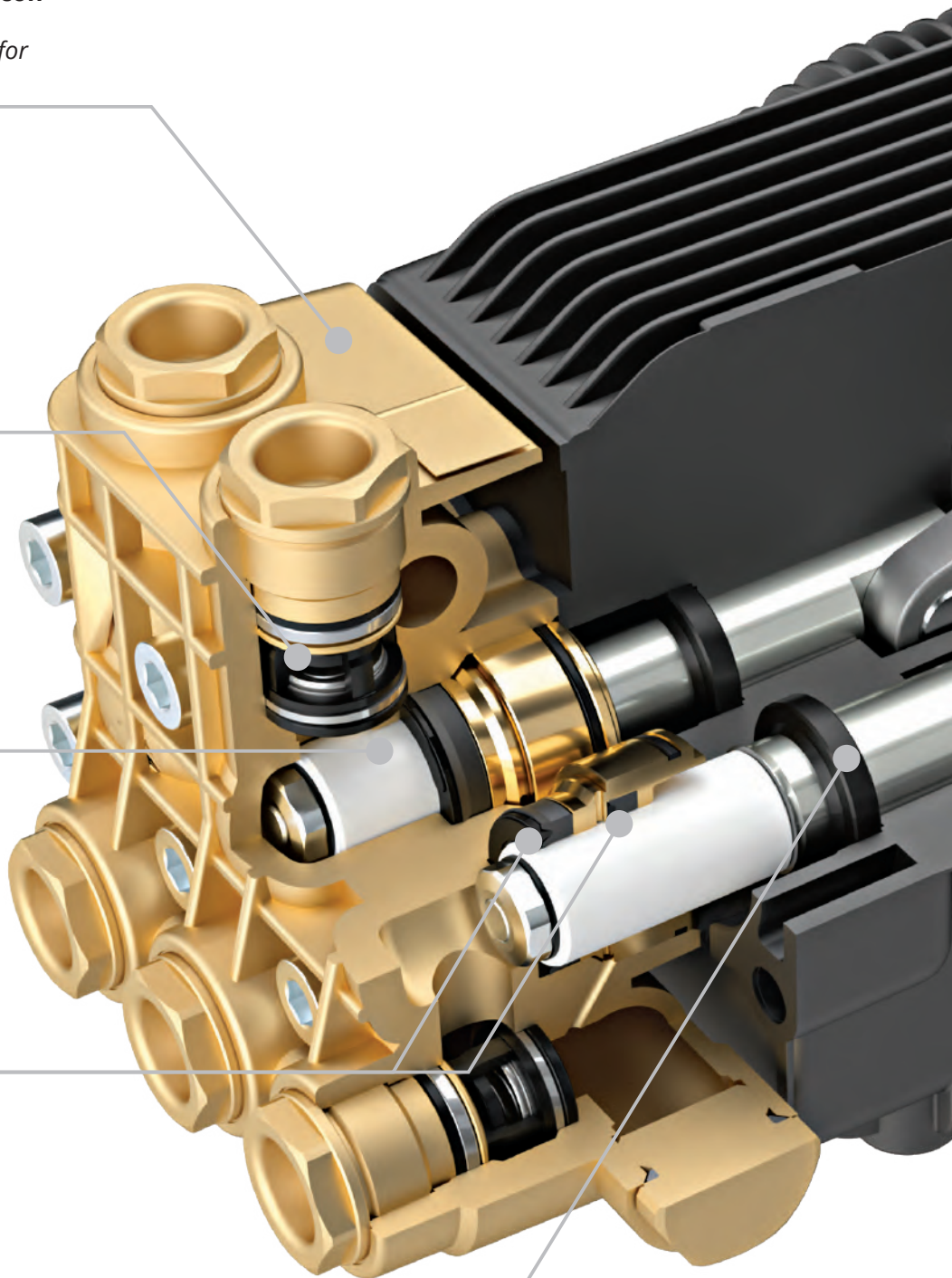
*Extra-thick ceramic plungers for greater durability.*

**Sistema di tenuta a doppia guarnizione.**

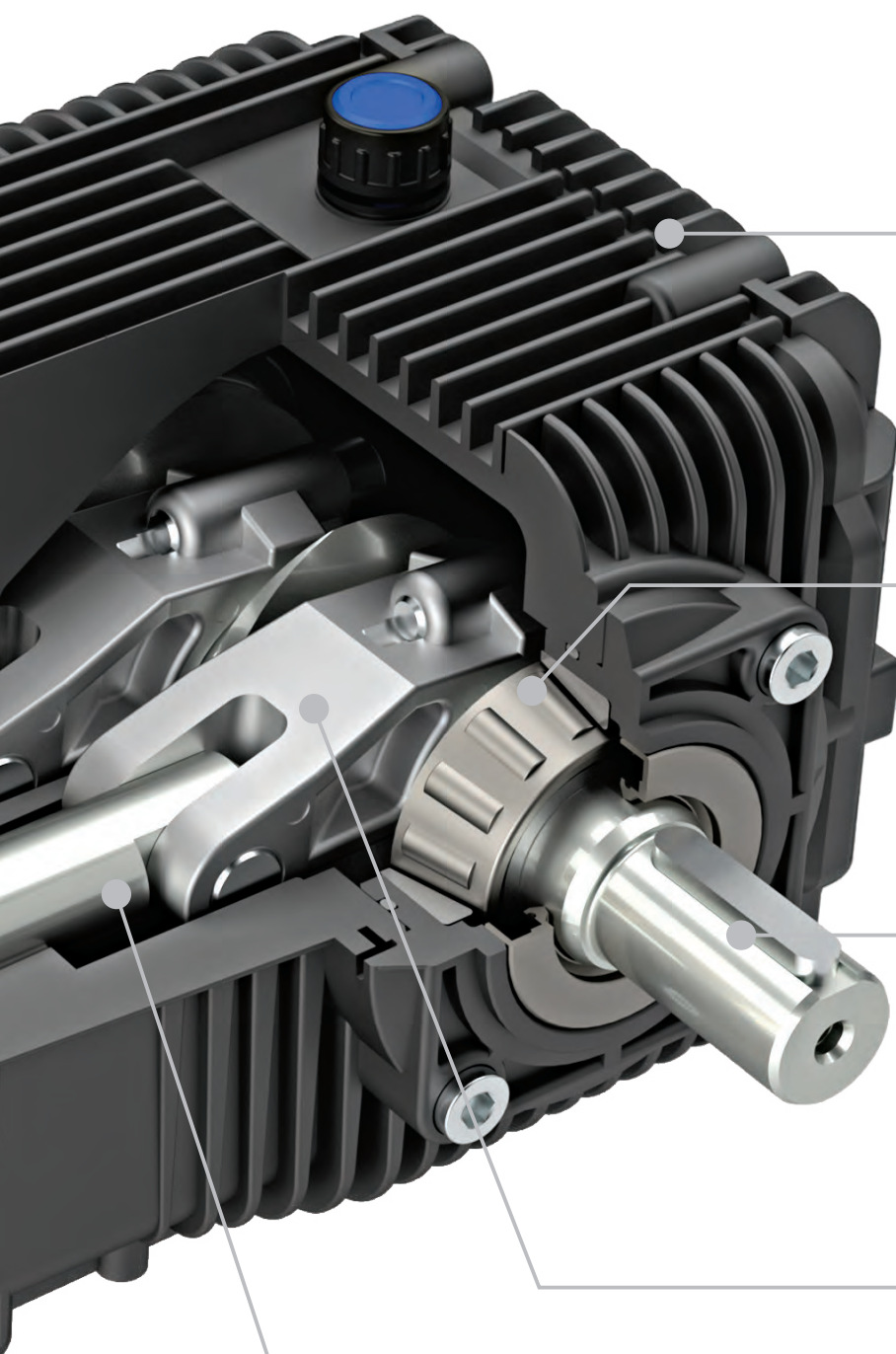
*Double gasket sealing system.*

**Anelli tenuta olio con doppio labbro.**

*Double lip oil seals.*







**Corpo pompa di disegno robusto e con elevata alettatura per un miglior smaltimento del calore.**

*Ruggedly designed crankcase with deep fins for better cooling.*

**Cuscinetti a rulli conici di qualità e sovradimensionati.**

*Top quality, oversized tapered roller bearings.*

**Albero sovradimensionato e con terminale lungo per una migliore trasmissione della coppia.**

*Oversized shaft with long end section for better torque transmission.*

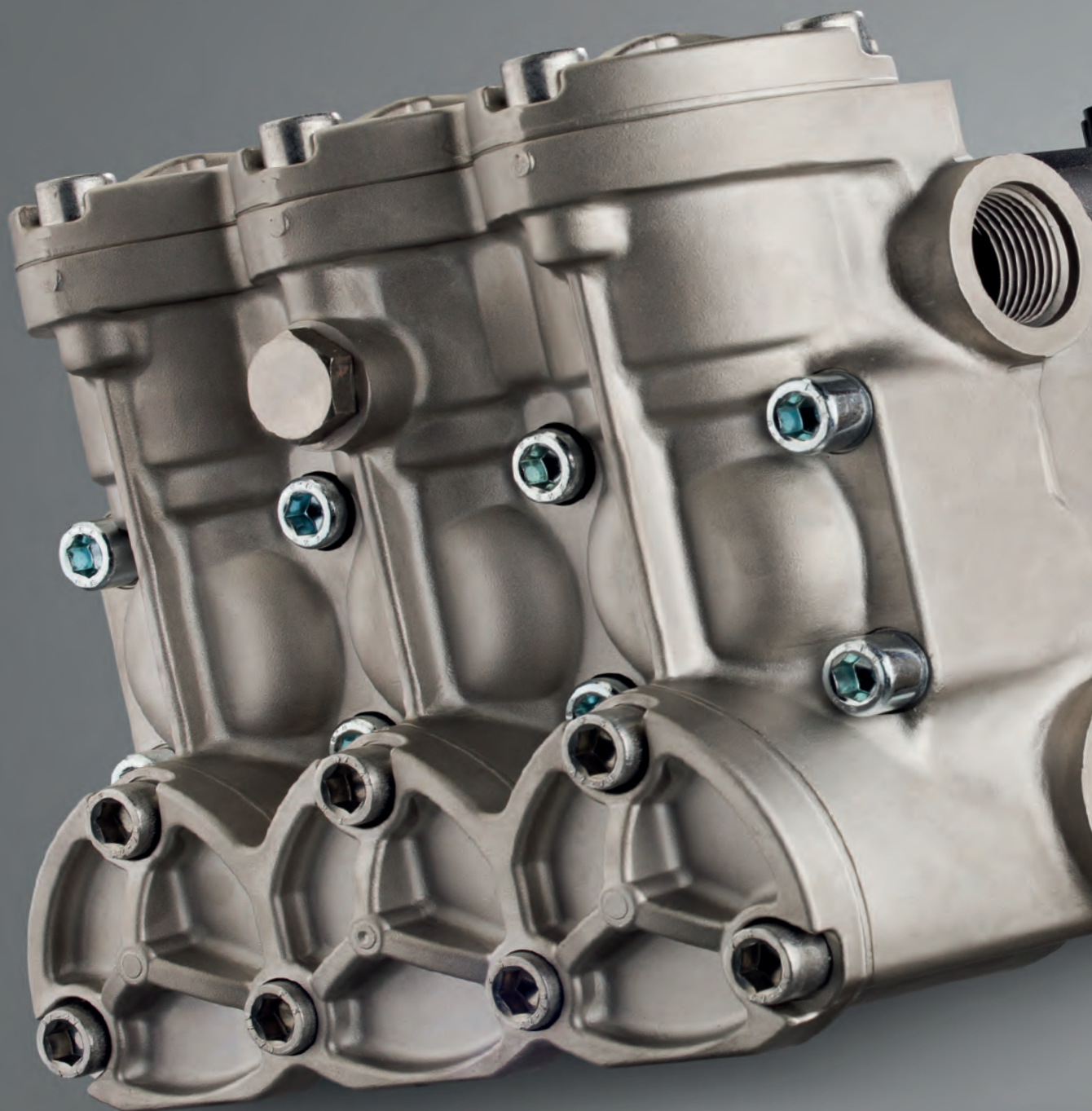
**Bielle sovradimensionate e realizzate con una speciale lega antifrizione.**

**Scomponibili in due parti per una migliore manutenzione.**

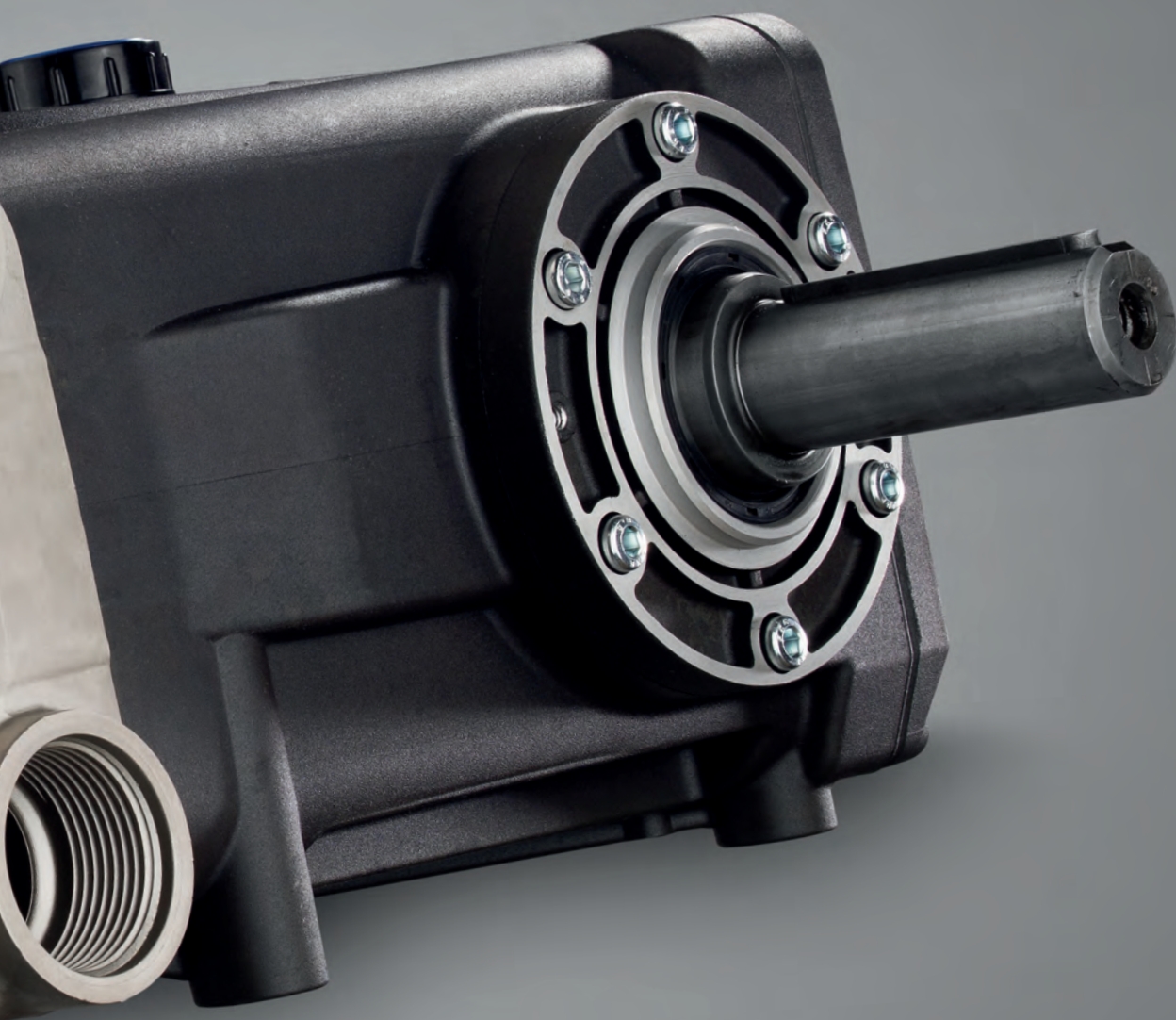
*Oversized connecting-rods in a special low-friction alloy. Split into two parts for easier maintenance.*

**Pistoni di guida sovradimensionati e rettificati per una riduzione dell'attrito durante lo scorrimento ed una migliore tenuta olio.**

*Oversized, piston guides for smoother stroke and better oil seal performance.*







**PER OGNI INDUSTRIA LA SUA  
POMPA A PISTONI**

L'attenzione per il dettaglio e componenti di altissima qualità lavorati direttamente in azienda sono stati gli ingredienti principali per sviluppare una gamma completa di pompe a pistoni caratterizzate da diverse prestazioni tecniche per garantire non solo il lavaggio ad acqua ma anche altre applicazioni come, ad esempio, misting, osmosi inversa e abbattimento polveri. Le pompe a pistoni AR sono compatte, sempre più silenziose, dotate di pistoni in ceramica per garantire una maggiore durata e necessitano una manutenzione minima data la loro affidabilità. Inoltre possono essere associate a diversi accessori e allestite con motori idraulici, a scoppio e elettrici tra cui i motori Made in Italy Ravel, azienda parte del gruppo.

**FOR EVERY INDUSTRY THE PISTON PUMP  
YOU NEED**

*The attention to detail and high quality components finished directly inside the company have been the main factors in developing a full range of piston pumps characterized by different technical characteristics suitable not only for cleaning but also for other applications such as misting, reverse osmosis and dust suppression.*

*AR piston pumps are compact, silent running, equipped with ceramic plungers to guarantee longer life and require minimal maintenance due to their reliability.*

*In addition, AR pumps can be associated with various accessories and equipped with hydraulic, petrol and electric engines including the Made in Italy Ravel electric motors, manufactured in a company belonging to the Group.*





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| <b>194 Series</b>                |  |   |   |   |   |   |   |   |   |   |   |   |   | <b>90</b>  |
| XWF                              |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● | ● |   | ●          |
| XW                               |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● | ● |   |            |
| XWL                              |  |   | ● | ● | ● | ● | ● |   | ● | ● | ● | ● |   |            |
| XWT                              |  |   |   |   |   |   |   |   | ● |   |   |   |   |            |
| XWA                              |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● | ● |   |            |
| XWLA                             |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● | ● |   |            |
| XWP                              |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● | ● |   |            |
| SXW                              |  | ● | ● | ● |   |   |   |   | ● |   | ● | ● |   | ●          |
| SXWA                             |  | ● | ● | ● |   |   |   |   | ● |   | ● | ● |   |            |
| SHP                              |  | ● | ● | ● |   |   |   |   |   |   | ● | ● |   | ●          |
| SHPA                             |  | ● | ● | ● |   |   |   |   |   |   | ● | ● |   |            |
| STP-I                            |  | ● | ● | ● |   |   |   |   | ● |   | ● | ● | ● |            |
| STPA-I                           |  | ● | ● | ● |   |   |   |   | ● |   | ● | ● | ● |            |
| CWX                              |  |   |   |   | ● |   |   |   |   |   |   |   |   |            |
| WHW                              |  |   |   |   | ● |   |   |   | ● |   |   |   |   |            |
| WHWL                             |  |   |   |   | ● |   |   |   | ● |   |   |   |   |            |
| HXW                              |  | ● | ● | ● | ● | ● | ● |   | ● | ● | ● | ● |   |            |
| HXWL                             |  | ● | ● | ● | ● | ● | ● |   | ● | ● | ● | ● |   |            |
| HXWA                             |  | ● | ● | ● | ● | ● | ● |   | ● | ● | ● | ● |   |            |
| HSXW                             |  | ● | ● | ● |   |   |   |   | ● |   | ● | ● |   |            |
| HSHP                             |  | ● | ● | ● |   |   |   |   |   |   | ● | ● |   |            |
| HYD-XW/XWL                       |  |   |   |   |   |   |   |   | ● |   |   |   |   | ●          |
| XW+F38                           |  |   |   |   |   |   |   |   | ● |   |   |   |   |            |
| XW/XWL/XWP/SXW+F60               |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● |   |   | ●          |
| XW/XWL/XWP/SHP+F62               |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● |   |   | ●          |
| <b>366 Series</b>                |  |   |   |   |   |   |   |   |   |   |   |   |   | <b>112</b> |
| RTX                              |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● |   | ● | ●          |
| RTX-I                            |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● | ● | ● |            |
| HRTX                             |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● | ● | ● |            |
| HYD-RTX                          |  |   |   |   |   |   |   |   | ● |   |   |   |   | ●          |
| RTX+F54                          |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● |   |   | ●          |
| RTX+F56                          |  | ● |   | ● | ● | ● | ● |   | ● | ● | ● |   |   | ●          |
| <b>418 Series</b>                |  |   |   |   |   |   |   |   |   |   |   |   |   | <b>124</b> |
| RTD                              |  | ● |   | ● |   | ● | ● |   | ● | ● | ● | ● |   | ●          |
| RTD-L                            |  | ● |   | ● |   | ● | ● |   | ● | ● | ● | ● |   |            |
| RTD+F59                          |  | ● |   | ● |   | ● | ● |   | ● | ● | ● | ● |   | ●          |
| RTD+F57                          |  | ● |   | ● |   | ● | ● |   | ● | ● | ● | ● |   | ●          |
| CR SERIES                        |  | ● |   | ● |   |   |   |   | ● | ● | ● | ● |   |            |
| <b>282 Series</b>                |  |   |   |   |   |   |   |   |   |   |   |   |   | <b>134</b> |
| RTP                              |  | ● |   |   |   |   |   |   | ● |   | ● | ● |   | ●          |
| RTJ                              |  | ● |   | ● |   |   |   |   | ● |   | ● | ● |   | ●          |
| RTF                              |  | ● |   |   | ● |   |   |   | ● | ● |   |   |   |            |
| <b>Stainless steel</b>           |  |   |   |   |   |   |   |   |   |   |   |   |   | <b>138</b> |
| XM-SS                            |  |   |   |   |   |   |   | ● |   |   |   |   | ● |            |
| XMA-SS                           |  |   |   |   |   |   |   | ● |   |   |   |   | ● |            |
| RK-SS                            |  |   |   |   |   |   |   | ● |   |   |   |   | ● |            |
| RKA-SS                           |  |   |   |   |   |   |   | ● |   |   |   |   | ● |            |
| JK-SS                            |  |   |   |   |   |   |   | ● |   |   |   |   | ● |            |
| HYD RK-SS                        |  |   |   |   |   |   |   |   | ● |   |   |   | ● |            |
| XWL-SS                           |  |   |   |   |   |   |   | ● |   |   |   |   | ● |            |
| RTX-SS                           |  |   |   |   |   |   |   | ● |   |   |   |   | ● |            |
| <b>Additional Electric Motor</b> |  |   |   |   |   |   |   |   |   |   |   |   |   | <b>148</b> |
| HPV                              |  |   | ● |   |   |   |   |   |   |   |   |   |   |            |
| HPV-O                            |  |   | ● |   |   |   |   |   |   |   |   |   |   |            |
| HPV-MO                           |  |   |   |   |   |   |   |   |   | ● |   |   |   |            |
| HPE                              |  |   | ● |   |   |   |   |   |   |   |   |   |   |            |
| HPE-M                            |  |   |   |   |   |   |   |   |   | ● |   |   |   |            |
| <b>Wobble plate</b>              |  |   |   |   |   |   |   |   |   |   |   |   |   | <b>154</b> |
| RPV                              |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| RPW                              |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| RMV                              |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| RMW                              |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| RQV                              |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| RQW                              |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| RXV                              |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| XJS                              |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| SJS                              |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| SJV                              |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| HRM-O                            |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| HRM-MO                           |  |   |   |   |   |   |   |   |   | ● |   |   |   |            |
| HPJ                              |  | ● |   |   |   |   |   |   |   |   |   |   |   |            |
| HYD-XJS                          |  |   |   |   |   |   |   |   | ● |   |   |   |   |            |
| XJS+F39                          |  |   |   |   |   |   |   |   | ● |   |   |   |   |            |





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# Tabella delle pompe in ordine di Pressione

Pumps listed according to Pressure

| bar | psi  | rpm  | l/1' | gpm | pompa/pump             | pag | bar | psi  | rpm  | l/1' | gpm  | pompa/pump            | pag   | bar | psi   | rpm  | l/1' | gpm  | pompa/pump        | pag |
|-----|------|------|------|-----|------------------------|-----|-----|------|------|------|------|-----------------------|-------|-----|-------|------|------|------|-------------------|-----|
| 170 | 2500 | 3400 | 11,4 | 3   | JRV 3 G25 D + F7       | 25  | 205 | 3000 | 1750 | 15,1 | 4    | RKA 4 G30 H N         | 64    | 345 | 5000  | 1750 | 15,1 | 4    | SXWA 4 G 50 N     | 98  |
|     |      |      |      |     | RQV 3 G25 D + F7       | 35  |     |      |      |      |      | RKA 4 G30 H E         | 66    |     |       |      |      |      | SXWA 5.5G 50 N    | 98  |
|     |      |      |      |     | RQV 3 G25 E + F8       | 35  |     |      |      |      |      | JKA 4 G30 H N         | 71    |     |       |      |      |      | SXWA 7 G 50 N     | 98  |
|     |      |      |      |     | RRV 3 G25 E+F Ø5/8"    | 57  |     |      |      |      |      | RGA 4G 30 H N         | 79    |     |       |      |      |      | SRG 15.35 N       | 83  |
|     |      |      |      |     | XMV 3.5 G25 N          | 46  |     |      |      |      |      | RWA 4G 30 H N         | 87    |     |       |      |      |      | SXW 15.35 N       | 98  |
|     |      |      | 13,2 | 3,5 | XMV 3.5 G25 D + F25    | 48  |     |      |      | 17   | 4,5  | XWA 4 G30 N           | 95-96 |     |       |      | 15   | 3,96 | SXW 17.35 N       | 98  |
|     |      |      |      |     | RRV 3.5 G25 D+F Ø 3/4" | 58  |     |      |      |      |      | RKA 4.5 G30 H N       | 64    |     |       |      |      |      | SRG 21.35 N       | 83  |
|     |      |      |      |     | RKV 3.5 G25 D + F41    | 67  |     |      |      |      |      | RRA 5.5 G30 N         | 55    |     |       |      |      |      | SXW 21.35 N       | 98  |
|     |      |      |      |     | SJV 3.5 G25 D + F7     | 161 |     |      |      |      |      | RKA 5.5 G30 H N       | 64    |     |       |      |      |      | SXW 21.35 N+F60   | 110 |
|     |      |      |      |     | XMV 4 G25 D + F40      | 49  |     |      |      |      |      | RGA 5.5G 30 H N       | 79    |     |       |      |      |      | SRG 30.35 N       | 83  |
| 180 | 2600 | 3400 | 15,1 | 4   | XMT 21.18 N            | 94  | 205 | 3000 | 1750 | 20,8 | 5,5  | RWA 5.5G 30 H N       | 87    | 350 | 5100  | 1450 | 21   | 5,54 | RTX 35.350 N      | 114 |
|     |      |      |      |     | XWF 30.18 N            | 91  |     |      |      |      |      | XWA 5.5 G30 N         | 95-96 |     |       |      |      |      | RTP 30.500 N AP   | 135 |
|     |      |      |      |     | RS 11.18 N             | 15  |     |      |      |      |      | XWA 9 G30 N           | 95    |     |       |      |      |      | RTP 38.500 N AP   | 135 |
|     |      |      |      |     | RRS 11.18 C + F16      | 18  |     |      |      | 34   | 9    | RMV 2.5 G30 D         | 156   |     |       |      | 30   | 7,92 | SHP 10.50 N       | 99  |
|     |      |      |      |     | RMV 2.5 G26 D          | 156 |     |      |      |      |      | RQV 2.5 G30 D         | 158   |     |       |      |      |      | STP-I 10.50 N     | 101 |
|     |      |      | 9,5  | 2,5 | RMW 2.5 G26 D          | 157 |     |      |      |      |      | RSV 3 G30 D + F40     | 17    |     |       |      |      |      | RGX 15.50 N       | 85  |
|     |      |      |      |     | RRV 3 G27 D+F Ø 3/4"   | 58  |     |      |      | 11,4 | 3    | XMV 3 G30 N           | 46    |     |       |      | 15   | 3,96 | SHP 15.50 N       | 99  |
|     |      |      |      |     | SJV 3 G27 D + F7       | 161 |     |      |      |      |      | XMV 3 G30 D + F25     | 48    |     |       |      |      |      | STP-I 15.50 N     | 101 |
|     |      |      |      |     | RMW 2.5 G28 D          | 157 |     |      |      |      |      | XMV 3 G30 D + F40     | 49    |     |       |      |      |      | SHP 15.50 N+F62   | 111 |
|     |      |      |      |     | RQW 2.5 G28 D          | 158 |     |      |      |      |      | RRV 3 G30 D+F Ø 1"    | 58    |     |       |      |      |      | SHP 20.50 N       | 99  |
|     |      |      |      |     |                        |     |     |      |      |      |      | RVV 3 G30 D           | 159   |     |       |      |      |      | STP-I 20.50 N     | 101 |
| 186 | 2700 | 3400 | 11,4 | 3   |                        |     | 205 | 3000 | 3400 | 13,2 | 3,5  | XMV 3.5 G30 D + F40   | 49    | 500 | 7250  | 1450 | 22   | 5,8  | RGX 22.50 N       | 85  |
|     |      |      |      |     |                        |     |     |      |      |      |      | RKV 3.5 G30 H D + F41 | 67    |     |       |      |      |      | SHP 22.50 N       | 99  |
|     |      |      |      |     |                        |     |     |      |      |      |      | RVV 3.5 G30 D         | 159   |     |       |      |      |      | STP-I 22.50 N     | 101 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RSV 4 G30 D + F40     | 17    |     |       |      |      |      | SHP 22.50 N+F62   | 111 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XMV 4 G30 N           | 46    |     |       |      |      |      | RTX 30.500 N      | 114 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XMV 4 G30 D + F40     | 49    |     |       |      |      |      | RTX-I 30.500 N    | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RKV 4 G30 D + F41     | 67    |     |       |      |      |      | RTX 30.500C+F56   | 123 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XWA 7 G32 N           | 95-96 |     |       |      |      |      | RGXA 4G 70 N      | 85  |
|     |      |      |      |     |                        |     |     |      |      |      |      | XW 26.23 N            | 92-93 |     |       |      |      |      | SHPA 4 G 70 N     | 99  |
|     |      |      |      |     |                        |     |     |      |      |      |      | XWA 7 G35 N           | 95-96 |     |       |      |      |      | STPA-I 4 G 70 N   | 101 |
| 190 | 2800 | 3400 | 9,5  | 2,5 |                        |     | 240 | 3500 | 1750 | 26,5 | 7    | XWA 8 G35 N           | 95    | 600 | 8702  | 1000 | 30   | 7,92 | STPA-I 5.5 G 70 N | 101 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RSV 3 G35 D + F40     | 17    |     |       |      |      |      | RTX 30.500C+F56   | 123 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RSV 3 G35 D           | 46    |     |       |      |      |      | RGXA 4G 70 N      | 85  |
|     |      |      |      |     |                        |     |     |      |      |      |      | SXMV 3 G35 D + F40    | 49    |     |       |      |      |      | SHPA 4 G 70 N     | 99  |
|     |      |      |      |     |                        |     |     |      |      |      |      | SXMV 3 G35 D + F40    | 49    |     |       |      |      |      | STPA-I 4 G 70 N   | 101 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RSV 3.5 G35 D + F40   | 17    |     |       |      |      |      | RTX 30.500 N      | 114 |
|     |      |      |      |     |                        |     |     |      |      |      |      | SXMV 3.5 G35 D + F40  | 49    |     |       |      |      |      | RTX-I 30.500 N    | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RSV 4 G35 D + F40     | 17    |     |       |      |      |      | RTX 30.500C+F56   | 123 |
|     |      |      |      |     |                        |     |     |      |      |      |      | SXMV 4 G35 N          | 46    |     |       |      |      |      | RGXA 4G 70 N      | 85  |
|     |      |      |      |     |                        |     |     |      |      |      |      | SXMV 4 G35 D + F40    | 49    |     |       |      |      |      | SHPA 4 G 70 N     | 99  |
| 200 | 2900 | 3400 | 12   | 3,2 |                        |     | 250 | 3625 | 1450 | 15,1 | 4    | RKV 4 G35 H D + F41   | 67    | 800 | 11603 | 1000 | 25   | 6,6  | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XMV 4 G30 N           | 46    |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XMV 4 G30 D + F40     | 49    |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RKV 4 G35 H D + F41   | 67    |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RVV 3 G35 D           | 159   |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XWA 7 G32 N           | 95-96 |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XW 26.23 N            | 92-93 |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XWA 7 G35 N           | 95-96 |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RSV 3 G35 D + F40     | 17    |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | SXMV 3 G35 N          | 46    |     |       |      |      |      | RTX 30.500 N      | 117 |
| 205 | 3000 | 1750 | 15,1 | 4   |                        |     | 275 | 4000 | 1450 | 21   | 5,55 | XW 21.25 N            | 92-93 | 280 | 4060  | 1450 | 21   | 5,55 | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XW 21.25 N+F62        | 111   |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RG 30.25 N            | 80    |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XW 30.25 N            | 92    |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XW 30.25 N+F60        | 110   |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | XW 30.25 N+F62        | 111   |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RRV 3 G36 D+F Ø 1"    | 58    |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        |     |     |      |      |      |      | RRV 3.5 G36 D+F Ø 1"  | 58    |     |       |      |      |      | RTX 30.500 N      | 117 |
|     |      |      |      |     |                        | </  |     |      |      |      |      |                       |       |     |       |      |      |      |                   |     |

12



## Tabella delle pompe in ordine di Portata

Pumps listed according to Flow

| I/I' | gpm  | rpm  | bar | psi  | pompa / pump              | pg    | I/I' | gpm  | rpm  | bar  | psi   | pompa / pump        | pg    | I/I' | gpm  | rpm  | bar          | psi                       | pompa / pump                 | pg   |              |     |  |  |  |  |
|------|------|------|-----|------|---------------------------|-------|------|------|------|------|-------|---------------------|-------|------|------|------|--------------|---------------------------|------------------------------|------|--------------|-----|--|--|--|--|
| 18   | 4,75 | 1450 | 160 | 2300 | RR 18.16 C + F Ø 28 mm    | 56    | 27   | 7,1  | 1750 | 140  | 2000  | RKA 7 G20 H E       | 66    | 70   | 18,5 | 1450 | 150          | 2200                      | XWP 70.15 N                  | 97   |              |     |  |  |  |  |
|      |      |      |     |      | RK 18.16 H C              | 65    |      |      |      | 150  | 2200  | RKA-SS 7 G22 N      | 142   |      |      |      |              |                           | XWP 70.15 N+F60              | 110  |              |     |  |  |  |  |
|      |      |      |     |      | JK 18.16 H N              | 71    |      |      |      | 100  | 1450  | XWF 30.10 N         | 91    |      |      |      | 150          |                           | RTX 70.150 N                 | 113  |              |     |  |  |  |  |
|      |      |      |     |      | RG 18.17 N                | 79    |      |      |      | 180  | 2600  | XWF 30.18 N         | 91    |      |      |      |              |                           | RTX 70.150 N+F54             | 122  |              |     |  |  |  |  |
|      |      |      |     |      | RW 18.17 N                | 87    |      |      |      | 200  | 2900  | XWF 30.20 N         | 91    |      |      |      |              |                           | RTX 70.200 N                 | 113  |              |     |  |  |  |  |
|      |      |      | 170 | 2500 | RK 18.20 H N              | 63    |      |      | 1000 | 500  | 7250  | RTP 30.500 N AP     | 135   |      |      | 200  | 2900         | RTX 70.200 C DX+F56       | 123                          |      |              |     |  |  |  |  |
|      |      |      |     |      | RG 18.20 H N              | 79    |      |      |      | 600  | 8702  | RTP 30.600 N AP *   | 135   |      |      |      |              | RTD 80.300 N              | 127                          |      |              |     |  |  |  |  |
|      |      |      |     |      | RW 18.20 H N              | 87    |      |      |      | 90   | 1300  | XWL-SS 30.09 N      | 146   |      |      |      |              | POMPA RTD 80.300 N DX+F59 | 128                          |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              | RTX 85.150 N              | 113                          |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      | 100  | 1450  | XW 30.10 N          | 92-93 |      |      |      |              | RTX 85.150 N+F54          | 122                          |      |              |     |  |  |  |  |
| 19   | 5    | 1450 | 300 | 4351 | SXW 19.30 N               | 98    | 20   | 5,3  | 1000 | 1000 | 14500 | CR 20.1000 N DX     | 133   | 85   | 22,5 | 1450 | 150          | 2200                      | RTX 85.150 C DX+F56          | 123  |              |     |  |  |  |  |
| 20   | 5,3  | 1450 | 500 | 7250 | SHP 20.50 N               | 99    |      |      | 150  | 2200 | 3625  | XW 30.15 N          | 92-93 |      |      |      |              |                           | RTD 100.200 N                | 127  |              |     |  |  |  |  |
|      |      |      |     |      | STP-I 20.50 N             | 101   |      |      |      |      |       | XW 30.15 + F38      | 109   |      |      |      |              |                           | POMPA RTD 100.200 N DX+F59   | 128  |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           | POMPA RTD 100.200 C DX+F57   | 129  |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       | RG 30.25 N          | 80    |      |      |      | 100          | 1450                      | RTX-SS 100.100 N             | 147  |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       | XW 30.25 N          | 92    |      |      |      |              |                           | RTX 100.120 N                | 113  |              |     |  |  |  |  |
|      |      |      | 150 | 2200 | RKA 5.5 G13 N             | 64    |      |      | 1450 | 250  | 3625  | XW 30.25 N+F60      | 110   |      |      | 1450 | 120          | 1740                      | RTX 100.120 C+F56            | 123  |              |     |  |  |  |  |
|      |      |      |     |      | 90 1300 RKA 5.5 G13 E     | 66    |      |      |      |      |       | XW 30.25 N+F62      | 111   |      |      |      |              |                           | RTD 120.200 N                | 127  |              |     |  |  |  |  |
|      |      |      |     |      | RG 5.5 G22 N              | 79    |      |      |      |      |       | RTX 30.300 N        | 113   |      |      |      |              |                           | RTD 130.100 N                | 127  |              |     |  |  |  |  |
|      |      |      |     |      | RWA 5.5 G22 H N           | 87    |      |      |      |      |       | RTX 30.300 N+F54    | 122   |      |      |      |              |                           | POMPA RTD 130.100 N DX+F59   | 128  |              |     |  |  |  |  |
|      |      |      |     |      | XWA 5.5 G22 N             | 95-96 |      |      |      |      |       | RTX 30.300 C+F56    | 123   |      |      |      |              |                           | RTD 130.160 N                | 127  |              |     |  |  |  |  |
| 20,8 | 5,5  | 1750 | 180 | 2600 | RRA 5.5 G26 E + F Ø 1"1/8 | 57    | 30,2 | 8    | 1750 | 350  | 5100  | SRG 30.35 N         | 83    | 130  | 34,5 | 1000 | 160          | 2300                      | POMPA RTD 130.160 N DX+F59   | 128  |              |     |  |  |  |  |
|      |      |      |     |      | RRA 5.5 G30 N             | 55    |      |      |      |      |       | RTX 30.500 N        | 114   |      |      |      |              |                           | POMPA RTD 130.160 C DX+F57   | 129  |              |     |  |  |  |  |
|      |      |      |     |      | RKA 5.5 G30 H N           | 64    |      |      |      |      |       | RTX-I 30.500 N      | 117   |      |      |      |              |                           | POMPA RTD 130.200 N DX+F59   | 128  |              |     |  |  |  |  |
|      |      |      |     |      | RG 5.5 G30 H N            | 79    |      |      |      |      |       | RTX 30.500C+F56     | 123   |      |      |      | 200          | 2900                      | POMPA RTD 130.200 C DX+F57   | 129  |              |     |  |  |  |  |
|      |      |      |     |      | RWA 5.5 G30 H N           | 87    |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      | 205 | 3000 | XWA 5.5 G30 N             | 95-96 |      |      | 1750 | 200  | 2900  | XWA 8 G19 N         | 95-96 |      |      | 800  | 100          | 1450                      | RTF 135.100 N AP             | 137  |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       | XWA 8 G29 N         | 95-96 |      |      |      |              |                           | RTF 150.100 N AP             | 137  |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       | XWA 8 G35 N         | 95    |      |      |      |              |                           | RTX 150.100 N                | 115  |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       | WHW 32.20 N         | 103   |      |      | 1450 | 100          | 1450                      | RTX 150.100 C DX+F56         | 123  |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           | RTD-L 160.100 N              | 127  |              |     |  |  |  |  |
| 21   | 5,55 | 1450 | 275 | 4000 | XWA 5.5 G40 N             | 95-96 | 32   | 8,45 | 1450 | 200  | 2900  | XWA 9 G16 N         | 95-96 | 150  | 39,6 | 800  | 100          | 1450                      | POMPA RTD-L 160.100 N DX+F59 | 128  |              |     |  |  |  |  |
|      |      |      |     |      | 5000 SXWA 5.5 G50 N       | 98    |      |      |      |      |       | XWA 9 G24 N         | 95-96 |      |      |      |              |                           | RTD 160.100 N                | 127  |              |     |  |  |  |  |
|      |      |      |     |      | 500 7250 STP-A 5.5 G 70 N | 101   |      |      |      |      |       | XWA 9 G30 N         | 95    |      |      |      |              |                           | POMPA RTD 160.100 N DX+F59   | 128  |              |     |  |  |  |  |
|      |      |      | 180 | 2600 | RKV 5.5 G40 H D + F41     | 67    |      |      | 1750 | 240  | 3500  | RTX 35.350 N        | 114   |      |      | 1000 | 130          | 1900                      | RTD 160.130 N                | 127  |              |     |  |  |  |  |
|      |      |      |     |      | XWT 21.18 N               | 94    |      |      |      |      |       | XWL-SS 33.06 N      | 146   |      |      |      |              |                           | POMPA RTD 160.130 N DX+F59   | 128  |              |     |  |  |  |  |
|      |      |      |     |      | XWT 21.20 N               | 94    |      |      |      |      |       | XWL-SS 33.08 N      | 146   |      |      |      |              |                           | POMPA RTD 160.130 C DX+F57   | 129  |              |     |  |  |  |  |
|      |      |      |     |      | RK 21.10 N                | 63    |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      | RK 21.10 C                | 65    |      |      |      |      |       | RGL 36.15 N         | 81    |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      | 150 | 2200 | RK 21.15 H N              | 63    |      |      | 1450 | 150  | 2200  | XWL 36.15 N         | 94    |      |      | 200  | 52,8         | 1000                      | 80                           | 1160 | RTD 200.80 N | 127 |  |  |  |  |
|      |      |      |     |      | RK 21.15 H C              | 65    |      |      |      |      |       | XWL 36.15 N+F62     | 111   |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      | JK 21.15 H N              | 71    |      |      |      |      |       | RTP 38.500 N AP     | 135   |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
| 22   | 5,8  | 1450 | 100 | 1450 | RK 21.15 + F38            | 75    | 33   | 8,72 | 950  | 80   | 1160  | WHWL 38.15 N        | 103   | 160  | 42,3 | 1000 | 130          | 1900                      |                              |      |              |     |  |  |  |  |
|      |      |      |     |      | RG 21.15 N                | 79    |      |      |      |      |       | XWL 42.05 N         | 94    |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      | RW 21.15 H N              | 87    |      |      |      |      |       | XWL 42.07 N         | 94    |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      | WHW 21.15 N               | 103   |      |      |      |      |       | RGL 42.10 N         | 81    |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      | RK-SS 21.15 N             | 141   |      |      |      |      |       | XWL 42.10 N         | 94    |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      | 150 | 2200 | RK-SS 21.15 C             | 141   |      |      | 1450 | 150  | 2200  | RGL 41.17 N         | 81    |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      | JK-SS 21.15 N             | 144   |      |      |      |      |       | XWL 41.20 N         | 81    |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      | RK 21.20 H N              | 63    |      |      |      |      |       | XWL 41.20 N         | 94    |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      | RG 21.20 H N              | 79    |      |      |      |      |       | XWL 41.20 N+F62     | 111   |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      | RW 21.20 H N              | 87    |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
| 23   | 6,34 | 1450 | 150 | 2200 | XW 21.20 N                | 92-93 | 34   | 9,1  | 1450 | 150  | 2200  | XWL 42.05 N         | 94    | 50   | 13,2 | 1450 | 150          | 2175                      | XWL 42.07 N                  | 94   |              |     |  |  |  |  |
|      |      |      |     |      | RG 21.25 H N              | 79    |      |      |      |      |       | XWL 42.10 N         | 81    |      |      |      |              |                           | XWL 50.15 N                  | 97   |              |     |  |  |  |  |
|      |      |      |     |      | XW 21.25 N                | 92-93 |      |      |      |      |       | XWL 42.15 N         | 81    |      |      |      |              |                           | WHWL 50.15 N                 | 103  |              |     |  |  |  |  |
|      |      |      |     |      | XW 21.25 N+F62            | 111   |      |      |      |      |       | XWL 50.15 N+F60     | 110   |      |      |      |              |                           | XWL 50.15 N+F62              | 111  |              |     |  |  |  |  |
|      |      |      |     |      | XW 21.28 N                | 92-93 |      |      |      |      |       | XWL 50.15 N+F62     | 111   |      |      |      |              |                           | XWP 50.15 N                  | 111  |              |     |  |  |  |  |
| 24   | 6,6  | 1750 | 100 | 1300 | RKA 6.5 G13 N             | 64    | 50   | 13,2 | 1450 | 170  | 2465  | RGL 50.17 N         | 81    | 200  | 2900 | 140  | 2000         | XWL 50.20 N+F62           | 111                          |      |              |     |  |  |  |  |
|      |      |      |     |      | RKA 6.5 G13 E             | 66    |      |      |      |      |       | XWL 50.20 N         | 110   |      |      |      |              | XWP 55.14 N               | 97                           |      |              |     |  |  |  |  |
|      |      |      |     |      | RKA 6.5 G20 H N           | 64    |      |      |      |      |       | XWL 50.20 N+F62     | 111   |      |      |      |              | XWP 55.14 N+F62           | 111                          |      |              |     |  |  |  |  |
|      |      |      |     |      | RKA 6.5 G20 H E           | 66    |      |      |      |      |       | XWL 50.20 N+F62     | 111   |      |      |      |              | XWP 60.13 N               | 97                           |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              | XWP 60.13 N+F60           | 110                          |      |              |     |  |  |  |  |
|      |      |      | 140 | 2000 |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
| 26   | 6,87 | 1450 | 60  | 900  | XWF 26.06 N               | 91    | 55   | 14,5 | 1450 | 140  | 2000  | RTX 50.200 N        | 113   | 60   | 15,9 | 1450 | 130          | 1900                      | XWP 60.13 N                  | 97   |              |     |  |  |  |  |
|      |      |      |     |      | 90 1300 XWF 26.09 N       | 91    |      |      |      |      |       | RTX 50.300 N        | 113   |      |      |      |              |                           | XWP 60.13 N+F60              | 110  |              |     |  |  |  |  |
|      |      |      |     |      | 120 1740 XWF 26.12 N      | 91    |      |      |      |      |       | RTX 50.300 N+F54    | 122   |      |      |      |              |                           | XWP 60.13 N+F62              | 111  |              |     |  |  |  |  |
|      |      |      |     |      | 150 2200 XWF 26.15 N      | 91    |      |      |      |      |       | RTX 50.300 C+F56    | 123   |      |      |      | RTX 60.300 N |                           | 113                          |      |              |     |  |  |  |  |
|      |      |      |     |      | 200 2900 XWF 26.20 N      | 91    |      |      |      |      |       | XWP 55.14 N         | 97    |      |      |      | RTX 60.300 N |                           | 113                          |      |              |     |  |  |  |  |
|      |      |      | 120 | 1740 | XWF 26.20 N               | 91    |      |      | 1450 | 140  | 2000  | XWP 55.14 N+F62     | 111   |      |      | 130  | 1900         | XWP 60.13 N               | 97                           |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
| 26,5 | 7    | 1750 | 340 | 5000 | SXWA 7 G22 N              | 95-96 | 65   | 17,2 | 1450 | 120  | 1740  | RTX 60.300 C DX+F56 | 123   | 70   | 18,5 | 1450 | 120          | 2200                      | XWP 65.12 N                  | 97   |              |     |  |  |  |  |
|      |      |      |     |      | 220 3200 XWA 7 G32 N      | 95-96 |      |      |      |      |       | XWP 65.12 N+F62     | 111   |      |      |      |              |                           | XWP 70.12 N                  | 97   |              |     |  |  |  |  |
|      |      |      |     |      | 240 3500 XWA 7 G35 N      | 95-96 |      |      |      |      |       | XWP 65.12 N+F62     | 111   |      |      |      |              |                           | XWP 70.12 N+F62              | 111  |              |     |  |  |  |  |
|      |      |      |     |      | 275 4000 XWA 7 G40 N      | 95    |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      | 345 5000 SXWA 7 G50 N     | 98    |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      | 90  | 1300 | RKA 7 G13 N               | 64    |      |      | 1450 | 120  | 1740  | XWP 70.12 N         | 97    |      |      | 150  | 2200         | XWP 70.12 N+F62           | 111                          |      |              |     |  |  |  |  |
|      |      |      |     |      | RKA 7 G13 E               | 66    |      |      |      |      |       | XWP 70.12 N+F62     | 111   |      |      |      |              | XWP 70.15 N               | 111                          |      |              |     |  |  |  |  |
|      |      |      |     |      | RKA 7 G20 H N             | 64    |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |
|      |      |      |     |      |                           |       |      |      |      |      |       |                     |       |      |      |      |              |                           |                              |      |              |     |  |  |  |  |



# 276 SERIES

RS  
RSS  
RSV  
HRS



Corpo in alluminio pressofuso.

Coperchio laterale chiuso.

Bielle in lega zinco- alluminio pressofuso oppure in bronzo.

Testa in ottone stampato con valvola di regolazione integrata.

Pistoni acciaio inox con copertura in ceramica.

*Crankcase in pressure die-cast aluminium alloy.*

*Closed side cover.*

*Connecting rods in die-cast zinc-aluminium alloy. Bronze connecting rods available.*

*Pump head in forged brass with integrated pressure regulating valve.*

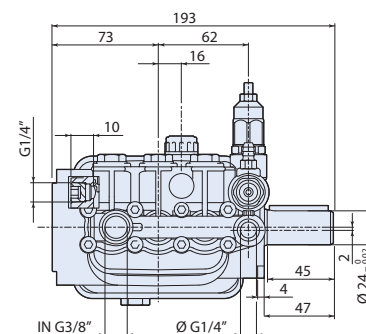
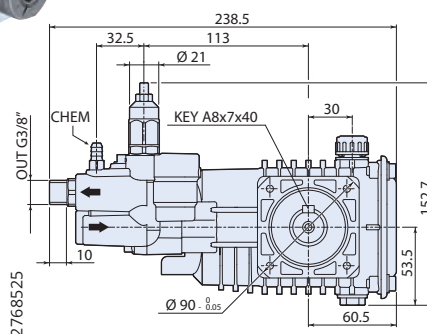
*Plungers in ceramic-coated stainless steel.*

# 276 Series

## POMPA ALBERO MASCHIO Solid shaft pump



idropultrici  
pressure  
washers



### N version

Flangiatura compatibile XT N.  
XT N flange type.

| MOD                       | COD   | <br>MAX |      | <br>MAX |      |  |     | <br>KG<br>NET |    |
|---------------------------|-------|------------------------------------------------------------------------------------------|------|------------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------|-----|------------------------------------------------------------------------------------------------|----|
|                           |       | l/min                                                                                    | gpm  | bar                                                                                      | psi  | hp                                                                                | kW  | N° giri/1'                                                                                     | kg |
| RS 1450rpm Nversion Ø24mm |       |                                                                                          |      |                                                                                          |      |                                                                                   |     |                                                                                                |    |
| RS 11.11 N                | 23084 | 11                                                                                       | 2,90 | 110                                                                                      | 1600 | 3                                                                                 | 2,2 | 1450                                                                                           | 7  |
| RS 11.14 N                | 24543 | 11                                                                                       | 2,90 | 140                                                                                      | 2000 | 4                                                                                 | 3   | 1450                                                                                           | 7  |
| RS 11.18 N                | 23616 | 11                                                                                       | 2,90 | 180                                                                                      | 2600 | 5,5                                                                               | 4   | 1450                                                                                           | 7  |
| RS 13.17 N                | 23160 | 13                                                                                       | 3,43 | 170                                                                                      | 2500 | 5,5                                                                               | 4   | 1450                                                                                           | 7  |
| RS 15.15 N                | 23161 | 15                                                                                       | 3,96 | 150                                                                                      | 2200 | 5,5                                                                               | 4   | 1450                                                                                           | 7  |



testa in  
ottone  
brass  
head



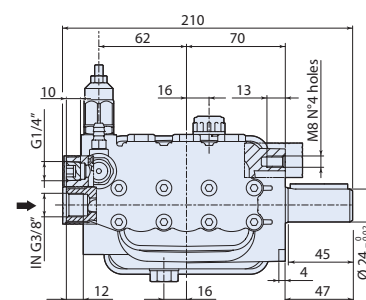
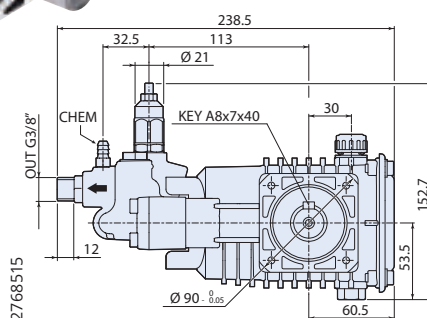
bielle in  
alluminio  
aluminium  
connecting-rods



## POMPA ALBERO MASCHIO Solid shaft pump



idropultrici  
pressure  
washers



### N version

Flangiatura compatibile XT N.  
XT N flange type.

| MOD                        | COD   | <br>MAX | <br>MAX |  | <br>NET |     |    |            |    |
|----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----|----|------------|----|
|                            |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                        | hp  | kW | N° giri/1' | kg |
| RSS 2800rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                            |     |    |            |    |
| RSS 11.14 N                | 27186 | 11                                                                                         | 2,90                                                                                       | 140                                                                                 | 2000                                                                                       | 4   | 3  | 2800       | 7  |
| RSS 11.18 N                | 25187 | 11                                                                                         | 2,90                                                                                       | 180                                                                                 | 2600                                                                                       | 5,5 | 4  | 2800       | 7  |
| RSS 13.17 N                | 23949 | 13                                                                                         | 3,43                                                                                       | 170                                                                                 | 2500                                                                                       | 5,5 | 4  | 2800       | 7  |
| RSS 15.15 N                | 23182 | 15                                                                                         | 3,96                                                                                       | 150                                                                                 | 2200                                                                                       | 5,5 | 4  | 2800       | 7  |



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods



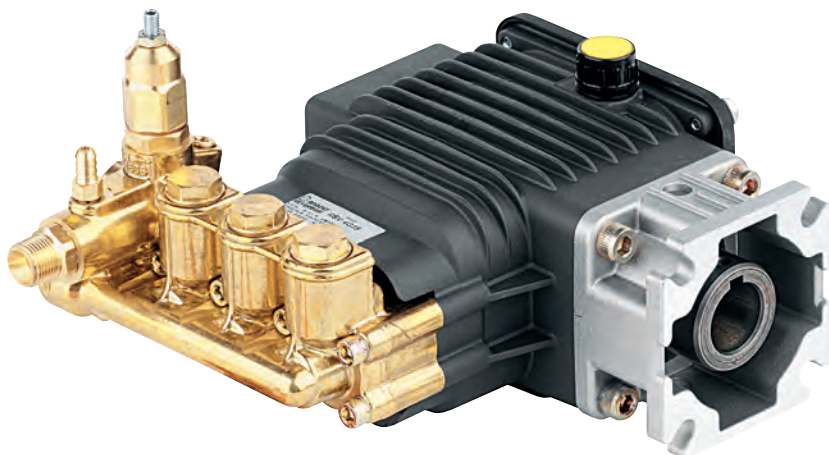
# 276 series

## POMPA ALBERO CAVO

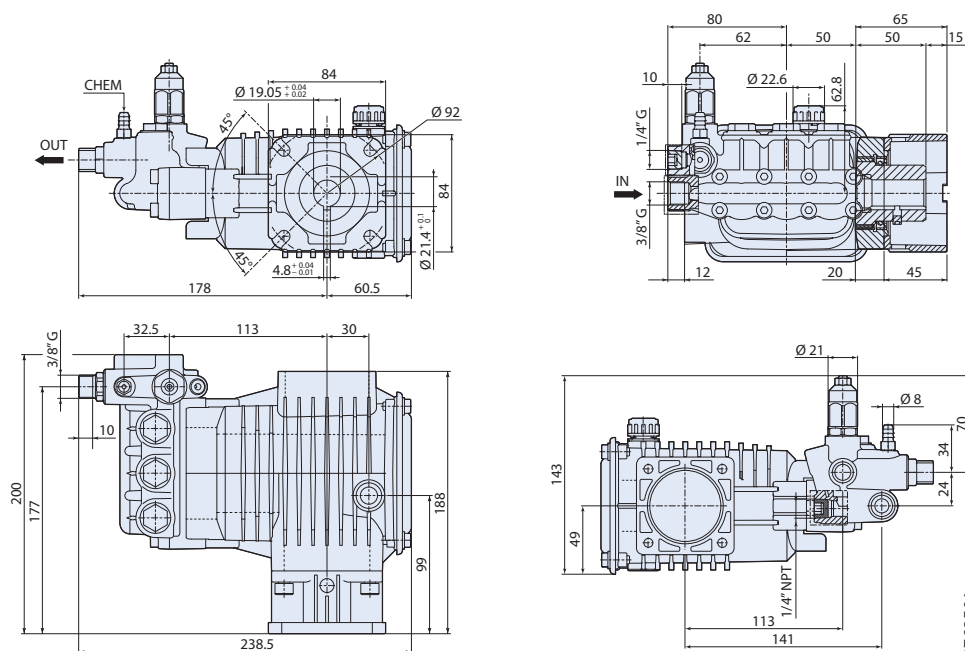
Hollow shaft pump



idropulitrici  
pressure  
washers



Su richiesta  
On request



2768501

## D version + F25

| MOD                              | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |               |    |
|----------------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|---------------|----|
|                                  |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N°<br>giri/1' | kg |
| RSV 3400rpm Dversion + F25 Ø3/4" |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |               |    |
| RSV 2.5 G25 D + F25              | 25918 | 9,5                                                                                        | 2,5                                                                                        | 170                                                                                 | 2500                                                                                             | 4,5 | 3,3 | 3400          | 7  |
| RSV 3 G25 D + F25                | 23473 | 11,4                                                                                       | 3                                                                                          | 170                                                                                 | 2500                                                                                             | 5   | 3,7 | 3400          | 7  |

Per motori scoppio flangia Ø3/4" SAE J609a. Flangia inclusa.  
For gasoline engine flange Ø3/4" SAE J609a. Flange included.



testa in  
ottone  
brass  
head



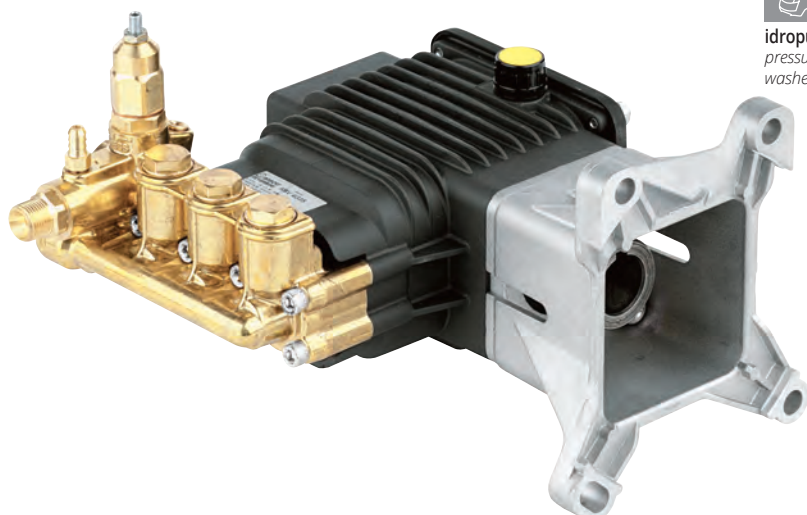
bielle in  
alluminio  
aluminium  
connecting-rods

# 276 Series

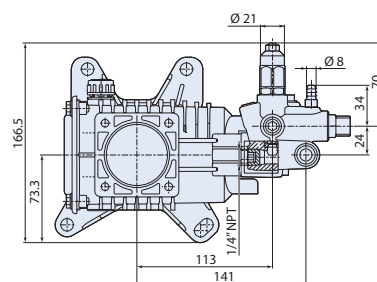
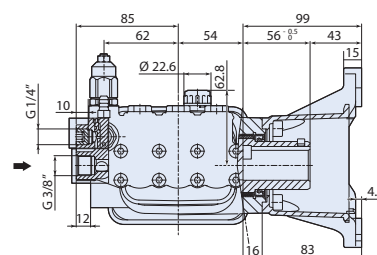
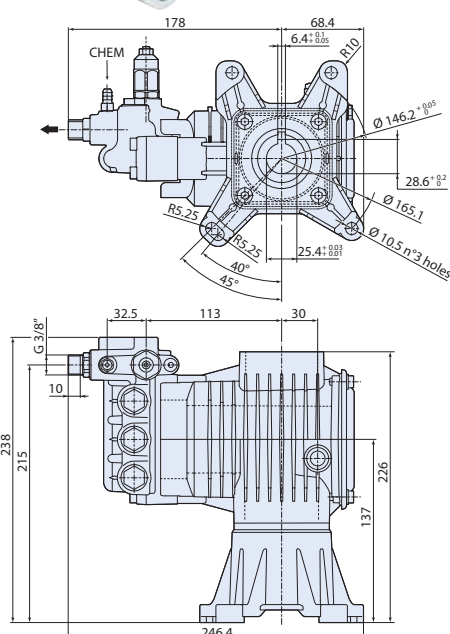
POMPA ALBERO CAVO  
Hollow shaft pump



idropulitrici  
pressure  
washers



Su richiesta  
On request



2768500

## D version + F40

| MOD                            | COD                                                                                       | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |               |     |
|--------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|---------------|-----|
|                                |                                                                                           | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N°<br>giri/1' | kg  |
| RSV 3400rpm Dversion + F40 Ø1" |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |               |     |
| RSV 3 G30 D + F40              | 25552                                                                                     | 11,4                                                                                       | 3                                                                                          | 205                                                                                 | 3000                                                                                             | 5,5 | 4   | 3400          | 7   |
| RSV 3 G35 D + F40              |  23856 | 11,4                                                                                       | 3                                                                                          | 240                                                                                 | 3500                                                                                             | 7,5 | 5,5 | 3400          | 7,5 |
| RSV 3.5 G35 D + F40            |  27187 | 13,2                                                                                       | 3,5                                                                                        | 240                                                                                 | 3500                                                                                             | 10  | 7,5 | 3400          | 7,5 |
| RSV 4 G30 D + F40              | 25795                                                                                     | 15,1                                                                                       | 4                                                                                          | 205                                                                                 | 3000                                                                                             | 7,5 | 5,5 | 3400          | 7   |
| RSV 4 G35 D + F40              |  27094 | 15,1                                                                                       | 4                                                                                          | 240                                                                                 | 3500                                                                                             | 10  | 7,5 | 3400          | 7,5 |
| RSV 4 G40 D + F40              |  24582 | 15,1                                                                                       | 4                                                                                          | 275                                                                                 | 4000                                                                                             | 11  | 8,2 | 3400          | 7,5 |

Per motori scoppio flangia Ø1" SAE J609a. Flangia inclusa.  
For gasoline engine flange Ø1" SAE J609a. Flange included.



testa in  
ottone  
brass  
head



 bielle in  
bronzo  
bronze  
connecting-rods



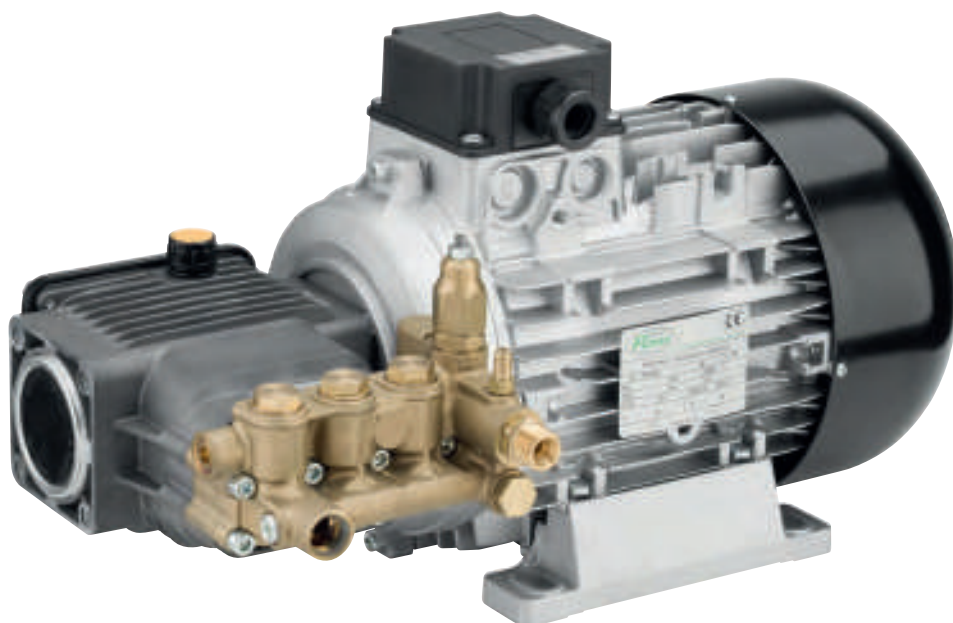
bielle in  
alluminio  
aluminium  
connecting-rods



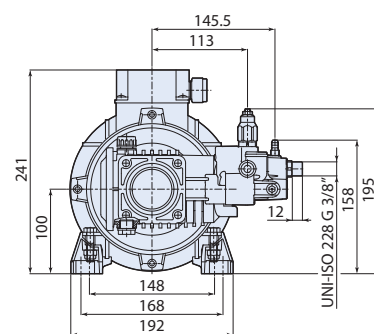
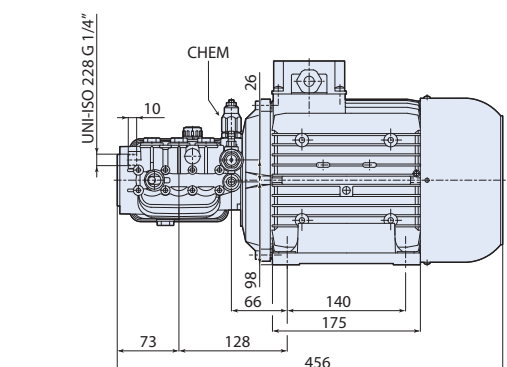




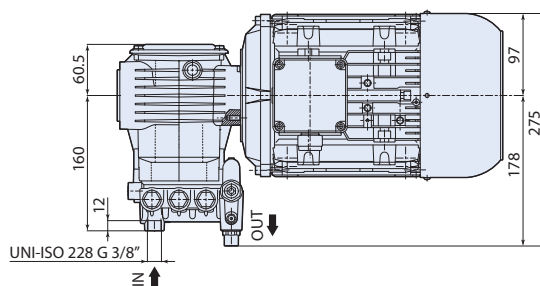
**idropultrici**  
pressure  
washers



GR. 100 motor hollow shaft



2768514



| MOD              | COD   |       |  MAX |  MAX |  |      |     |     |            |          |          |  KG NET |    |
|------------------|-------|-------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|-----|-----|------------|----------|----------|----------------------------------------------------------------------------------------------|----|
|                  | 1 ~   | 3 ~   | l/min                                                                                   | gpm                                                                                     | bar                                                                                 | psi  | hp  | kW  | N° giri/1' | V 1-50Hz | V 3-50Hz | Gr.                                                                                          | kg |
| HRS 1450rpm      |       |       |                                                                                         |                                                                                         |                                                                                     |      |     |     |            |          |          |                                                                                              |    |
| HRS 11.11 REG EM | 22117 | -     | 11                                                                                      | 2,90                                                                                    | 110                                                                                 | 1600 | 3   | 2,2 | 1450       | 230      | -        | 100                                                                                          | 30 |
| HRS 11.17 REG ET | -     | 22120 | 11                                                                                      | 2,90                                                                                    | 170                                                                                 | 2500 | 5   | 3,7 | 1450       | -        | 230/400  | 100                                                                                          | 30 |
| HRS 13.17 REG ET | -     | 22121 | 13                                                                                      | 3,43                                                                                    | 170                                                                                 | 2500 | 5,5 | 4   | 1450       | -        | 230/400  | 100                                                                                          | 30 |
| HRS 15.15 REG ET | -     | 22122 | 15                                                                                      | 3,96                                                                                    | 150                                                                                 | 2200 | 5,5 | 4   | 1450       | -        | 230/400  | 100                                                                                          | 30 |



**testa in  
ottone**  
*brass  
head*



**bielle in alluminio**  
aluminium  
connecting-rods



**frequenza  
motore**  
*motor  
frequency*

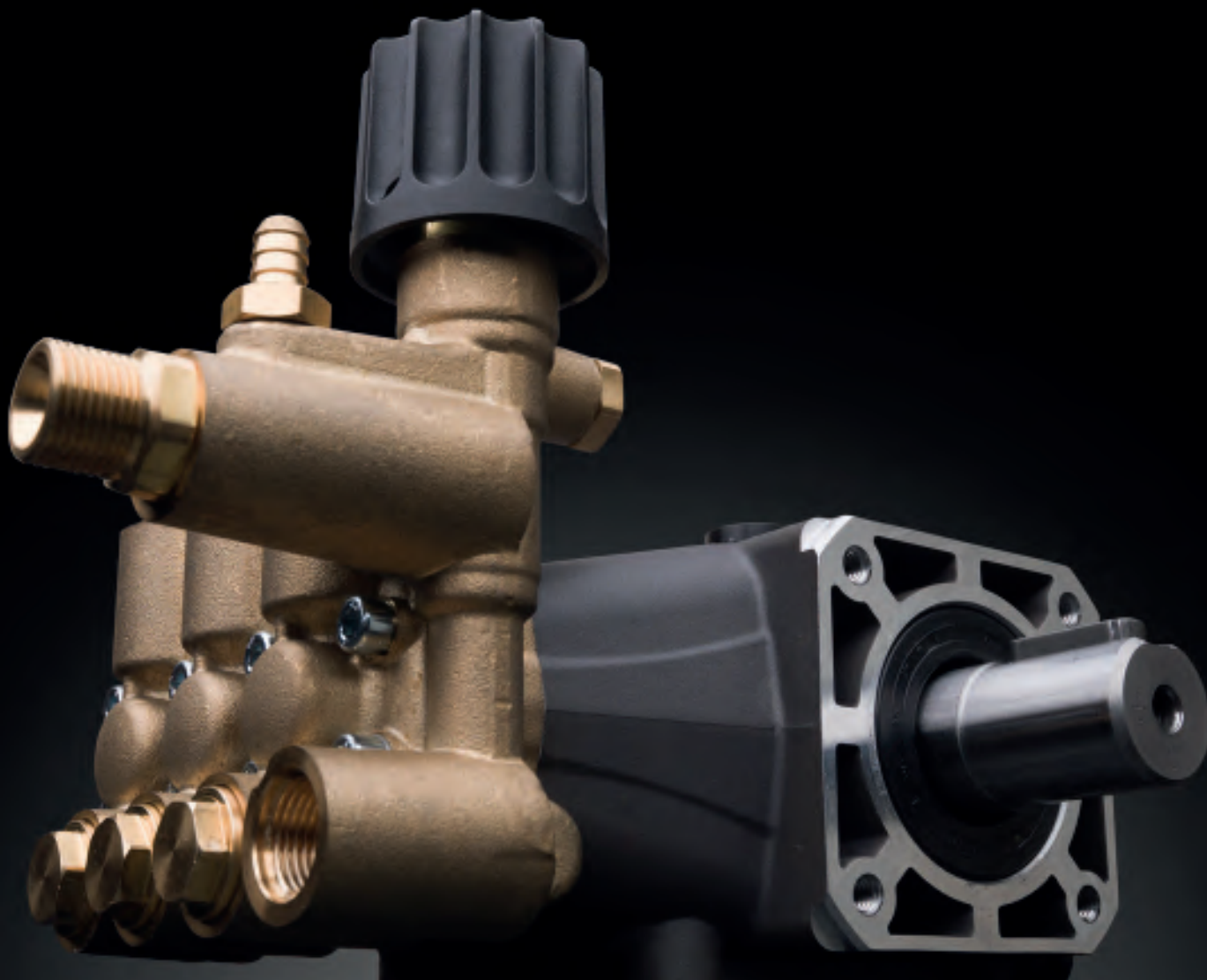


**frequenza motore**  
*motor frequency*



JR  
JRA  
JRS  
JRV  
JR-M  
JRA-M  
HJR  
HJRS  
HJR-M

## 414 SERIES





# DESIGN FOR PERFORMANCE

## **CORPO COMPATTO. PRESTAZIONI ELEVATE.**

Una gamma completa di pompe a pistoncini per garantire diverse applicazioni: JR, JRA, JRS ideali per l'utilizzo su idropultrici grazie alla loro dimensione compatta.

JR-M, JRA-M studiate appositamente per l'applicazione misting.

Disponibile la versione con TSS integrato e in associazione a motori elettrici.

## **COMPACT BODY HIGH-PERFORMANCE PUMP**

*A full range of performance piston pumps for different applications: JR, JRA, JRS perfect for high-pressure washers because of its compact dimensions.*

*JR-M, JRA-M studied in detail for misting application.*

*Available TSS version and electric motor-pump units.*

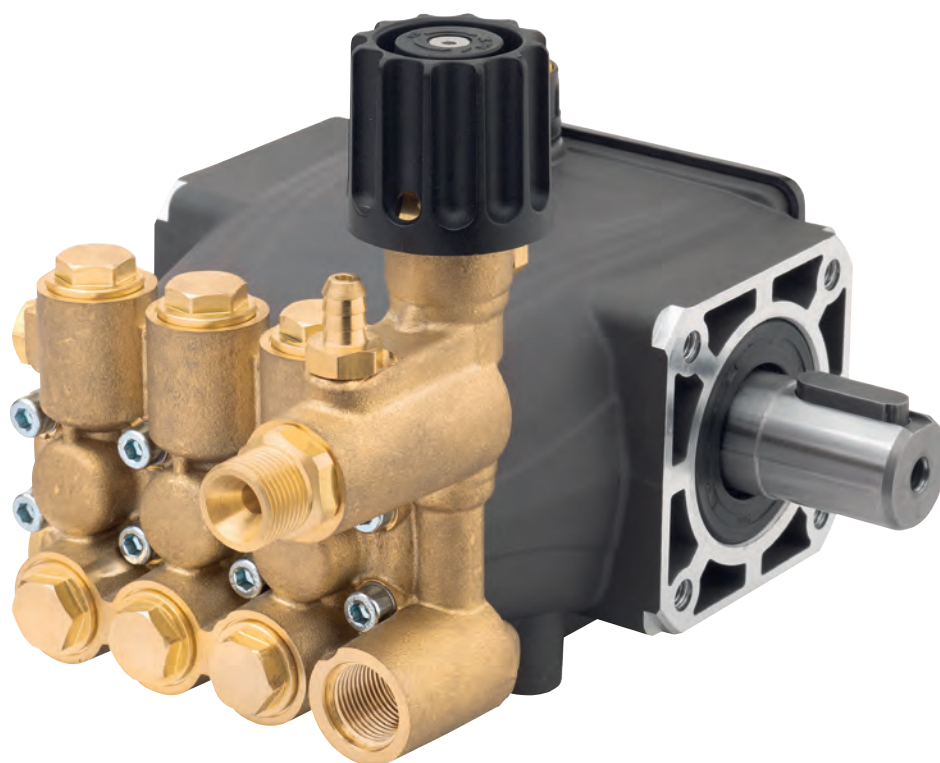




# 414 SERIES

JR  
JRA  
JRS  
JRV  
JR-M  
JRA-M

HJR  
HJRS  
HJR-M



Corpo in alluminio pressofuso.

Coperchio laterale chiuso o con livello olio.

Bielle in lega zinco- alluminio pressofuso.

Testa in ottone stampato o in lega d'alluminio pressofuso con valvola di regolazione integrata.

Pistoni acciaio inox con copertura in ceramica.

*Crankcase in pressure die-cast aluminium alloy.*

*Side cover closed or incorporated with oil sight glass.*

*Connecting rods in die-cast zinc-aluminium alloy.*

*Pump head in forged brass or die-cast aluminium alloy with integrated pressure regulating valve.*

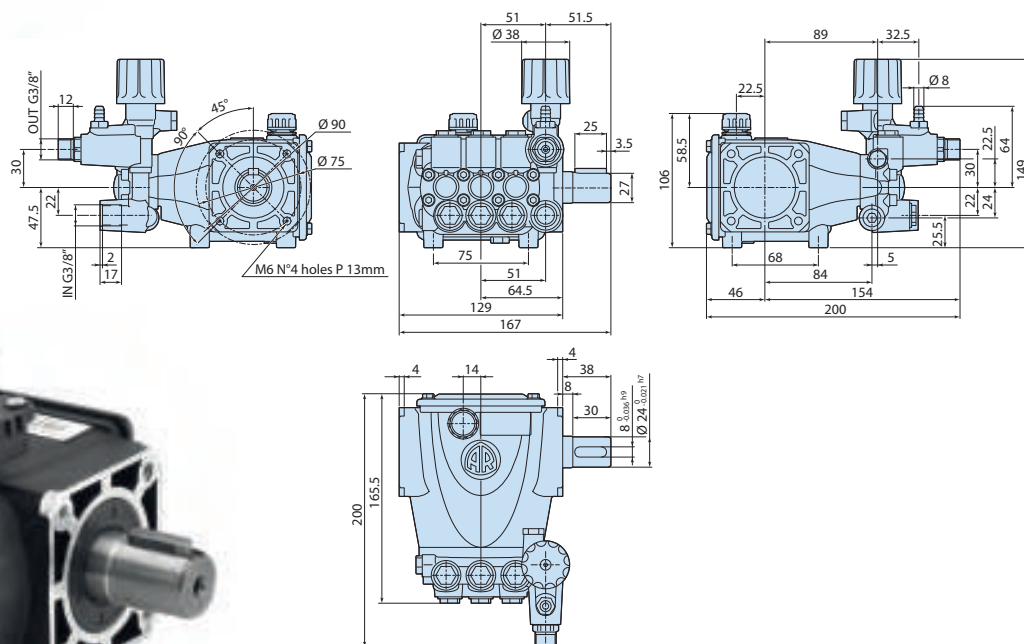
*Plungers in ceramic-coated stainless steel.*

# 414 Series

POMPA ALBERO MASCHIO  
Solid shaft pump



idropulitrici  
pressure  
washers



TSS version

## N version

| MOD                                | COD          |  |  |  |  |  |  |  |  |
|------------------------------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                    |              | l/min                                                                               | gpm                                                                                 | bar                                                                                 | psi                                                                                 | hp                                                                                  | kW                                                                                  | N° giri/1'                                                                          | kg                                                                                  |
| <b>JR 1450rpm Nversion Ø24mm</b>   |              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| JR 8.12 N TA                       | <b>27684</b> | 8                                                                                   | 2,11                                                                                | 120                                                                                 | 1740                                                                                | 2,5                                                                                 | 1,8                                                                                 | 1450                                                                                | 3,5                                                                                 |
| JR 8.12 N TSS TA                   | <b>27685</b> | 8                                                                                   | 2,11                                                                                | 120                                                                                 | 1740                                                                                | 2,5                                                                                 | 1,8                                                                                 | 1450                                                                                | 3,5                                                                                 |
| <b>JRA 1750 rpm Nversion Ø24mm</b> |              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| JRA 2.5G17 N TA                    | <b>27686</b> | 9,5                                                                                 | 2,5                                                                                 | 120                                                                                 | 1740                                                                                | 3                                                                                   | 2,2                                                                                 | 1750                                                                                | 3,5                                                                                 |
| <b>JRS 2800rpm Nversion Ø24mm</b>  |              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| JRS 8.14 N TA                      | <b>27592</b> | 8                                                                                   | 2,11                                                                                | 140                                                                                 | 2000                                                                                | 3                                                                                   | 2,2                                                                                 | 2800                                                                                | 3,5                                                                                 |
| JRS 8.14 N TSS TA                  | <b>27593</b> | 8                                                                                   | 2,11                                                                                | 140                                                                                 | 2000                                                                                | 3                                                                                   | 2,2                                                                                 | 2800                                                                                | 3,5                                                                                 |
| JRS 10.14 N TA                     | <b>27594</b> | 10                                                                                  | 2,64                                                                                | 140                                                                                 | 2000                                                                                | 4                                                                                   | 3                                                                                   | 2800                                                                                | 3,5                                                                                 |
| JRS 10.14 N TSS TA                 | <b>27595</b> | 10                                                                                  | 2,64                                                                                | 140                                                                                 | 2000                                                                                | 4                                                                                   | 3                                                                                   | 2800                                                                                | 3,5                                                                                 |
| JRS 14.12 N TA                     | <b>27596</b> | 14                                                                                  | 3,7                                                                                 | 120                                                                                 | 1740                                                                                | 4,4                                                                                 | 3,3                                                                                 | 2800                                                                                | 3,5                                                                                 |
| JRS 14.12 N TSS TA                 | <b>27597</b> | 14                                                                                  | 3,7                                                                                 | 120                                                                                 | 1740                                                                                | 4,4                                                                                 | 3,3                                                                                 | 2800                                                                                | 3,5                                                                                 |

**NEW**

**TSS**  
Total Stop  
SYSTEM



testa in  
alluminio  
aluminium  
head



bielle in  
alluminio  
aluminium  
connecting-rod







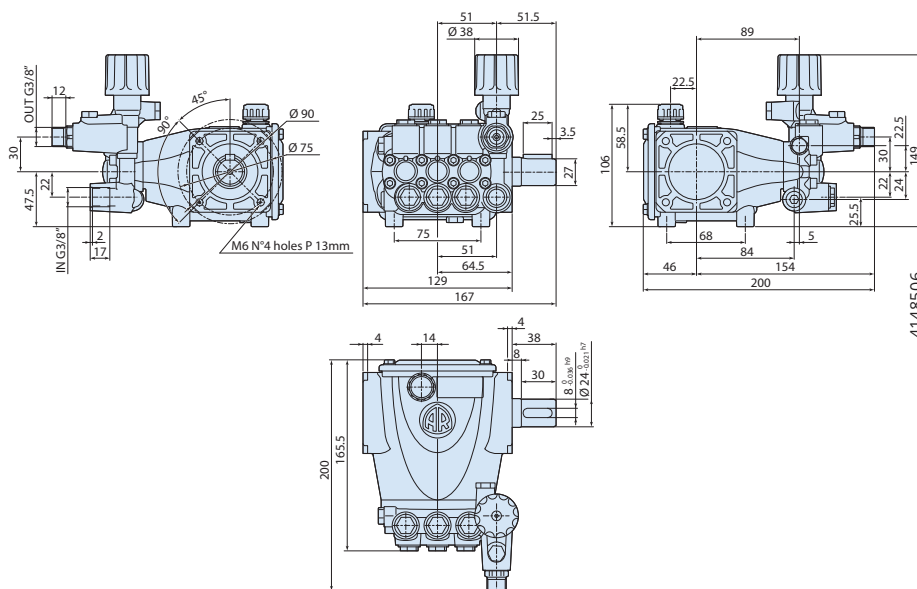


# 414 Series

## POMPA ALBERO MASCHIO Solid shaft pump



misting



4148506

## N version

Flangiatura compatibile XT N.  
XT N flange type.

| MOD                          | COD   | <br>MAX | <br>MAX |  |  |      |      |            |    |
|------------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|------|------------|----|
|                              |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                 | hp   | kW   | N° giri/1' | kg |
| JR-M 1450rpm Nversion Ø24mm  |       |                                                                                            |                                                                                            |                                                                                     |                                                                                     |      |      |            |    |
| JR-M 01.10 N                 | 25947 | 1                                                                                          | 0,26                                                                                       | 100                                                                                 | 1450                                                                                | 0,27 | 0,2  | 1450       | 4  |
| JR-M 02.10 N                 | 25948 | 2                                                                                          | 0,52                                                                                       | 100                                                                                 | 1450                                                                                | 0,55 | 0,4  | 1450       | 4  |
| JR-M 03.10 N                 | 25949 | 3                                                                                          | 0,8                                                                                        | 100                                                                                 | 1450                                                                                | 0,8  | 0,6  | 1450       | 4  |
| JRA-M 1750rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                     |      |      |            |    |
| JRA-M0.25 G15 N              | 25950 | 1                                                                                          | 0,26                                                                                       | 100                                                                                 | 1450                                                                                | 0,32 | 0,25 | 1750       | 4  |
| JRA-M 0.5 G15 N              | 25951 | 2                                                                                          | 0,52                                                                                       | 100                                                                                 | 1450                                                                                | 0,65 | 0,47 | 1750       | 4  |
| JRA-M 1 G15 N                | 25952 | 3,8                                                                                        | 1                                                                                          | 100                                                                                 | 1450                                                                                | 0,92 | 0,7  | 1750       | 4  |



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods





# 414 Series

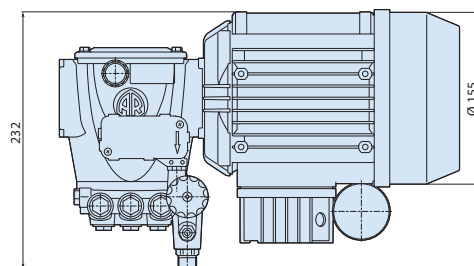
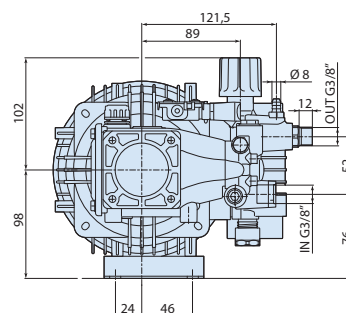
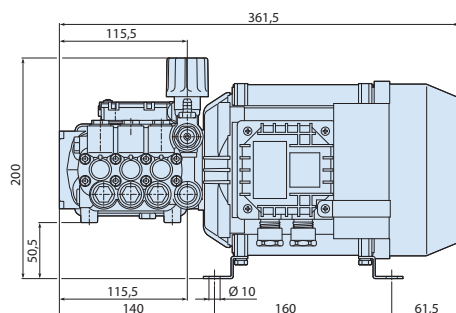
## ELECTRIC MOTOR-PUMP UNITS



idropultrici  
pressure  
washers



GR. 80 AR motor hollow shaft



4148512

| MOD                 | COD          |  MAX |      |  MAX |      |  |     |  |          |  |      |
|---------------------|--------------|-----------------------------------------------------------------------------------------|------|-----------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|-----|---------------------------------------------------------------------------------------|----------|---------------------------------------------------------------------------------------|------|
|                     | 1 ~          | l/min                                                                                   | gpm  | bar                                                                                     | psi  | hp                                                                                  | kW  | N° giri/1'                                                                            | V 1-50Hz | Gr.                                                                                   | kg   |
| <b>HJRS 2800rpm</b> |              |                                                                                         |      |                                                                                         |      |                                                                                     |     |                                                                                       |          |                                                                                       |      |
| HJRS 8.13 TSS EM    | <b>27162</b> | 8                                                                                       | 2,11 | 130                                                                                     | 1900 | 2,5                                                                                 | 2   | 2800                                                                                  | 230      | 80                                                                                    | 19   |
| HJRS 8.15 TSS EM    | <b>27163</b> | 8                                                                                       | 2,11 | 150                                                                                     | 2200 | 3                                                                                   | 2,2 | 2800                                                                                  | 230      | 80                                                                                    | 17,8 |
| HJRS 10.12 TSS EM   | <b>27164</b> | 10                                                                                      | 2,64 | 120                                                                                     | 1740 | 3                                                                                   | 2,2 | 2800                                                                                  | 230      | 80                                                                                    | 19   |



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods



1~50Hz  
frequenza  
motore  
motor  
frequency



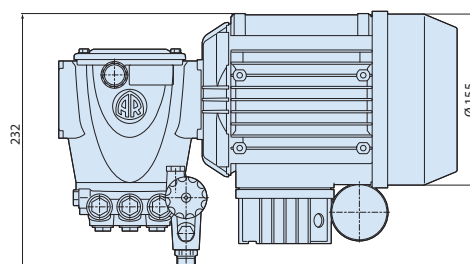
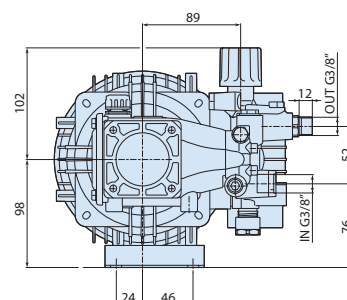
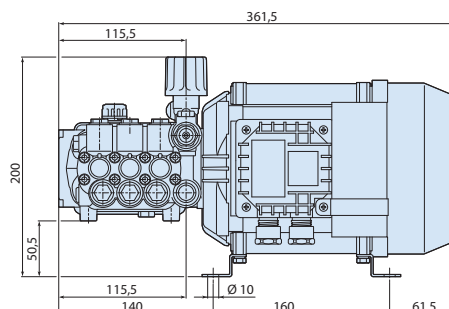
TSS®  
Total Stop  
SYSTEM



misting



GR. 80 AR motor hollow shaft



4148511

| MOD                  | COD          | <br>MAX | <br>MAX | <br>N° giri/1' V 1-50Hz | <br>NET |
|----------------------|--------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|
|                      | 1 ~          | l/min<br>gpm                                                                               | bar<br>psi                                                                                 | hp<br>kW                                                                                                   | Gr.<br>kg                                                                                    |
| <b>HJR-M 1450rpm</b> |              |                                                                                            |                                                                                            |                                                                                                            |                                                                                              |
| HJR-M 01.10 EM       | <b>27159</b> | 1<br>0,26                                                                                  | 100<br>1450                                                                                | 0,5<br>0,35                                                                                                | 1450<br>230<br>80<br>16                                                                      |
| HJR-M 02.10 EM       | <b>27160</b> | 2<br>0,52                                                                                  | 100<br>1450                                                                                | 0,5<br>0,35                                                                                                | 1450<br>230<br>80<br>16                                                                      |
| HJR-M 03.10 EM       | <b>27161</b> | 3<br>0,8                                                                                   | 100<br>1450                                                                                | 0,8<br>0,6                                                                                                 | 1450<br>230<br>80<br>16                                                                      |



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods



frequenza  
motore  
motor  
frequency





RC  
RCA  
RCS  
RCV  
RC-M  
RCA-M  
HRC

## 320 SERIES



# 320 SERIES

RC  
RCA  
RCS  
RCV  
RC-M  
RCA-M

HRC



Corpo e coperchi in alluminio pressofuso.

Coperchio laterale chiuso o con livello olio. Coperchio posteriore con scarico olio.

Bielle in lega zinco- alluminio pressofuso.

Testa in ottone stampato con possibilità di valvola di regolazione integrata.

Pistoni in ceramica.

*Crankcase and back cover in pressure die-cast aluminium alloy.*

*Side cover closed or incorporated with oil sight glass. Back cover incorporated with oil drain outlet.*

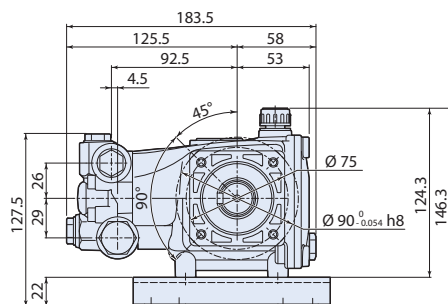
*Connecting rods in die-cast zinc-aluminium alloy.*

*Pump head in forged brass. Possibility to have integrated pressure regulating valve on pump head.*

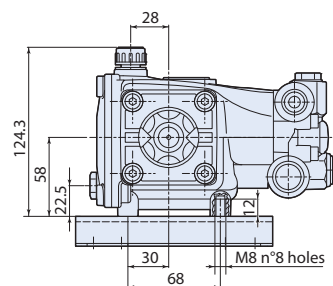
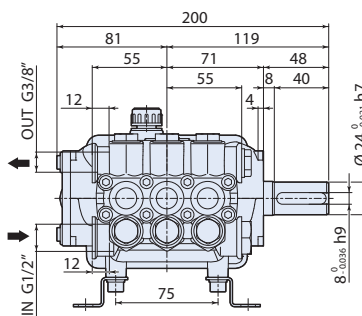
*Ceramic plungers.*



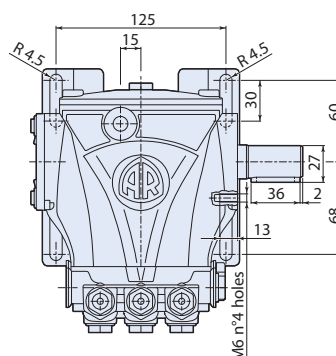
idropultrici  
pressure  
washers



Piedi a richiesta.  
Base on request.



3208500



## N version

Flangiatura compatibile XT N.  
XT N flange type.

| MOD | COD | <br>MAX | <br>MAX |  |    |            | <br>KG<br>NET |
|-----|-----|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|------------|--------------------------------------------------------------------------------------------------|
|     |     | l/min    gpm                                                                               | bar    psi                                                                                 | hp                                                                                  | kW | N° giri/1' | kg                                                                                               |

### RC 1450rpm Nversion Ø24mm

|            |              |    |      |     |      |     |     |      |   |
|------------|--------------|----|------|-----|------|-----|-----|------|---|
| RC 8.15 N  | <b>23260</b> | 8  | 2,11 | 150 | 2200 | 3   | 2,2 | 1450 | 5 |
| RC 9.15 N  | <b>23263</b> | 9  | 2,37 | 150 | 2200 | 3,5 | 3   | 1450 | 5 |
| RC 10.12 N | <b>23384</b> | 10 | 2,64 | 120 | 1740 | 3   | 2,2 | 1450 | 5 |
| RC 10.15 N | <b>23436</b> | 10 | 2,64 | 150 | 2200 | 4   | 3   | 1450 | 5 |
| RC 11.17 N | <b>23261</b> | 11 | 2,90 | 170 | 2500 | 5   | 3,7 | 1450 | 5 |
| RC 12.17 N | <b>23262</b> | 12 | 3,20 | 170 | 2500 | 5,5 | 4   | 1450 | 5 |
| RC 13.17 N | <b>23081</b> | 13 | 3,43 | 170 | 2500 | 5,5 | 4   | 1450 | 5 |
| RC 14.16 N | <b>23301</b> | 14 | 3,70 | 160 | 2300 | 5,5 | 4   | 1450 | 5 |
| RC 14.20 N | <b>26920</b> | 14 | 3,70 | 200 | 2900 | 7,5 | 5,5 | 1450 | 5 |

### RCA 1750rpm Nversion Ø24mm

|               |              |      |     |     |      |     |     |      |   |
|---------------|--------------|------|-----|-----|------|-----|-----|------|---|
| RCA 2.5 G25 N | <b>23437</b> | 9,5  | 2,5 | 170 | 2500 | 4,5 | 3,3 | 1750 | 5 |
| RCA 3 G25 N   | <b>23438</b> | 11,4 | 3   | 170 | 2500 | 5   | 3,7 | 1750 | 5 |
| RCA 3.5 G25 N | <b>23264</b> | 13,2 | 3,5 | 170 | 2500 | 5,5 | 4   | 1750 | 5 |

### RCS 2800rpm Nversion Ø24mm

|             |              |    |      |     |      |     |     |      |   |
|-------------|--------------|----|------|-----|------|-----|-----|------|---|
| RCS 8.17 N  | <b>23667</b> | 8  | 2,11 | 170 | 2500 | 3   | 2,2 | 2800 | 5 |
| RCS 11.17 N | <b>23670</b> | 11 | 2,90 | 170 | 2500 | 5   | 3,7 | 2800 | 5 |
| RCS 13.17 N | <b>23671</b> | 13 | 3,43 | 170 | 2500 | 5,5 | 4   | 2800 | 5 |
| RCS 15.15 N | <b>23672</b> | 15 | 3,96 | 150 | 2200 | 5,5 | 4   | 2800 | 5 |



testa in  
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brass  
head



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alluminio  
aluminium  
connecting-rods



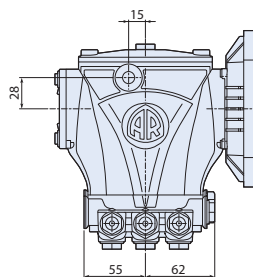
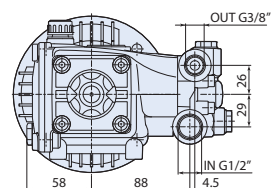
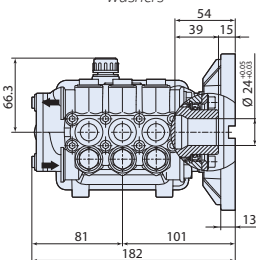
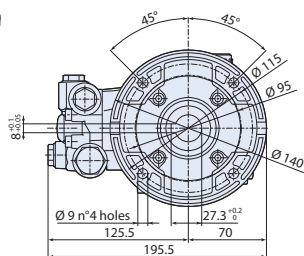


# 320 series

## POMPA ALBERO CAVO Hollow shaft pump



idropulitrici  
pressure  
washers



3208503

## C version + F6

| MOD | COD | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |    |
|-----|-----|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----|----|------------|----|
|     |     | l/min                                                                                    | gpm                                                                                      | bar                                                                               | psi                                                                                            | hp | kW | N° giri/1' | kg |

### RC 1450rpm Cversion + F6 Ø24mm

|                 |              |    |      |     |      |     |     |      |     |
|-----------------|--------------|----|------|-----|------|-----|-----|------|-----|
| RC 8.15 C + F6  | <b>23493</b> | 8  | 2,11 | 150 | 2200 | 3   | 2,2 | 1450 | 5,5 |
| RC 9.14 C + F6  | <b>23494</b> | 9  | 2,37 | 140 | 2000 | 3,3 | 2,4 | 1450 | 5,5 |
| RC 11.11 C + F6 | <b>23495</b> | 11 | 2,90 | 110 | 1600 | 3   | 2,2 | 1450 | 5,5 |

Flangia F6, per motori elettrici B14 Gr.90 IEC34-7, 4 poli 50Hz. Flangia inclusa.  
F6 flange for electric motor B14 90 IEC34-7, 4 poles 50Hz. Flange included.

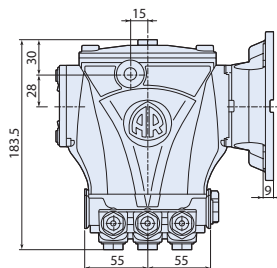
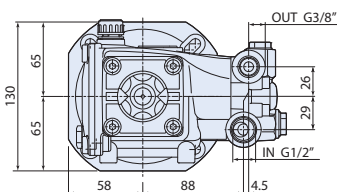
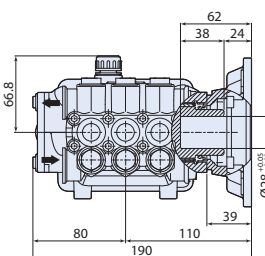
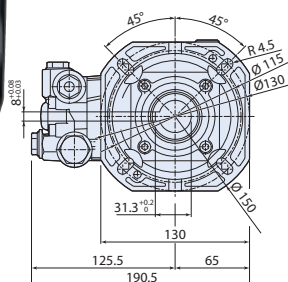


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bielle in  
alluminio  
aluminium  
connecting-rods

## POMPA ALBERO CAVO Hollow shaft pump



3208509



idropulitrici  
pressure  
washers

## C version + F44

| MOD | COD | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |    |
|-----|-----|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|------------|----|
|     |     | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N° giri/1' | kg |

### RC 1450rpm Cversion + F44 Ø28mm

|                  |              |    |      |     |      |     |     |      |     |
|------------------|--------------|----|------|-----|------|-----|-----|------|-----|
| RC 12.10 C + F44 | <b>23902</b> | 12 | 3,20 | 100 | 1450 | 3   | 2,2 | 1450 | 5,5 |
| RC 13.17 C + F44 | <b>23535</b> | 13 | 3,43 | 170 | 2500 | 5,5 | 4   | 1450 | 5,5 |
| RC 14.16 C + F44 | <b>23536</b> | 14 | 3,70 | 160 | 2300 | 5,5 | 4   | 1450 | 5,5 |

Flangia F44 per motori elettrici B14 Gr.100 IEC34-7, 4 poli 50Hz. Flangia inclusa.  
F44 flange for electric motor B14 100 IEC34-7, 4 poles 50Hz. Flange included.



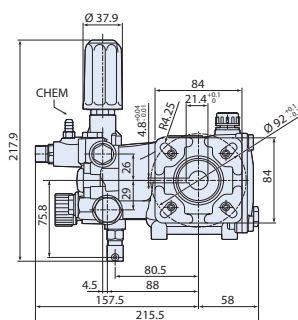
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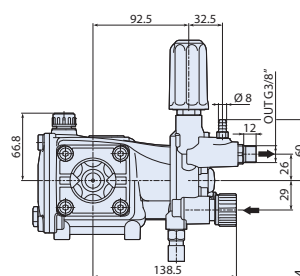
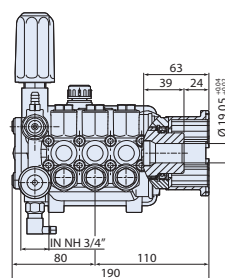
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alluminio  
aluminium  
connecting-rods

# 320 Series

## POMPA ALBERO CAVO Hollow shaft pump



idropultrici  
pressure  
washers



3208524

## D version + F7

| MOD | COD |       |     |     |     |    |    |            |    |
|-----|-----|-------|-----|-----|-----|----|----|------------|----|
|     |     | l/min | gpm | bar | psi | hp | kW | N° giri/1' | kg |

### RCV 3400rpm Dversion + F7 Ø 3/4"

|                    |              |      |     |     |      |     |     |      |     |
|--------------------|--------------|------|-----|-----|------|-----|-----|------|-----|
| RCV 2.5 G25 D + F7 | <b>23970</b> | 9,5  | 2,5 | 170 | 2500 | 4,5 | 3,3 | 3400 | 5,5 |
| RCV 3 G25 D + F7   | <b>23471</b> | 11,4 | 3   | 170 | 2500 | 5   | 3,7 | 3400 | 5,5 |
| RCV 3.5 G25 D + F7 | <b>23971</b> | 13,2 | 3,5 | 170 | 2500 | 5,5 | 4   | 3400 | 5,5 |

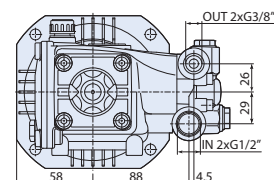
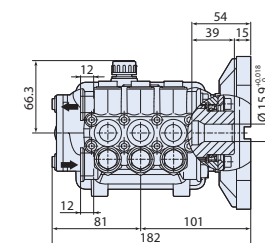
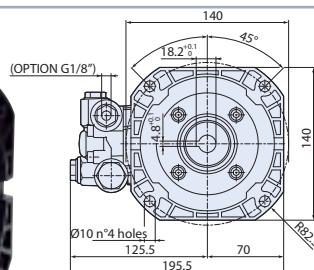
Per motori scoppio flangia Ø 3/4" SAE J609a. Flangia inclusa.  
For gasoline engine flange Ø 3/4" SAE J609a. Flange included.



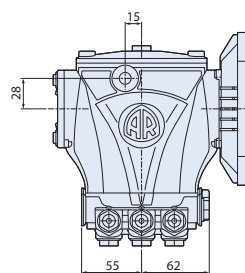
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bielle in  
alluminio  
aluminium  
connecting-rods



3208502



idropultrici  
pressure  
washers

## E version + F8

| MOD | COD |       |     |     |     |    |    |            |    |
|-----|-----|-------|-----|-----|-----|----|----|------------|----|
|     |     | l/min | gpm | bar | psi | hp | kW | N° giri/1' | kg |

### RCA 1750rpm Eversion + F8 Ø 5/8"

|                    |              |      |      |     |      |   |     |      |     |
|--------------------|--------------|------|------|-----|------|---|-----|------|-----|
| RCA 2 G22 E + F8   | <b>23439</b> | 8    | 2,11 | 150 | 2200 | 3 | 2,2 | 1750 | 5,5 |
| RCA 3 G18 E + F8   | <b>23440</b> | 11,4 | 3    | 120 | 1740 | 4 | 3   | 1750 | 5,5 |
| RCA 3.5 G16 E + F8 | <b>23468</b> | 13,2 | 3,5  | 110 | 1600 | 4 | 3   | 1750 | 5,5 |

### RCV 3400rpm Eversion + F8 Ø 5/8"

|                  |              |      |      |     |      |   |     |      |     |
|------------------|--------------|------|------|-----|------|---|-----|------|-----|
| RCV 2 G25 E + F8 | <b>23469</b> | 8    | 2,11 | 170 | 2500 | 5 | 3,7 | 3400 | 5,5 |
| RCV 3 G25 E + F8 | <b>23107</b> | 11,4 | 3    | 170 | 2500 | 5 | 3,7 | 3400 | 5,5 |

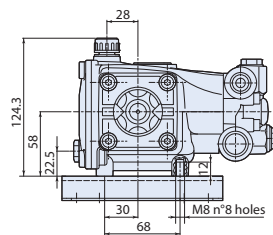
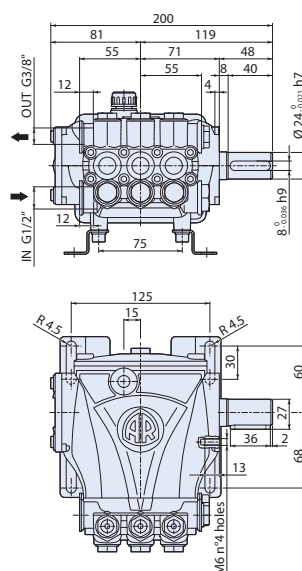
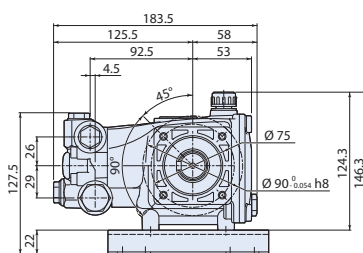


testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods

Flangia F8 per motori elettrici NEMA 56-C, 60Hz. Flangia inclusa.  
F8 flange for electric motor NEMA 56-C, 60Hz. Flange included.



Piedi a richiesta.  
*Base on request.*

3208500



misting

## N version

Flangiatura compatibile XT N.  
*XT N flange type.*

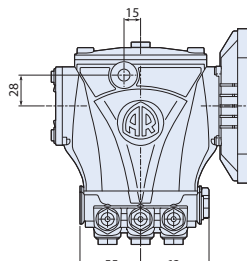
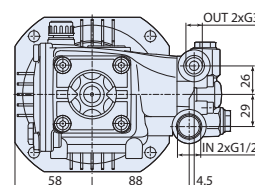
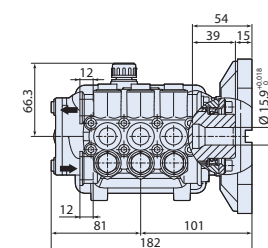
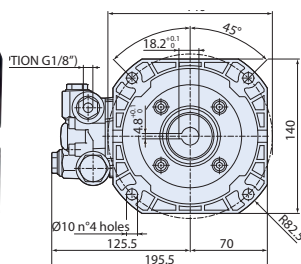
| MOD                                | COD          |  MAX<br>l/min |  MAX<br>gpm | bar | psi  | hp   |  kW | N° giri/1' |  KG<br>NET |
|------------------------------------|--------------|------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----|------|------|--------------------------------------------------------------------------------------|------------|---------------------------------------------------------------------------------------------|
| <b>RC-M 1450rpm</b> Nversion Ø24mm |              |                                                                                                |                                                                                              |     |      |      |                                                                                      |            |                                                                                             |
| RC-M 01.10 N                       | <b>23441</b> | 1                                                                                              | 0,26                                                                                         | 100 | 1450 | 0,26 | 0,2                                                                                  | 1450       | 5                                                                                           |
| RC-M 02.10 N                       | <b>23432</b> | 2                                                                                              | 0,52                                                                                         | 100 | 1450 | 0,52 | 0,4                                                                                  | 1450       | 5                                                                                           |
| RC-M 03.10 N                       | <b>23442</b> | 3                                                                                              | 0,80                                                                                         | 100 | 1450 | 0,78 | 0,58                                                                                 | 1450       | 5                                                                                           |
| RC-M 04.10 N                       | <b>23083</b> | 4                                                                                              | 1,06                                                                                         | 100 | 1450 | 1,05 | 0,77                                                                                 | 1450       | 5                                                                                           |
| RC-M 05.10 N                       | <b>23443</b> | 5                                                                                              | 1,33                                                                                         | 100 | 1450 | 1,31 | 0,98                                                                                 | 1450       | 5                                                                                           |
| RC-M 06.10 N                       | <b>23444</b> | 6                                                                                              | 1,58                                                                                         | 100 | 1450 | 1,57 | 1,17                                                                                 | 1450       | 5                                                                                           |



**testa in  
ottone**  
*brass  
head*



**bielle in alluminio**  
aluminium  
connecting-rods



3208502



misting

### E version + F8

| MOD                                | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |      |      |            |     |
|------------------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------|------|------------|-----|
|                                    |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp   | kW   | N° giri/1' | kg  |
| RCA-M 1750rpm Eversion + F8 Ø 5/8" |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |      |      |            |     |
| RCA-M 0.5G15 E + F8                | 23349 | 2                                                                                          | 0,52                                                                                       | 100                                                                                 | 1450                                                                                             | 0,52 | 0,4  | 1750       | 5,5 |
| RCA-M 1G15 E + F8                  | 23108 | 4                                                                                          | 1,06                                                                                       | 100                                                                                 | 1450                                                                                             | 1,26 | 0,93 | 1750       | 5,5 |
| RCA-M 2G15 E + F8                  | 23445 | 8                                                                                          | 2,11                                                                                       | 100                                                                                 | 1450                                                                                             | 2,10 | 1,55 | 1750       | 5,5 |

Flangia F8 per motori elettrici NEMA 56-C, 60Hz. Flangia inclusa.  
F8 flange for electric motor NEMA 56-C, 60Hz. Flange included.



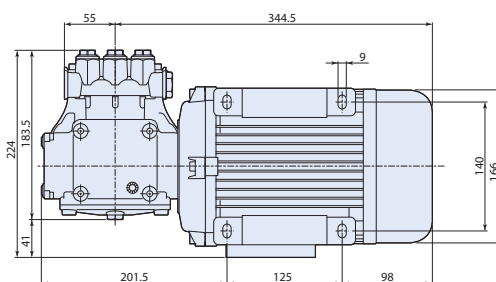
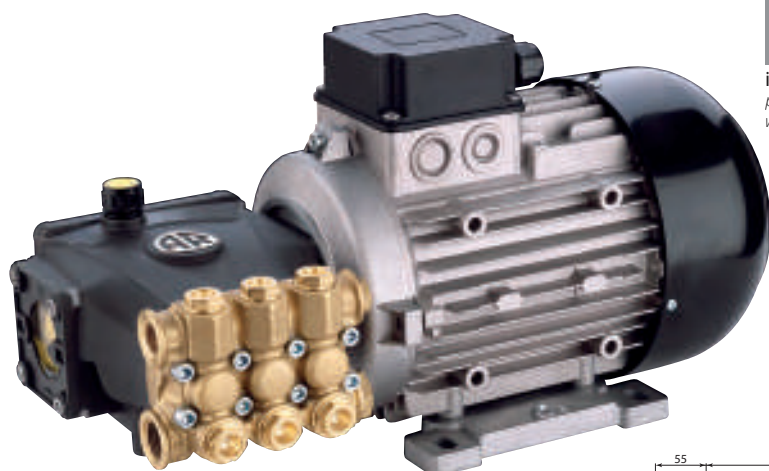
**testa in  
ottone**  
*brass  
head*



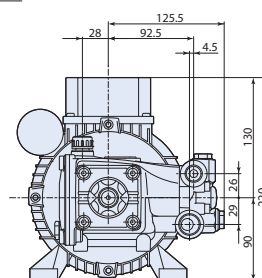
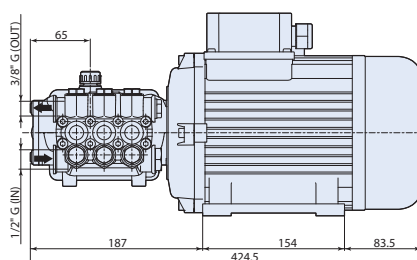
**bielle in alluminio**  
aluminium  
connecting-rods



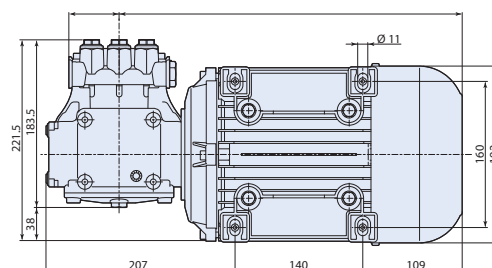
idropulitrici  
pressure  
washers



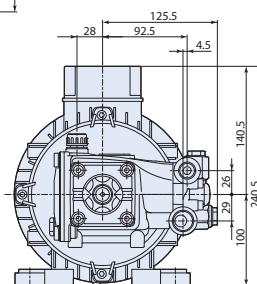
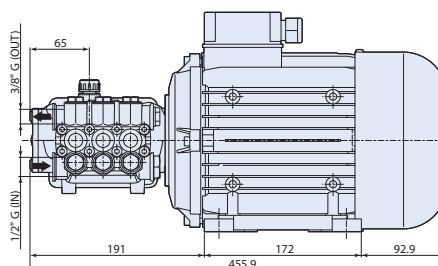
GR. 90L motor hollow shaft  
1 ~



3208525



GR. 100 motor hollow shaft  
3 ~



3208510

| MOD                | COD          |              |       |      |     |      |     |     |            |          |          |     |      |
|--------------------|--------------|--------------|-------|------|-----|------|-----|-----|------------|----------|----------|-----|------|
|                    | 1 ~          | 3 ~          | l/min | gpm  | bar | psi  | hp  | kW  | N° giri/1' | V 1-50Hz | V 3-50Hz | Gr. | kg   |
| <b>HRC 1450rpm</b> |              |              |       |      |     |      |     |     |            |          |          |     |      |
| HRC 10.13 EM       | <b>23485</b> | -            | 10    | 2,64 | 130 | 1900 | 3   | 2,2 | 1450       | 230      | -        | 90  | 22,1 |
| HRC 12.11 EM       | <b>23486</b> | -            | 12    | 3,20 | 110 | 1600 | 3   | 2,2 | 1450       | 230      | -        | 90  | 22,3 |
| HRC 11.15 ET       | -            | <b>23453</b> | 11    | 2,90 | 150 | 2200 | 4   | 3   | 1450       | -        | 230/400  | 100 | 28   |
| HRC 13.17 ET       | -            | <b>23454</b> | 13    | 3,43 | 170 | 2500 | 5,5 | 4   | 1450       | -        | 230/400  | 100 | 30   |
| HRC 14.16 ET       | -            | <b>23455</b> | 14    | 3,70 | 160 | 2300 | 5,5 | 4   | 1450       | -        | 230/400  | 100 | 30   |



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rod



1~50Hz  
frequenza  
motore  
motor  
frequency



3~50Hz  
frequenza  
motore  
motor  
frequency



# 132 SERIES

XT  
XTS  
XTA  
XTV  
HXT



Corpo e coperchi in alluminio pressofuso.

Coperchio posteriore con livello olio.

Bielle in lega zinco- alluminio pressofuso oppure in bronzo.

Testa in ottone stampato o in lega d'alluminio pressofuso.

Pistoni in ceramica.

*Crankcase and back cover in pressure die-cast aluminium alloy.*

*Back cover incorporated with oil sight glass.*

*Connecting rods in die-cast zinc-aluminium alloy. Bronze connecting rods available.*

*Pump head in forged brass or die-cast aluminium alloy.*

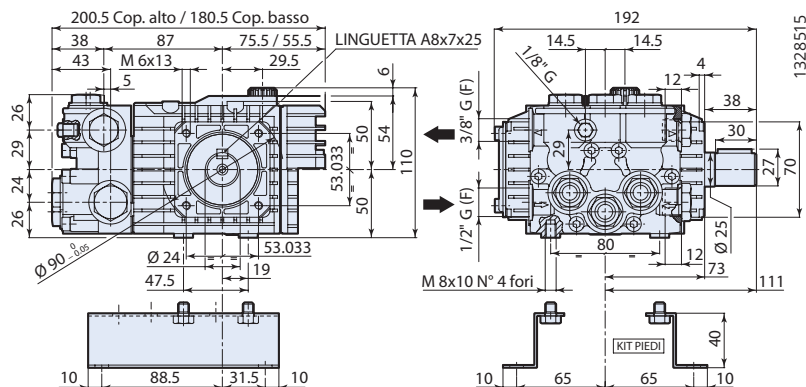
*Ceramic plungers.*



idropultrici  
pressure  
washers



● Model brass head



Piedi a richiesta.  
Base on request.

## N version

| MOD                               | COD           |  |  |  |  |  |  |  |  |
|-----------------------------------|---------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                   |               | l/min                                                                             | gpm                                                                               | bar                                                                               | psi                                                                               | hp                                                                                  | kW                                                                                  | N° giri/1'                                                                          | kg                                                                                  |
| <b>XT 1450rpm</b> Nversion Ø24mm  |               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| XT 8.10 N                         | <b>7002</b>   | 8                                                                                 | 2,11                                                                              | 100                                                                               | 1450                                                                              | 2                                                                                   | 1,5                                                                                 | 1450                                                                                | 3,8                                                                                 |
| ● XT 8.15 N                       | ● <b>6979</b> | 8                                                                                 | 2,11                                                                              | 150                                                                               | 2200                                                                              | 3                                                                                   | 2,2                                                                                 | 1450                                                                                | 5                                                                                   |
| XT 9.11 N                         | ● <b>7006</b> | 9                                                                                 | 2,37                                                                              | 110                                                                               | 1600                                                                              | 2,5                                                                                 | 1,8                                                                                 | 1450                                                                                | 4                                                                                   |
| ● XT 9.15 N                       | ● <b>6980</b> | 9                                                                                 | 2,37                                                                              | 150                                                                               | 2200                                                                              | 3,5                                                                                 | 3,2                                                                                 | 1450                                                                                | 5                                                                                   |
| XT 10.10 N                        | ● <b>7334</b> | 10                                                                                | 2,64                                                                              | 100                                                                               | 1450                                                                              | 2,5                                                                                 | 1,8                                                                                 | 1450                                                                                | 4                                                                                   |
| ● XT 10.15 N                      | ● <b>6978</b> | 10                                                                                | 2,64                                                                              | 150                                                                               | 2200                                                                              | 4                                                                                   | 3                                                                                   | 1450                                                                                | 5                                                                                   |
| XT 11.07 N                        | <b>7003</b>   | 11                                                                                | 2,90                                                                              | 70                                                                                | 1000                                                                              | 2                                                                                   | 1,5                                                                                 | 1450                                                                                | 3,8                                                                                 |
| ● XT 11.15 N                      | ● <b>6981</b> | 11                                                                                | 2,90                                                                              | 150                                                                               | 2200                                                                              | 4,3                                                                                 | 3,2                                                                                 | 1450                                                                                | 5                                                                                   |
| XT 13.09 N                        | ● <b>7009</b> | 13                                                                                | 3,43                                                                              | 90                                                                                | 1300                                                                              | 3                                                                                   | 2,2                                                                                 | 1450                                                                                | 4                                                                                   |
| ● XT 13.15 N                      | ● <b>6982</b> | 13                                                                                | 3,43                                                                              | 150                                                                               | 2200                                                                              | 5                                                                                   | 3,6                                                                                 | 1450                                                                                | 5                                                                                   |
| <b>XTS 2800rpm</b> Nversion Ø24mm |               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| XTS 8.10 N                        | <b>7032</b>   | 8                                                                                 | 2,11                                                                              | 100                                                                               | 1450                                                                              | 2                                                                                   | 1,5                                                                                 | 2800                                                                                | 3,8                                                                                 |
| ● XTS 8.15 N                      | ● <b>7412</b> | 8                                                                                 | 2,11                                                                              | 150                                                                               | 2200                                                                              | 3                                                                                   | 2,2                                                                                 | 2800                                                                                | 5                                                                                   |
| XTS 10.10 N                       | <b>7332</b>   | 10                                                                                | 2,64                                                                              | 100                                                                               | 1450                                                                              | 2,5                                                                                 | 1,8                                                                                 | 2800                                                                                | 3,8                                                                                 |
| ● XTS 10.15 N                     | ● <b>7413</b> | 10                                                                                | 2,64                                                                              | 150                                                                               | 2200                                                                              | 4                                                                                   | 3                                                                                   | 2800                                                                                | 5                                                                                   |
| XTS 11.11 N                       | <b>7035</b>   | 11                                                                                | 2,90                                                                              | 110                                                                               | 1600                                                                              | 3                                                                                   | 2,2                                                                                 | 2800                                                                                | 3,8                                                                                 |
| ● XTS 11.15 N                     | ● <b>7414</b> | 11                                                                                | 2,90                                                                              | 150                                                                               | 2200                                                                              | 4,3                                                                                 | 3,2                                                                                 | 2800                                                                                | 5                                                                                   |
| XTS 13.09 N                       | <b>7037</b>   | 13                                                                                | 3,43                                                                              | 90                                                                                | 1300                                                                              | 3                                                                                   | 2,2                                                                                 | 2800                                                                                | 3,8                                                                                 |
| ● XTS 13.15 N                     | ● <b>7415</b> | 13                                                                                | 3,43                                                                              | 150                                                                               | 2200                                                                              | 5                                                                                   | 3,6                                                                                 | 2800                                                                                | 5                                                                                   |
| <b>XTA 1750rpm</b> Nversion Ø24mm |               |                                                                                   |                                                                                   |                                                                                   |                                                                                   |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| XTA 2 G15 N                       | <b>7072</b>   | 8                                                                                 | 2,11                                                                              | 100                                                                               | 1450                                                                              | 2                                                                                   | 1,5                                                                                 | 1750                                                                                | 3,8                                                                                 |
| ● XTA 2 G22 N                     | ● <b>7416</b> | 8                                                                                 | 2,11                                                                              | 150                                                                               | 2200                                                                              | 3                                                                                   | 2,2                                                                                 | 1750                                                                                | 5                                                                                   |
| XTA 3 G16 N                       | ● <b>7437</b> | 11,4                                                                              | 3                                                                                 | 110                                                                               | 1600                                                                              | 3                                                                                   | 2,2                                                                                 | 1750                                                                                | 4                                                                                   |
| ● XTA 3 G22 N                     | ● <b>7417</b> | 11,4                                                                              | 3                                                                                 | 150                                                                               | 2200                                                                              | 4,5                                                                                 | 3,4                                                                                 | 1750                                                                                | 5                                                                                   |
| XTA 3.5 G13 N                     | ● <b>7438</b> | 13,2                                                                              | 3,5                                                                               | 90                                                                                | 1300                                                                              | 3                                                                                   | 2,2                                                                                 | 1750                                                                                | 4                                                                                   |
| ● XTA 3.5 G20 N                   | ● <b>7418</b> | 13,2                                                                              | 3,5                                                                               | 140                                                                               | 2000                                                                              | 5                                                                                   | 3,6                                                                                 | 1750                                                                                | 5                                                                                   |
| XTA 4 G10 N                       | <b>7079</b>   | 15,1                                                                              | 4                                                                                 | 70                                                                                | 1000                                                                              | 3                                                                                   | 2,2                                                                                 | 1750                                                                                | 3,8                                                                                 |
| XTA 4 G15 N                       | ● <b>7083</b> | 15,1                                                                              | 4                                                                                 | 100                                                                               | 1450                                                                              | 4                                                                                   | 3                                                                                   | 1750                                                                                | 4                                                                                   |



● testa in  
ottone  
brass  
head



● bielle in  
bronzo  
bronze  
connecting-rods



● testa in  
alluminio  
aluminium  
head



● bielle in  
alluminio  
aluminium  
connecting-rods



# 132 Series

## POMPA ALBERO CAVO Hollow shaft pump

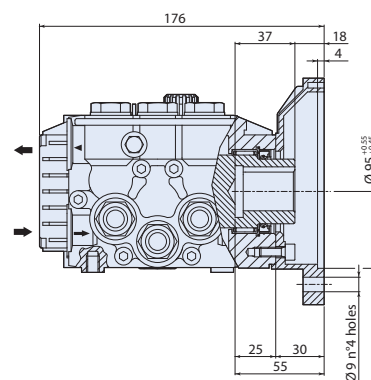
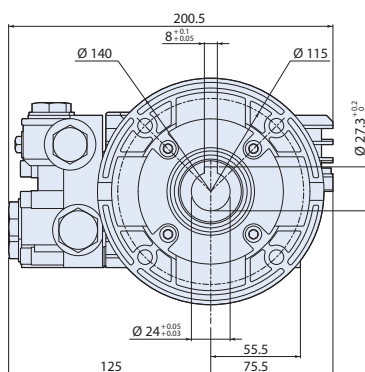


idropulitrici  
pressure  
washers



● Model brass head

1328507



Flangia F6 fornita a richiesta.  
F6 flange on request.

## C version

| MOD                               | COD           |  |  |  |  |  |  |  |  |
|-----------------------------------|---------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                   |               | l/min                                                                               | gpm                                                                                 | bar                                                                                 | psi                                                                                 | hp                                                                                    | kW                                                                                    | N° giri/1'                                                                            | kg                                                                                    |
| <b>XT 1450rpm Cversion Ø24mm</b>  |               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| XT 8.10 C                         | <b>7018</b>   | 8                                                                                   | 2,11                                                                                | 100                                                                                 | 1450                                                                                | 2                                                                                     | 1,5                                                                                   | 1450                                                                                  | 3,8                                                                                   |
| ● XT 8.14 C                       | ● <b>7025</b> | 8                                                                                   | 2,11                                                                                | 140                                                                                 | 2000                                                                                | 3                                                                                     | 2,2                                                                                   | 1450                                                                                  | 5                                                                                     |
| XT 9.11 C                         | ● <b>7022</b> | 9                                                                                   | 2,37                                                                                | 110                                                                                 | 1600                                                                                | 2,5                                                                                   | 1,8                                                                                   | 1450                                                                                  | 4                                                                                     |
| ● XT 9.14 C                       | ● <b>6991</b> | 9                                                                                   | 2,37                                                                                | 140                                                                                 | 2000                                                                                | 3,3                                                                                   | 2,4                                                                                   | 1450                                                                                  | 5                                                                                     |
| XT 11.11 C                        | ● <b>7103</b> | 11                                                                                  | 2,90                                                                                | 110                                                                                 | 1600                                                                                | 3                                                                                     | 2,2                                                                                   | 1450                                                                                  | 4                                                                                     |
| ● XT 11.14 C                      | ● <b>7104</b> | 11                                                                                  | 2,90                                                                                | 140                                                                                 | 2000                                                                                | 4                                                                                     | 3                                                                                     | 1450                                                                                  | 4                                                                                     |
| XT 13.09 C                        | ● <b>7119</b> | 13                                                                                  | 3,43                                                                                | 90                                                                                  | 1300                                                                                | 3                                                                                     | 2,2                                                                                   | 1450                                                                                  | 4                                                                                     |
| <b>XTS 2800rpm Cversion Ø24mm</b> |               |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| XTS 8.10 C                        | <b>7061</b>   | 8                                                                                   | 2,11                                                                                | 100                                                                                 | 1450                                                                                | 2                                                                                     | 1,5                                                                                   | 2800                                                                                  | 3,8                                                                                   |
| ● XTS 8.14 C                      | ● <b>7068</b> | 8                                                                                   | 2,11                                                                                | 140                                                                                 | 2000                                                                                | 3                                                                                     | 2,2                                                                                   | 2800                                                                                  | 5                                                                                     |
| XTS 11.11 C                       | ● <b>7064</b> | 11                                                                                  | 2,90                                                                                | 110                                                                                 | 1600                                                                                | 3                                                                                     | 2,2                                                                                   | 2800                                                                                  | 4                                                                                     |
| ● XTS 11.14 C                     | ● <b>7069</b> | 11                                                                                  | 2,90                                                                                | 140                                                                                 | 2000                                                                                | 4                                                                                     | 3                                                                                     | 2800                                                                                  | 5                                                                                     |
| XTS 13.09 C                       | ● <b>7066</b> | 13                                                                                  | 3,43                                                                                | 90                                                                                  | 1300                                                                                | 3                                                                                     | 2,2                                                                                   | 2800                                                                                  | 4                                                                                     |
| ● XTS 13.12 C                     | ● <b>7287</b> | 13                                                                                  | 3,43                                                                                | 120                                                                                 | 1740                                                                                | 4                                                                                     | 3                                                                                     | 2800                                                                                  | 5                                                                                     |



● testa in  
ottone  
brass  
head



● bielle in  
bronzo  
bronze  
connecting-rods

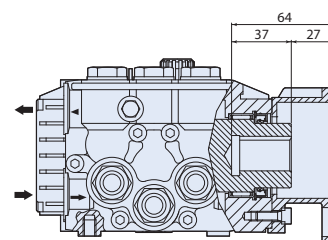


testa in  
alluminio  
aluminium  
head



bielle in  
alluminio  
aluminium  
connecting-rods

Flangia F6, per motori elettrici B14 Gr.90 IEC34-7. Flangia non inclusa.  
F6 flange for electric motor B14 90 IEC34-7. Flange not included.



Flangia F7 fornita a richiesta.  
*F7 flange on request.*

Per motori scoppio flangia F7 Ø 3/4" SAE J609a. Flangia non inclusa.  
For gasoline engine flange F7 Ø 3/4" SAE J609a. Flange not included.

**bielle in  
alluminio**  
*aluminium  
connecting-rods*

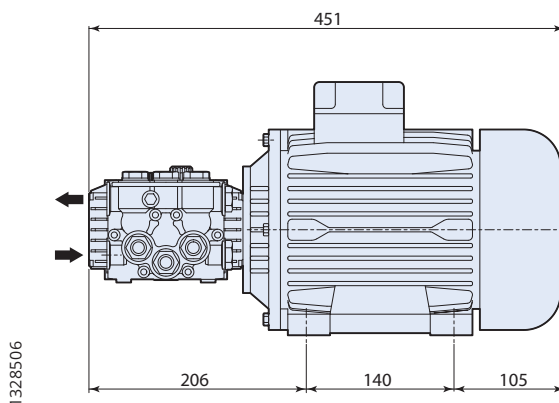




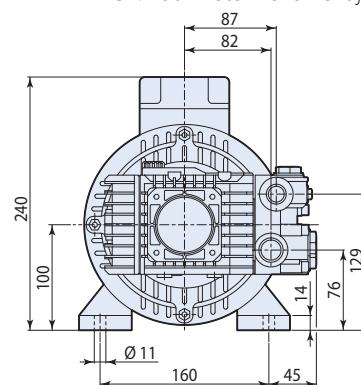
idropulitrici  
pressure  
washers



Model aluminium head



GR. 100 motor hollow shaft



| MOD            | COD  | <br>MAX | <br>MAX |  |     |      |    |     |            |          |          | <br>NET |      |
|----------------|------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|------|----|-----|------------|----------|----------|----------------------------------------------------------------------------------------------|------|
|                | 1 ~  | 3 ~                                                                                        | l/min                                                                                      | gpm                                                                                 | bar | psi  | hp | kW  | N° giri/1' | V 1-50Hz | V 3-50Hz | Gr.                                                                                          | kg   |
| HXT 1450rpm    |      |                                                                                            |                                                                                            |                                                                                     |     |      |    |     |            |          |          |                                                                                              |      |
| ● HXT 8.14 EM  | 7146 | -                                                                                          | 8                                                                                          | 2,11                                                                                | 140 | 2000 | 3  | 2,2 | 1450       | 230      | -        | 100                                                                                          | 28,5 |
| ● HXT 11.11 EM | 7148 | -                                                                                          | 11                                                                                         | 2,90                                                                                | 110 | 1600 | 3  | 2,2 | 1450       | 230      | -        | 100                                                                                          | 28   |
| ● HXT 11.14 ET | -    | 7154                                                                                       | 11                                                                                         | 2,90                                                                                | 140 | 2000 | 4  | 3   | 1450       | -        | 230/400  | 100                                                                                          | 30   |
| ● HXT 13.12 ET | -    | 7155                                                                                       | 13                                                                                         | 3,43                                                                                | 120 | 1740 | 4  | 3   | 1450       | -        | 230/400  | 100                                                                                          | 30   |



● testa in  
ottone  
brass  
head



testa in  
alluminio  
aluminium  
head



bielle in  
bronzo  
bronze  
connecting-rods



1~50Hz  
frequenza  
motore  
motor  
frequency



3~50Hz  
frequenza  
motore  
motor  
frequency



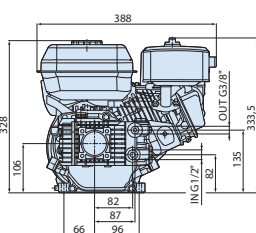
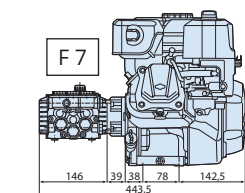
idropultrici  
pressure  
washers



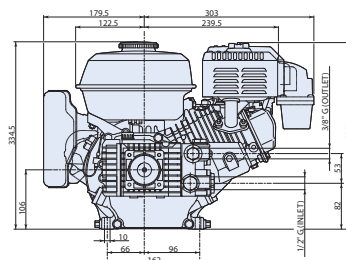
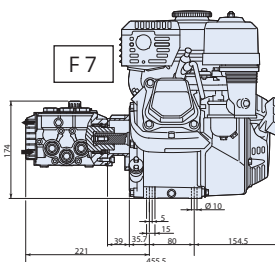
XTV 3400 rpm Direct Drive  
from B&S engine



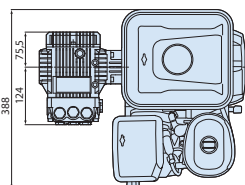
XTV 3400 rpm Direct Drive  
from Honda engine



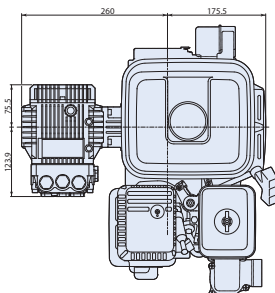
XTV 2 G15 B&S 550



XTV 3 G16 Honda GX160



1328519



1328517

| MOD                                | COD          | <br>MAX | <br>MAX | <br>RPM | <br>KG<br>NET |            |      |      |
|------------------------------------|--------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------|------|------|
|                                    | Engine<br>HP | l/min                                                                                      | gpm                                                                                        | bar                                                                                          | psi                                                                                                | N° giri/1' | kg   |      |
| XTV Direct Drive                   |              |                                                                                            |                                                                                            |                                                                                              |                                                                                                    |            |      |      |
| XTV 2 G15 B&S 550                  | 3,5          | 7466                                                                                       | 8                                                                                          | 2,11                                                                                         | 100                                                                                                | 1450       | 3400 | 18,5 |
| ● XTV 3 G16 HONDA GX 160K1-QX Type | 4,8          | 7469                                                                                       | 11,4                                                                                       | 3                                                                                            | 110                                                                                                | 1600       | 3400 | 20   |



● testa in  
ottone  
brass  
head



testa in  
alluminio  
aluminium  
head



bielle in  
alluminio  
aluminium  
connecting-rod



motore a  
scoppio  
gasoline  
engine

# 178 SERIES

XM · SXM  
XMA · SXMA  
XMS · SXMS  
XMV · SXMV  
XM-M  
XHW

HXM · HSXM  
XM+F38  
HYD-XM



Corpo e coperchi in alluminio pressofuso.

Coperchio posteriore con livello olio e scarico olio.

Bielle in lega zinco-alluminio pressofuso oppure in bronzo.

Testa in ottone stampato.

Pistoni in ceramica.

Possibilità di avere il corpo con trattamento di cataforesi (versione hot water).

Guarnizioni in PTFE (versione hot water).

*Crankcase and back cover in pressure die-cast aluminium alloy.*

*Back cover incorporated with oil sight glass and oil drain outlet.*

*Connecting rods in die-cast zinc-aluminium alloy.  
Bronze connecting rods available.*

*Pump head in forged brass.*

*Ceramic plungers.*

*Crankcase with cathaphoresis treatment (hot water version).*

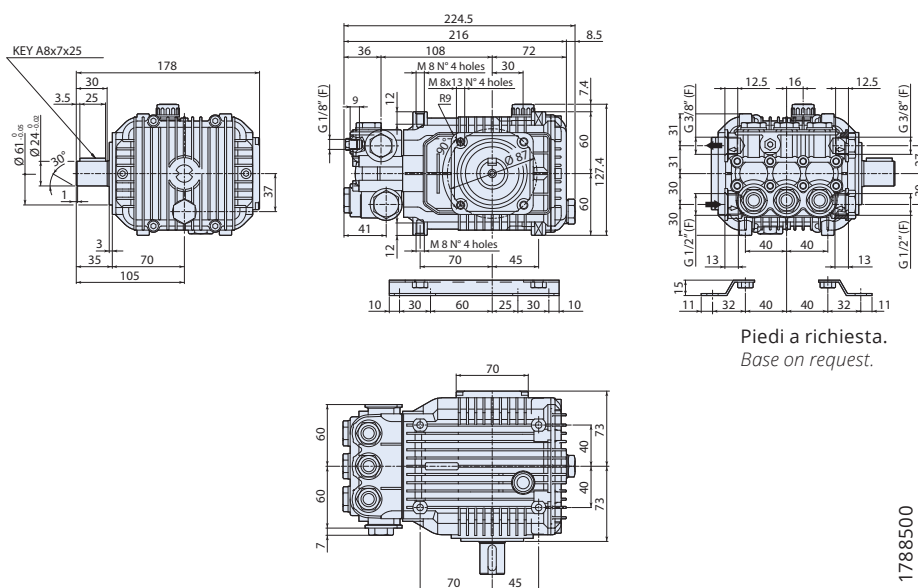
*PTFE gasket sealing (hot water version).*

# 178 Series

POMPA ALBERO MASCHIO  
Solid shaft pump



idropultrici  
pressure  
washers



1788500

## N version

| MOD                         | COD                                                                                       | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |            |     |
|-----------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|------------|-----|
|                             |                                                                                           | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N° giri/1' | kg  |
| XM 1450rpm Nversion Ø24mm   |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |     |
| XM 11.17 N                  | 7900                                                                                      | 11                                                                                         | 2,90                                                                                       | 170                                                                                 | 2500                                                                                             | 5   | 3,7 | 1450       | 6,5 |
| XM 13.17 N                  | 7902                                                                                      | 13                                                                                         | 3,43                                                                                       | 170                                                                                 | 2500                                                                                             | 5,5 | 4   | 1450       | 6,5 |
| XM 15.15 N                  | 7906                                                                                      | 15                                                                                         | 3,96                                                                                       | 150                                                                                 | 2200                                                                                             | 5,5 | 4   | 1450       | 6,5 |
| SXM 1450rpm Nversion Ø24mm  |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |     |
| SXM 11.20 N                 |  21374 | 11                                                                                         | 2,90                                                                                       | 200                                                                                 | 2900                                                                                             | 5,5 | 4   | 1450       | 6,5 |
| SXM 13.20 N                 |  21267 | 13                                                                                         | 3,43                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 1450       | 6,5 |
| SXM 15.20 N                 |  21265 | 15                                                                                         | 3,96                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 1450       | 6,5 |
| XMS 2800rpm Nversion Ø24mm  |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |     |
| XMS 11.17 N                 | 7908                                                                                      | 11                                                                                         | 2,90                                                                                       | 170                                                                                 | 2500                                                                                             | 5   | 3,7 | 2800       | 6,5 |
| XMS 13.17 N                 | 7910                                                                                      | 13                                                                                         | 3,43                                                                                       | 170                                                                                 | 2500                                                                                             | 5,5 | 4   | 2800       | 6,5 |
| XMS 15.15 N                 | 7912                                                                                      | 15                                                                                         | 3,96                                                                                       | 150                                                                                 | 2200                                                                                             | 5,5 | 4   | 2800       | 6,5 |
| XMS 15.20 N                 | 20511                                                                                     | 15                                                                                         | 3,96                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 2800       | 6,5 |
| SXMS 2800rpm Nversion Ø24mm |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |     |
| SXMS 11.20 N                |  21376 | 11                                                                                         | 2,90                                                                                       | 200                                                                                 | 2900                                                                                             | 5,5 | 4,1 | 2800       | 6,5 |
| SXMS 13.20 N                |  21257 | 13                                                                                         | 3,43                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 2800       | 6,5 |
| SXMS 15.20 N                |  21258 | 15                                                                                         | 3,96                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 2800       | 6,5 |



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bronzo  
bronze  
connecting-rods



bielle in  
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aluminium  
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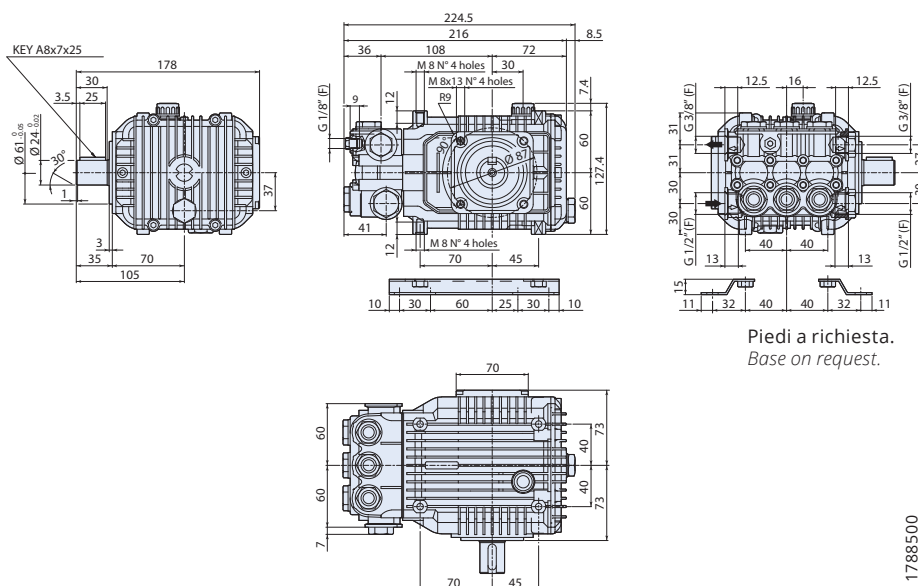


# 178 Series

## POMPA ALBERO MASCHIO Solid shaft pump



idropulitrici  
pressure  
washers



Piedi a richiesta.  
Base on request.

1788500

## N version

| MOD                                | COD                                                                                              |  MAX |  MAX |  MAX |  MAX |  |  |  |  NET |
|------------------------------------|--------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|
|                                    |                                                                                                  | l/min                                                                                   | gpm                                                                                     | bar                                                                                     | psi                                                                                     | hp                                                                                    | kW                                                                                    | N° giri/1'                                                                            | kg                                                                                        |
| <b>XMA 1750rpm</b> Nversion Ø24mm  |                                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                       |                                                                                       |                                                                                       |                                                                                           |
| XMA 3 G25 N                        | <b>7916</b>                                                                                      | 11,4                                                                                    | 3                                                                                       | 170                                                                                     | 2500                                                                                    | 5                                                                                     | 3,7                                                                                   | 1750                                                                                  | 6,5                                                                                       |
| XMA 3.5 G22 N                      | <b>7918</b>                                                                                      | 13,2                                                                                    | 3,5                                                                                     | 150                                                                                     | 2200                                                                                    | 5                                                                                     | 3,7                                                                                   | 1750                                                                                  | 6,5                                                                                       |
| XMA 3.5 G25 N                      | <b>7920</b>                                                                                      | 13,2                                                                                    | 3,5                                                                                     | 170                                                                                     | 2500                                                                                    | 5,5                                                                                   | 4                                                                                     | 1750                                                                                  | 6,5                                                                                       |
| XMA 4 G20 N                        | <b>7922</b>                                                                                      | 15,1                                                                                    | 4                                                                                       | 140                                                                                     | 2000                                                                                    | 5,5                                                                                   | 4                                                                                     | 1750                                                                                  | 6,5                                                                                       |
| <b>SXMA 1750rpm</b> Nversion Ø24mm |                                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                       |                                                                                       |                                                                                       |                                                                                           |
| SXMA 3 G30 N                       |  <b>21401</b> | 11,4                                                                                    | 3                                                                                       | 205                                                                                     | 3000                                                                                    | 5,5                                                                                   | 4                                                                                     | 1750                                                                                  | 6,5                                                                                       |
| SXMA 3.5 G30 N                     |  <b>21406</b> | 13,2                                                                                    | 3,5                                                                                     | 205                                                                                     | 3000                                                                                    | 7                                                                                     | 5,2                                                                                   | 1750                                                                                  | 6,5                                                                                       |
| SXMA 4 G30 N                       |  <b>21261</b> | 15,1                                                                                    | 4                                                                                       | 205                                                                                     | 3000                                                                                    | 7,5                                                                                   | 5,5                                                                                   | 1750                                                                                  | 6,5                                                                                       |
| <b>XMV 3400rpm</b> Nversion Ø24mm  |                                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                       |                                                                                       |                                                                                       |                                                                                           |
| XMV 3 G30 N                        | <b>20529</b>                                                                                     | 11,4                                                                                    | 3                                                                                       | 205                                                                                     | 3000                                                                                    | 5,5                                                                                   | 4                                                                                     | 3400                                                                                  | 6,5                                                                                       |
| XMV 3.5 G25 N                      | <b>7928</b>                                                                                      | 13,2                                                                                    | 3,5                                                                                     | 170                                                                                     | 2500                                                                                    | 5,5                                                                                   | 4                                                                                     | 3400                                                                                  | 6,5                                                                                       |
| XMV 4 G22 N                        | <b>7932</b>                                                                                      | 15,1                                                                                    | 4                                                                                       | 150                                                                                     | 2200                                                                                    | 5,5                                                                                   | 4                                                                                     | 3400                                                                                  | 6,5                                                                                       |
| XMV 4 G30 N                        | <b>20849</b>                                                                                     | 15,1                                                                                    | 4                                                                                       | 205                                                                                     | 3000                                                                                    | 7,5                                                                                   | 5,5                                                                                   | 3400                                                                                  | 6,5                                                                                       |
| <b>SXMV 3400rpm</b> Nversion Ø24mm |                                                                                                  |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                       |                                                                                       |                                                                                       |                                                                                           |
| SXMV 3 G35 N                       |  <b>21379</b> | 11,4                                                                                    | 3                                                                                       | 240                                                                                     | 3500                                                                                    | 7,5                                                                                   | 5,5                                                                                   | 3400                                                                                  | 6,5                                                                                       |
| SXMV 3.5 G35 N                     |  <b>21380</b> | 13,2                                                                                    | 3,5                                                                                     | 240                                                                                     | 3500                                                                                    | 10                                                                                    | 7,5                                                                                   | 3400                                                                                  | 6,5                                                                                       |
| SXMV 4 G35 N                       |  <b>21263</b> | 15,1                                                                                    | 4                                                                                       | 240                                                                                     | 3500                                                                                    | 10                                                                                    | 7,5                                                                                   | 3400                                                                                  | 6,5                                                                                       |

  
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bronzo**  
bronze  
connecting-rods

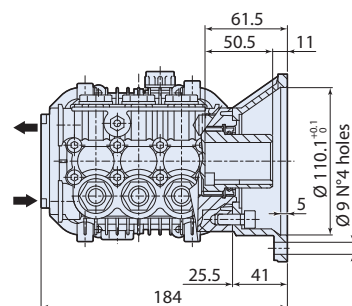
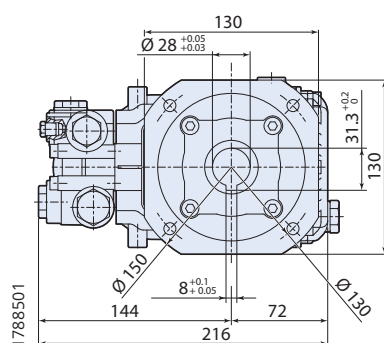
  
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alluminio**  
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# 178 Series

## POMPA ALBERO CAVO Hollow shaft pump



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pressure  
washers



Flangia F16 fornita a richiesta.  
F16 flange on request.

## C version

| MOD                         | COD                                                                                       | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |            |     |
|-----------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|------------|-----|
|                             |                                                                                           | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N° giri/1' | kg  |
| XM 1450rpm Cversion Ø28mm   |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |     |
| XM 11.17 C                  | 7936                                                                                      | 11                                                                                         | 2,90                                                                                       | 170                                                                                 | 2500                                                                                             | 5   | 3,7 | 1450       | 6,5 |
| XM 13.17 C                  | 7938                                                                                      | 13                                                                                         | 3,43                                                                                       | 170                                                                                 | 2500                                                                                             | 5,5 | 4   | 1450       | 6,5 |
| XM 15.15 C                  | 7942                                                                                      | 15                                                                                         | 3,96                                                                                       | 150                                                                                 | 2200                                                                                             | 5,5 | 4   | 1450       | 6,5 |
| SXM 1450rpm Cversion Ø28mm  |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |     |
| SXM 11.20 C                 |  21375 | 11                                                                                         | 2,90                                                                                       | 200                                                                                 | 2900                                                                                             | 5,5 | 4   | 1450       | 6,5 |
| SXM 13.20 C                 |  21255 | 13                                                                                         | 3,43                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 1450       | 6,5 |
| SXM 15.20 C                 |  21256 | 15                                                                                         | 3,96                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 1450       | 6,5 |
| XMS 2800rpm Cversion Ø28mm  |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |     |
| XMS 11.17 C                 | 7944                                                                                      | 11                                                                                         | 2,90                                                                                       | 170                                                                                 | 2500                                                                                             | 5   | 3,7 | 2800       | 6,5 |
| XMS 13.17 C                 | 7946                                                                                      | 13                                                                                         | 3,43                                                                                       | 170                                                                                 | 2500                                                                                             | 5,5 | 4   | 2800       | 6,5 |
| XMS 15.15 C                 | 7948                                                                                      | 15                                                                                         | 3,96                                                                                       | 150                                                                                 | 2200                                                                                             | 5,5 | 4   | 2800       | 6,5 |
| SXMS 2800rpm Cversion Ø28mm |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |     |
| SXMS 11.20 C                |  21377 | 11                                                                                         | 2,90                                                                                       | 200                                                                                 | 2900                                                                                             | 5,5 | 4   | 2800       | 6,5 |
| SXMS 13.20 C                |  21259 | 13                                                                                         | 3,43                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 2800       | 6,5 |
| SXMS 15.20 C                |  21260 | 15                                                                                         | 3,96                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 2800       | 6,5 |

  
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ottone**  
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**bielle in  
bronzo**  
bronze  
connecting-rods

  
**bielle in  
alluminio**  
aluminium  
connecting-rods

Flangia F16 per motori elettrici B14 Gr.100÷112 IEC34-7, 50Hz. Flangia non inclusa.  
F16 flange for electric motor B14 100÷112 IEC34-7, 50Hz. Flange not included.



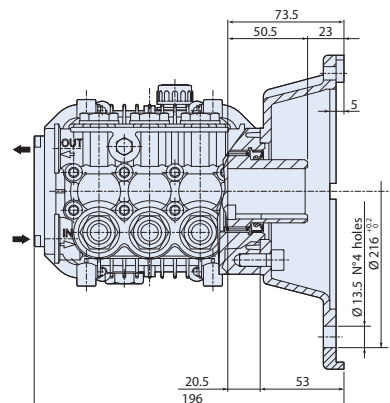
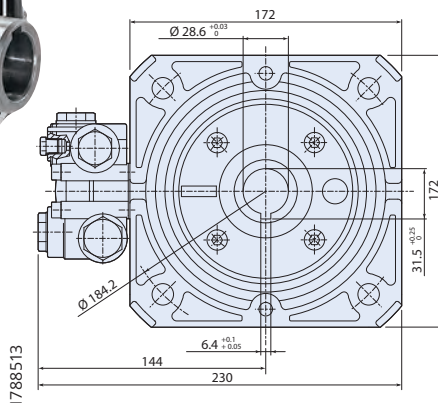
# 178 Series

## POMPA ALBERO CAVO

Hollow shaft pump



idropulitrici  
pressure  
washers



Flangia F17 fornita a richiesta.  
F17 flange on request.

## E version

| MOD | COD | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |    |
|-----|-----|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----|----|------------|----|
|     |     | l/min                                                                                    | gpm                                                                                      | bar                                                                               | psi                                                                                            | hp | kW | N° giri/1' | kg |

### XMA 1750rpm Eversion Ø 1" 1/8

|               |             |      |     |     |      |     |     |      |     |
|---------------|-------------|------|-----|-----|------|-----|-----|------|-----|
| XMA 3 G25 E   | <b>7952</b> | 11,4 | 3   | 170 | 2500 | 5   | 3,7 | 1750 | 6,5 |
| XMA 3.5 G25 E | <b>7956</b> | 13,2 | 3,5 | 170 | 2500 | 5,5 | 4   | 1750 | 6,5 |
| XMA 4 G20 E   | <b>7958</b> | 15,1 | 4   | 140 | 2000 | 5,5 | 4   | 1750 | 6,5 |

Flangia F17 per motori elettrici NEMA 182-184, 4 poli 60Hz. Flangia non inclusa.  
F17 flange for electric motor NEMA 182-184, 4 poles 60Hz. Flange not included.



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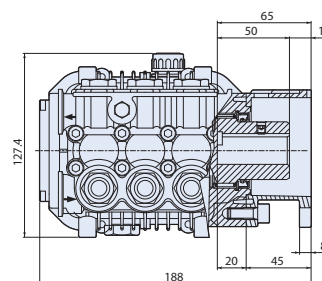
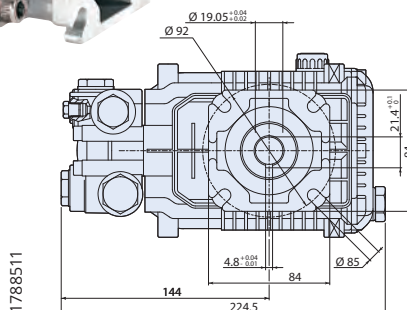
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alluminio  
aluminium  
connecting-rods

## POMPA ALBERO CAVO

Hollow shaft pump



idropulitrici  
pressure  
washers



Flangia F25 fornita a richiesta.  
F25 flange on request.

## D version + F25

| MOD | COD | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |    |
|-----|-----|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|------------|----|
|     |     | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N° giri/1' | kg |

### XMV 3400rpm Eversion + F25 Ø 3/4"

|                     |              |      |     |     |      |     |   |      |   |
|---------------------|--------------|------|-----|-----|------|-----|---|------|---|
| XMV 3 G30 D + F25   | <b>20095</b> | 11,4 | 3   | 205 | 3000 | 5,5 | 4 | 3400 | 7 |
| XMV 3.5 G25 D + F25 | <b>7996</b>  | 13,2 | 3,5 | 170 | 2500 | 5,5 | 4 | 3400 | 7 |

Flangia F25 per motori scoppio Ø 3/4" SAE J609a. Flangia inclusa.  
F25 flange for gasoline engine Ø 3/4" SAE J609a. Flange included.



testa in  
ottone  
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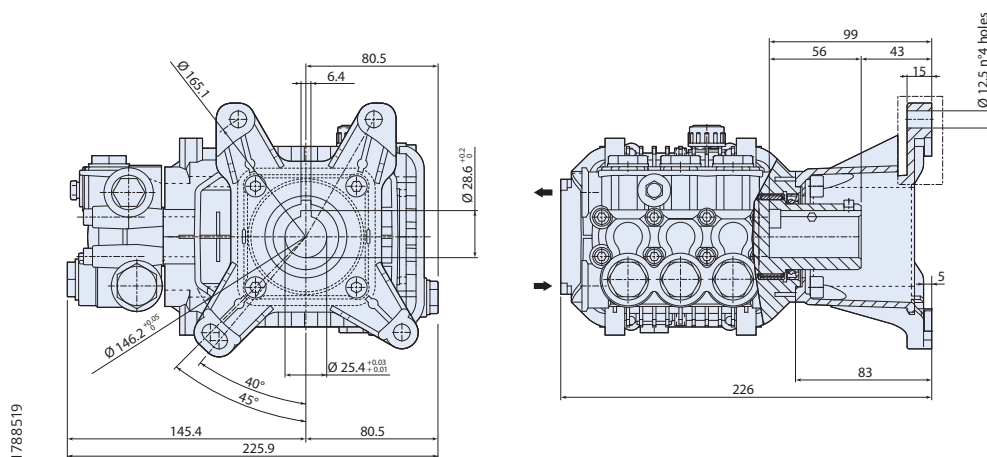
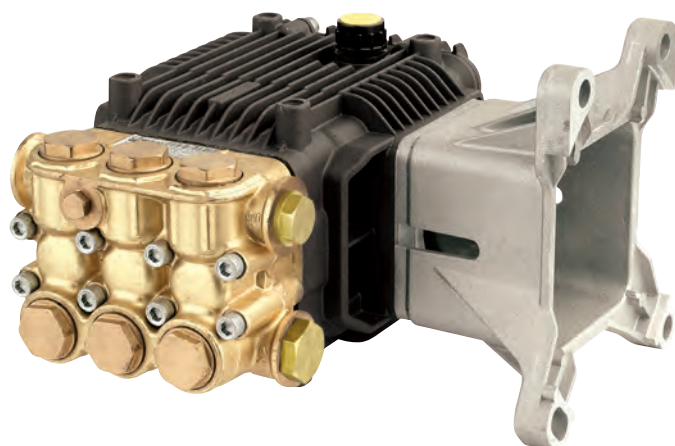
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alluminio  
aluminium  
connecting-rods

# 178 Series

## POMPA ALBERO CAVO Hollow shaft pump



idropulitrici  
pressure  
washers



## D version + F40

| MOD                             | COD                                                                                       | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |               |    |
|---------------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|---------------|----|
|                                 |                                                                                           | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N°<br>giri/1' | kg |
| XMV 3400rpm Dversion + F40 Ø1"  |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |               |    |
| XMV 3 G30 D + F40               | 20111                                                                                     | 11,4                                                                                       | 3                                                                                          | 205                                                                                 | 3000                                                                                             | 5,5 | 4   | 3400          | 7  |
| XMV 3.5 G30 D + F40             | 21128                                                                                     | 13,2                                                                                       | 3,5                                                                                        | 205                                                                                 | 3000                                                                                             | 7   | 5,2 | 3400          | 7  |
| XMV 4 G25 D + F40               | 7990                                                                                      | 15,1                                                                                       | 4                                                                                          | 170                                                                                 | 2500                                                                                             | 7   | 5,2 | 3400          | 7  |
| XMV 4 G30 D + F40               | 20820                                                                                     | 15,1                                                                                       | 4                                                                                          | 205                                                                                 | 3000                                                                                             | 7,5 | 5,5 | 3400          | 7  |
| SXMV 3400rpm Dversion + F40 Ø1" |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |               |    |
| SXMV 3 G35 D + F40              |  21381 | 11,4                                                                                       | 3                                                                                          | 240                                                                                 | 3500                                                                                             | 7,5 | 5,5 | 3400          | 7  |
| SXMV 3.5 G35 D + F40            |  21382 | 13,2                                                                                       | 3,5                                                                                        | 240                                                                                 | 3500                                                                                             | 8.5 | 6,2 | 3400          | 7  |
| SXMV 4 G35 D + F40              |  21264 | 15,1                                                                                       | 4                                                                                          | 240                                                                                 | 3500                                                                                             | 10  | 7,5 | 3400          | 7  |



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bielle in  
bronzo  
bronze  
connecting-rods



bielle in  
alluminio  
aluminium  
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Flangia F40 per motori scoppio Ø 1" SAE J609a. Flangia inclusa.  
F40 flange for gasoline engine Ø 1" SAE J609a. Flange included.



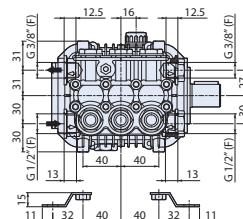
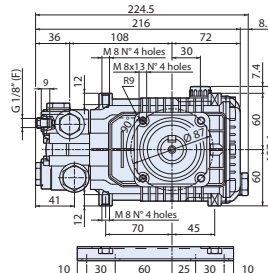
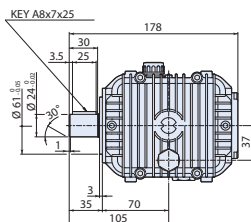


# 178 Series

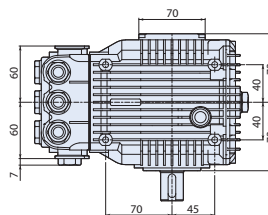
## POMPA ALBERO MASCHIO Solid shaft pump



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Base on request.



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## N version

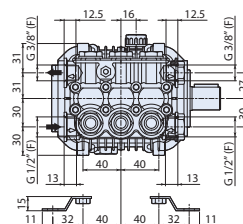
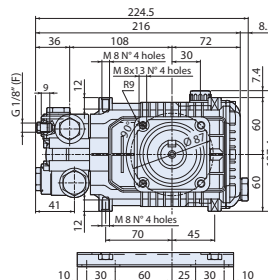
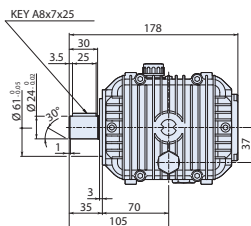
| MOD                         | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |            |     |
|-----------------------------|-------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----|-----|------------|-----|
|                             |       | l/min                                                                                    | gpm                                                                                      | bar                                                                               | psi                                                                                            | hp  | kW  | N° giri/1' | kg  |
| XM-M 1450rpm Nversion Ø24mm |       |                                                                                          |                                                                                          |                                                                                   |                                                                                                |     |     |            |     |
| XM-M 01.10 N                | 22092 | 1                                                                                        | 0,26                                                                                     | 100                                                                               | 1450                                                                                           | 0,3 | 0,2 | 1450       | 6,5 |
| XM-M 02.10 N                | 22093 | 2                                                                                        | 0,52                                                                                     | 100                                                                               | 1450                                                                                           | 0,5 | 0,4 | 1450       | 6,5 |
| XM-M 04.10 N                | 22094 | 4                                                                                        | 1,06                                                                                     | 100                                                                               | 1450                                                                                           | 1   | 0,8 | 1450       | 6,5 |
| XM-M 08.10 N                | 22095 | 8                                                                                        | 2,11                                                                                     | 100                                                                               | 1450                                                                                           | 2   | 1,5 | 1450       | 6,5 |



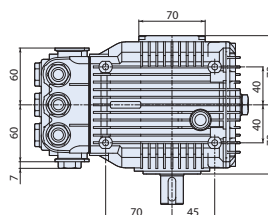
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alluminio  
aluminium  
connecting-rods



Piedi a richiesta.  
Base on request.



1788500



autolavaggio  
car wash



municipality

## POMPA ALBERO MASCHIO Solid shaft pump

## HOT WATER 85°C

## N version

| MOD                        | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |     |            |     |
|----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|-----|------------|-----|
|                            |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW  | N° giri/1' | kg  |
| XHW 1450rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |     |            |     |
| XHW 08.15 N                | 23972 | 8                                                                                          | 2,11                                                                                       | 150                                                                                 | 2200                                                                                             | 3  | 2,2 | 1450       | 6,5 |
| XHW 11.17 N                | 22543 | 11                                                                                         | 2,90                                                                                       | 170                                                                                 | 2500                                                                                             | 5  | 3,7 | 1450       | 6,5 |



testa  
nicchelata  
nickel plated  
brass head



guarnizioni  
in PTFE  
PTFE gasket  
sealing



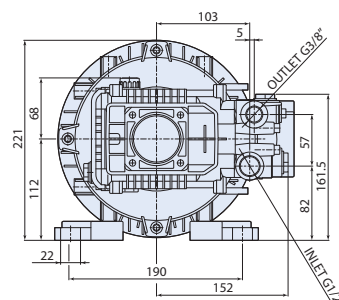
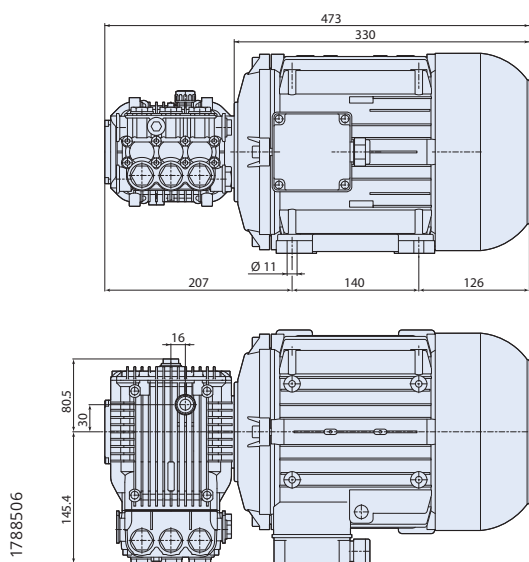
bielle in  
bronzo  
bronze  
connecting-rods



idropulitrici  
pressure  
washers



GR. 112 motor hollow shaft



| MOD                       | COD          | MAX   | MAX  |     |      |     |     |            |          |     |      |
|---------------------------|--------------|-------|------|-----|------|-----|-----|------------|----------|-----|------|
|                           | 3 ~          | l/min | gpm  | bar | psi  | hp  | kW  | N° giri/1' | V 3-50Hz | Gr. | kg   |
| <b>HXM - HSXM 1450rpm</b> |              |       |      |     |      |     |     |            |          |     |      |
| HXM 13.17 ET              | <b>20196</b> | 13    | 3,43 | 170 | 2500 | 5,5 | 4   | 1450       | 230/400  | 112 | 30   |
| HSXM 13.20 ET             | <b>21370</b> | 13    | 3,43 | 200 | 2900 | 7,5 | 5,5 | 1450       | 230/400  | 112 | 38   |
| HXM 15.15 ET              | <b>20197</b> | 15    | 3,96 | 150 | 2200 | 5,5 | 4   | 1450       | 230/400  | 112 | 30   |
| HSXM 15.20 ET             | <b>21371</b> | 15    | 3,96 | 200 | 2900 | 7,5 | 5,5 | 1450       | 230/400  | 112 | 37,7 |



testa in  
ottone  
brass  
head



bielle in  
bronzo  
bronze  
connecting-rods



bielle in  
alluminio  
aluminium  
connecting-rods



3~50Hz  
frequenza  
motore  
motor  
frequency

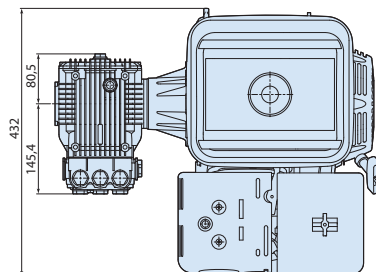
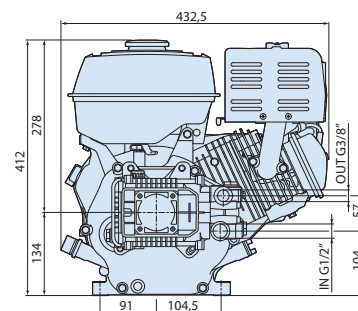
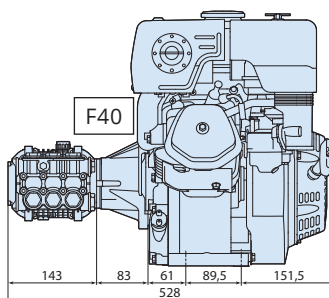


# 178 Series

## GASOLINE MOTOR-PUMP UNITS



idropulitrici  
pressure  
washers



1788538

| MOD                            | COD          | <br>MAX | <br>MAX | <br>RPM | <br>NET |            |      |    |
|--------------------------------|--------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|------------|------|----|
|                                | Engine<br>HP | l/min                                                                                      | gpm                                                                                         | bar                                                                                          | psi                                                                                          | N° giri/1' | kg   |    |
| XMV Direct Drive               |              |                                                                                            |                                                                                             |                                                                                              |                                                                                              |            |      |    |
| XMV 4 G20 HONDA GX 270-QX Type | 8,4          | 20237                                                                                      | 15,1                                                                                        | 4                                                                                            | 140                                                                                          | 2000       | 3400 | 32 |



testa in  
ottone  
brass  
head



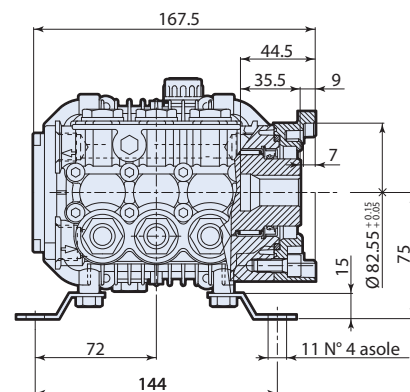
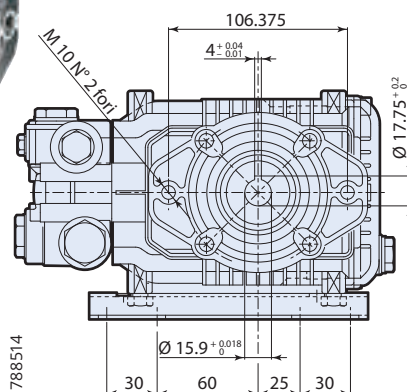
bielle in  
alluminio  
aluminium  
connecting-rods



motore a  
scoppio  
gasoline  
engine



municipality



Piedi a richiesta.  
Base on request.

### XM + F38

| MOD                      | COD          |       |      |     |      |     |     |            |     |     |
|--------------------------|--------------|-------|------|-----|------|-----|-----|------------|-----|-----|
|                          |              | MAX   | MAX  | MAX | MAX  | MAX | MAX | MAX        | MAX | MAX |
|                          |              | l/min | gpm  | bar | psi  | hp  | kW  | N° giri/1' | kg  |     |
| <b>XM 1450rpm + F 38</b> |              |       |      |     |      |     |     |            |     |     |
| XM 15.15 + F38           | <b>21598</b> | 15    | 3,96 | 150 | 2200 | 5,5 | 4   | 1450       | 6,7 |     |



testa in  
ottone  
brass  
head

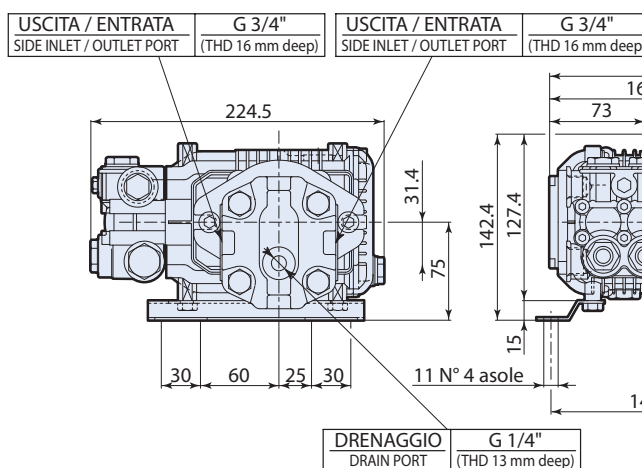


bielle in  
alluminio  
aluminium  
connecting-rods

## HYDRAULIC DRIVE



municipality



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods



motore  
idraulico  
hydraulic  
drive

### HYD - XM

| MOD           | COD          | POMPA A PISTONI • HP PISTON PUMP |      |     |      |      |     | MOTORE IDRAULICO • HYDRAULIC MOTOR |      |      |     |       |            | KG<br>NET |
|---------------|--------------|----------------------------------|------|-----|------|------|-----|------------------------------------|------|------|-----|-------|------------|-----------|
|               |              |                                  |      |     |      |      |     | SAUER DANFOSS                      |      |      |     |       |            |           |
|               |              | MAX                              | MAX  | MAX | MAX  | MAX  | MAX | Type                               | Cod  | cm³  | bar | l/min | N° giri/1' | kg        |
| <b>HYD-XM</b> |              |                                  |      |     |      |      |     |                                    |      |      |     |       |            |           |
| HYD-XM 15.15  | <b>21603</b> | 15                               | 3,96 | 150 | 2200 | 1450 | 5,5 | SNM2NN/019<br>BN06GAM1F5F5N        | 4769 | 19,2 | 105 | 29    | 1450       | 9,6       |



# 322 SERIES

RR  
RRA  
RRV  
HRR



Corpo e coperchi in alluminio pressofuso.

Coperchio laterale con livello olio.  
Coperchio posteriore con scarico olio.

Bielle in lega zinco- alluminio pressofuso o in bronzo.

Testa in ottone stampato.  
Possibilità di testa in ottone stampato con valvola di regolazione integrata.  
Possibilità di testa in ottone nichelata.

Pistoni in ceramica.

*Crankcase and back cover in pressure die-cast aluminium alloy.*

*Side cover incorporated with oil sight glass. Back cover incorporated with oil drain outlet.*

*Connecting rods in die-cast zinc-aluminium alloy. Bronze connecting rods available.*

*Pump head in forged brass.  
Pump head in forged brass with integrated pressure regulating valve available.*

*Nickel plated brass head available.  
Ceramic plungers.*

# 322 Series

## POMPA ALBERO MASCHIO Solid shaft pump



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



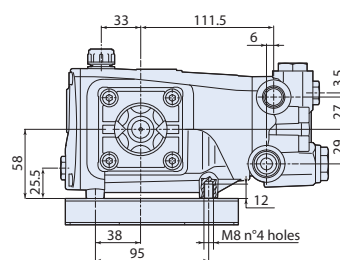
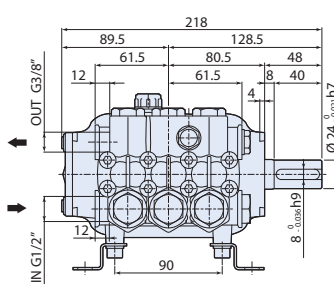
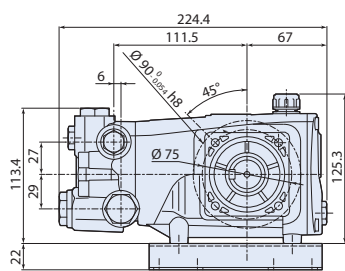
autolavaggio  
car wash



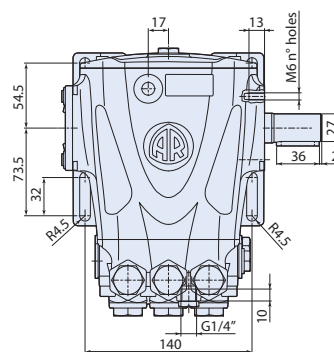
agricoltura  
agriculture



cantieri ed  
edilizia  
construction  
industry



Piedi a richiesta.  
Base on request.



Regulating valve  
version



● Model H

## N version

Flangiatura compatibile XT N.  
XT N flange type.

| MOD                               | COD            |  |  |  |  |  |  |  |  |
|-----------------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                   |                | l/min                                                                               | gpm                                                                                 | bar                                                                                 | psi                                                                                 | hp                                                                                   | kW                                                                                    | N° giri/1'                                                                            | kg                                                                                    |
| <b>RR 1450rpm</b> Nversion Ø24mm  |                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| RR 13.20 N                        | <b>23771</b>   | 13                                                                                  | 3,43                                                                                | 200                                                                                 | 2900                                                                                | 7,5                                                                                  | 5,5                                                                                   | 1450                                                                                  | 7,6                                                                                   |
| RR 15.15 N                        | <b>23772</b>   | 15                                                                                  | 3,96                                                                                | 150                                                                                 | 2200                                                                                | 5,5                                                                                  | 4                                                                                     | 1450                                                                                  | 7,6                                                                                   |
| RR 15.20 N                        | <b>23507</b>   | 15                                                                                  | 3,96                                                                                | 200                                                                                 | 2900                                                                                | 7,5                                                                                  | 5,5                                                                                   | 1450                                                                                  | 7,6                                                                                   |
| ● RR 15.25 H N                    | ● <b>24934</b> | 15                                                                                  | 3,96                                                                                | 250                                                                                 | 3625                                                                                | 10                                                                                   | 7,5                                                                                   | 1450                                                                                  | 8                                                                                     |
| RR 18.12 N                        | <b>23773</b>   | 18                                                                                  | 4,75                                                                                | 120                                                                                 | 1740                                                                                | 5,5                                                                                  | 4                                                                                     | 1450                                                                                  | 7,6                                                                                   |
| RR 18.16 N                        | <b>23774</b>   | 18                                                                                  | 4,75                                                                                | 160                                                                                 | 2300                                                                                | 7,5                                                                                  | 5,5                                                                                   | 1450                                                                                  | 7,6                                                                                   |
| <b>RRA 1750rpm</b> Nversion Ø24mm |                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                      |                                                                                       |                                                                                       |                                                                                       |
| RRA 3.5 G25 N                     | <b>23779</b>   | 13,2                                                                                | 3,5                                                                                 | 170                                                                                 | 2500                                                                                | 6                                                                                    | 4,5                                                                                   | 1750                                                                                  | 7,6                                                                                   |
| RRA 4 G30 N                       | <b>23780</b>   | 15,1                                                                                | 4                                                                                   | 205                                                                                 | 3000                                                                                | 8,2                                                                                  | 5,5                                                                                   | 1750                                                                                  | 7,6                                                                                   |
| ● RRA 4 G36 H N                   | ● <b>24937</b> | 15,1                                                                                | 4                                                                                   | 250                                                                                 | 3600                                                                                | 8,6                                                                                  | 6,4                                                                                   | 1750                                                                                  | 8                                                                                     |
| RRA 5.5 G30 N                     | <b>23781</b>   | 20,8                                                                                | 5,5                                                                                 | 205                                                                                 | 3000                                                                                | 11                                                                                   | 8,2                                                                                   | 1750                                                                                  | 7,6                                                                                   |



● testa  
nichelata  
nickel plated  
brass head



● bielle in  
bronzo  
bronze  
connecting-rods



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods

3228500



# 322 Series

## POMPA ALBERO CAVO

Hollow shaft pump



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



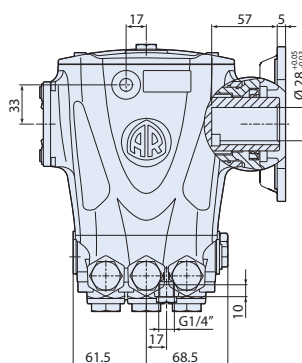
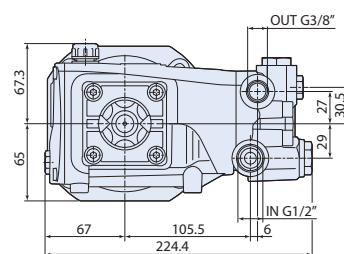
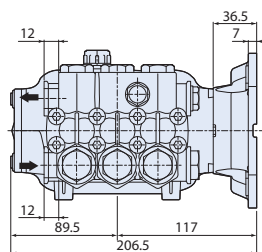
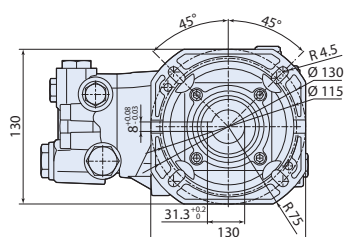
autolavaggio  
car wash



agricoltura  
agriculture



cantieri ed  
edilizia  
construction  
industry



3228501

## C version + flange

| MOD                                       | COD          |  MAX |  MAX |  |  |     |     |            |    |
|-------------------------------------------|--------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|-----|------------|----|
|                                           |              | l/min                                                                                   | gpm                                                                                     | bar                                                                                 | psi                                                                                 | hp  | kW  | N° giri/1' | kg |
| <b>RR 1450rpm Cversion + flange Ø28mm</b> |              |                                                                                         |                                                                                         |                                                                                     |                                                                                     |     |     |            |    |
| RR 13.20 C + flange Ø 28 mm               | <b>23775</b> | 13                                                                                      | 3,43                                                                                    | 200                                                                                 | 2900                                                                                | 7,5 | 5,5 | 1450       | 8  |
| RR 15.15 C + flange Ø 28 mm               | <b>23776</b> | 15                                                                                      | 3,96                                                                                    | 150                                                                                 | 2200                                                                                | 5,5 | 4   | 1450       | 8  |
| RR 15.20 C + flange Ø 28 mm               | <b>23777</b> | 15                                                                                      | 3,96                                                                                    | 200                                                                                 | 2900                                                                                | 7,5 | 5,5 | 1450       | 8  |
| RR 18.16 C + flange Ø 28 mm               | <b>23778</b> | 18                                                                                      | 4,75                                                                                    | 160                                                                                 | 2300                                                                                | 7,5 | 5,5 | 1450       | 8  |

Flangia per motori elettrici B14 Gr.100÷112 IEC34-7, 4 poli 50Hz. Flangia inclusa.  
Flange for electric motor B14 100÷112 IEC34-7, 4 poles 50Hz. Flange included.



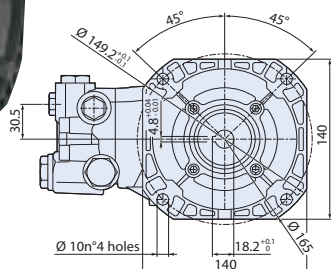
testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods

# 322 Series

## POMPA ALBERO CAVO Hollow shaft pump



idropulitrici  
pressure  
washers



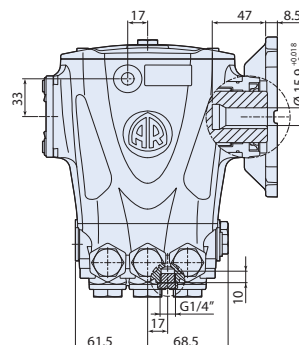
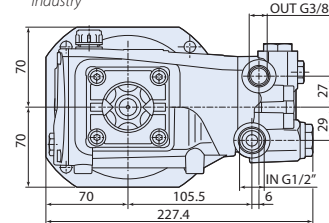
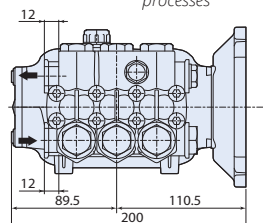
processi  
industriali  
industrial  
processes



agricoltura  
agriculture



cantieri ed  
edilizia  
construction  
industry



3228502

## E version + flange

| MOD                                         | COD          |       |     |     |      |     |     |            |    |  |  |  |  |
|---------------------------------------------|--------------|-------|-----|-----|------|-----|-----|------------|----|--|--|--|--|
|                                             |              | MAX   | MAX |     | NET  |     |     |            |    |  |  |  |  |
|                                             |              | l/min | gpm | bar | psi  | hp  | kW  | N° giri/1' | kg |  |  |  |  |
| <b>RRV 3400rpm</b> Eversion + flange Ø 5/8" |              |       |     |     |      |     |     |            |    |  |  |  |  |
| RRV 3 G25 E + flange Ø 5/8"                 | <b>23785</b> | 11,4  | 3   | 170 | 2500 | 5   | 3,7 | 3400       | 8  |  |  |  |  |
| RRV 3.5 G20 E + flange Ø 5/8"               | <b>23786</b> | 13,2  | 3,5 | 140 | 2000 | 4,8 | 3,6 | 3400       | 8  |  |  |  |  |



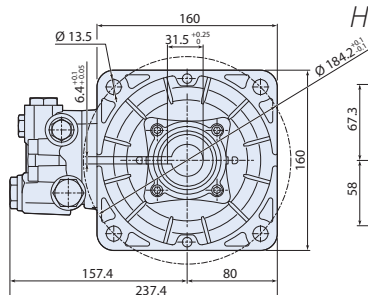
testa in  
ottone  
brass  
head



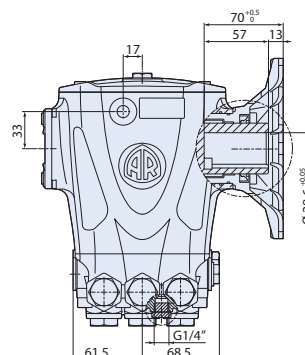
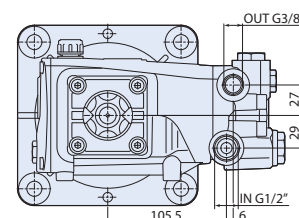
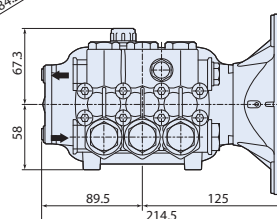
bielle in  
alluminio  
aluminium  
connecting-rods

Flangia per motori elettrici NEMA 56-C, 2 poli 60Hz. Flangia inclusa.

Flange for electric motor NEMA 56-C, 2 poles 60Hz. Flange included.



## POMPA ALBERO CAVO Hollow shaft pump



3228503



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



agricoltura  
agriculture



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edilizia  
construction  
industry

## E version + flange

| MOD                                          | COD          |       |     |     |      |     |     |            |    |  |  |  |  |
|----------------------------------------------|--------------|-------|-----|-----|------|-----|-----|------------|----|--|--|--|--|
|                                              |              | MAX   | MAX |     | NET  |     |     |            |    |  |  |  |  |
|                                              |              | l/min | gpm | bar | psi  | hp  | kW  | N° giri/1' | kg |  |  |  |  |
| <b>RRA 1750rpm</b> Eversion + flange Ø 1"1/8 |              |       |     |     |      |     |     |            |    |  |  |  |  |
| RRA 3 G30 E + flange Ø 1"1/8                 | <b>23782</b> | 11,4  | 3   | 205 | 3000 | 6,2 | 4,6 | 1750       | 8  |  |  |  |  |
| RRA 4 G30 E + flange Ø 1"1/8                 | <b>23783</b> | 15,1  | 4   | 205 | 3000 | 8,2 | 6,1 | 1750       | 8  |  |  |  |  |
| RRA 5.5 G26 E + flange Ø 1"1/8               | <b>23784</b> | 20,8  | 5,5 | 180 | 2600 | 10  | 7,5 | 1750       | 8  |  |  |  |  |



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods

Flangia per motori elettrici NEMA 184, 4 poli 60 Hz. Flangia inclusa.

Flange for electric motor NEMA 184, 4 poles 60 Hz. Flange included.





# 322 Series

## POMPA ALBERO CAVO Hollow shaft pump



idropulitrici  
pressure  
washers



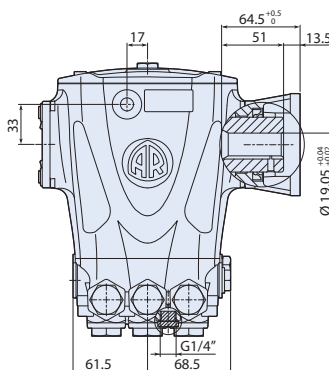
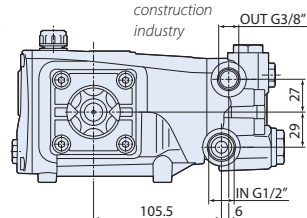
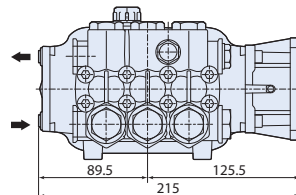
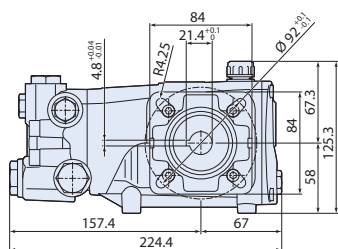
processi  
industriali  
industrial  
processes



agricoltura  
agriculture



cantieri ed  
edilizia  
construction  
industry



3228504

## D version + flange

| MOD                                         | COD          |       |     |     |      |     |     |            |    |  |
|---------------------------------------------|--------------|-------|-----|-----|------|-----|-----|------------|----|--|
|                                             |              | MAX   | MAX |     | NET  |     |     |            |    |  |
|                                             |              | l/min | gpm | bar | psi  | hp  | kW  | N° giri/1' | kg |  |
| <b>RRV 3400rpm Dversion + flange Ø 3/4"</b> |              |       |     |     |      |     |     |            |    |  |
| RRV 3 G27 D + flange Ø 3/4"                 | <b>23787</b> | 11,4  | 3   | 186 | 2700 | 5,5 | 4   | 3400       | 8  |  |
| RRV 3.5 G25 D + flange Ø 3/4"               | <b>23788</b> | 13,2  | 3,5 | 170 | 2500 | 6   | 4,5 | 3400       | 8  |  |

Flangia per motori scoppio Ø 3/4" SAE J609a. Flangia inclusa.

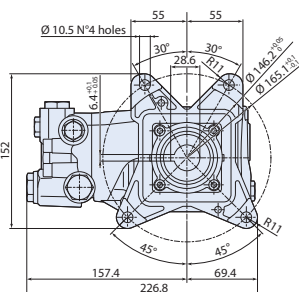
For gasoline engine flange Ø 3/4" SAE J609a. Flange included.



testa in  
ottone  
brass  
head

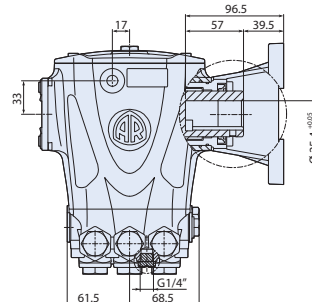
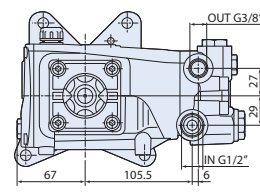
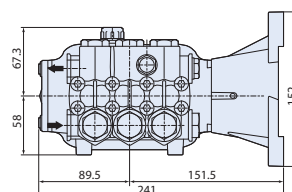


bielle in  
alluminio  
aluminium  
connecting-rods



Model H

## POMPA ALBERO CAVO Hollow shaft pump



3228505



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



agricoltura  
agriculture



cantieri ed  
edilizia  
construction  
industry

## D version + flange

| MOD                                       | COD          |       |     |     |      |     |     |            |    |  |
|-------------------------------------------|--------------|-------|-----|-----|------|-----|-----|------------|----|--|
|                                           |              | MAX   | MAX |     | NET  |     |     |            |    |  |
|                                           |              | l/min | gpm | bar | psi  | hp  | kW  | N° giri/1' | kg |  |
| <b>RRV 3400rpm Dversion + flange Ø 1"</b> |              |       |     |     |      |     |     |            |    |  |
| RRV 3 G30 D + flange Ø 1"                 | <b>23789</b> | 11,4  | 3   | 205 | 3000 | 6,2 | 4,6 | 3400       | 8  |  |
| RRV 3 G36 D + flange Ø 1"                 | <b>23790</b> | 11,4  | 3   | 250 | 3600 | 7,4 | 5,5 | 3400       | 8  |  |
| RRV 3.5 G36 D + flange Ø 1"               | <b>23791</b> | 13,2  | 3,5 | 250 | 3600 | 8,6 | 6,4 | 3400       | 8  |  |
| RRV 4 G36 D + flange Ø 1"                 | <b>23508</b> | 15,1  | 4   | 250 | 3600 | 9,9 | 7,4 | 3400       | 8  |  |

● RRV 4 G40 H D + flange Ø 1" ● **24935** 15,1 4 275 4000 11 8,2 3400 8,4



testa  
nichelata  
nickel plated  
brass head



bielle in  
bronzo  
bronze  
connecting-rods



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods

Flangia per motori scoppio Ø 1" SAE J609a.  
Flangia inclusa.

For gasoline engine flange Ø 1" SAE J609a. Flange included.

# 322 Series

## ELECTRIC MOTOR-PUMP UNITS



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



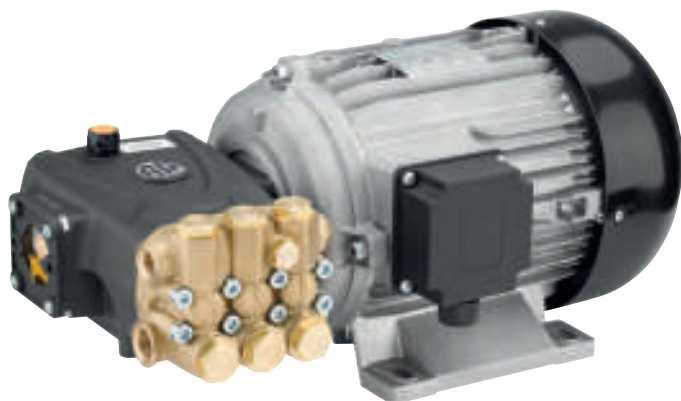
autolavaggio  
car wash



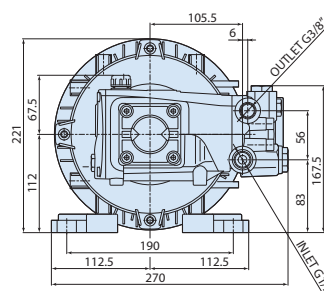
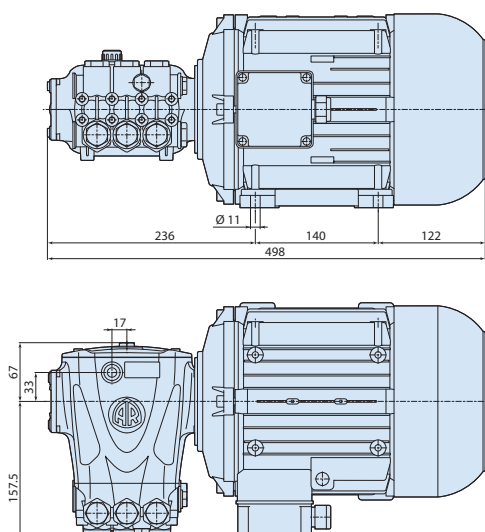
agricoltura  
agriculture



cantieri ed  
edilizia  
construction  
industry



GR. 112 motor hollow shaft



3228509

| MOD          | COD   | <br>MAX | <br>MAX |  |      |     |     | <br>NET |          |     |      |
|--------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|-----|-----|----------------------------------------------------------------------------------------------|----------|-----|------|
|              | 3 ~   | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi  | hp  | kW  | N° giri/1'                                                                                   | V 3-50Hz | Gr. | kg   |
| HRR 1450rpm  |       |                                                                                            |                                                                                            |                                                                                     |      |     |     |                                                                                              |          |     |      |
| HRR 15.15 ET | 23978 | 15                                                                                         | 3,96                                                                                       | 150                                                                                 | 2200 | 5,5 | 4   | 1450                                                                                         | 230/400  | 112 | 24   |
| HRR 15.20 ET | 23979 | 15                                                                                         | 3,96                                                                                       | 200                                                                                 | 2900 | 7,5 | 5,5 | 1450                                                                                         | 230/400  | 112 | 33   |
| HRR 18.16 ET | 23980 | 18                                                                                         | 4,75                                                                                       | 160                                                                                 | 2300 | 7,5 | 5,5 | 1450                                                                                         | 230/400  | 112 | 38,5 |



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods



frequenza  
motore  
motor  
frequency

MADE IN ITALY



ANNONI  
REVERBERI

RK 15.20H N

VOLUME 15 L/min.

PRESS. 200 bar RPM 1450



EAC

Nr. 20638 OP190123450320008

OIL SAE 30

MADE IN ITALY

62401 18

NUOVA RK

NEW RK

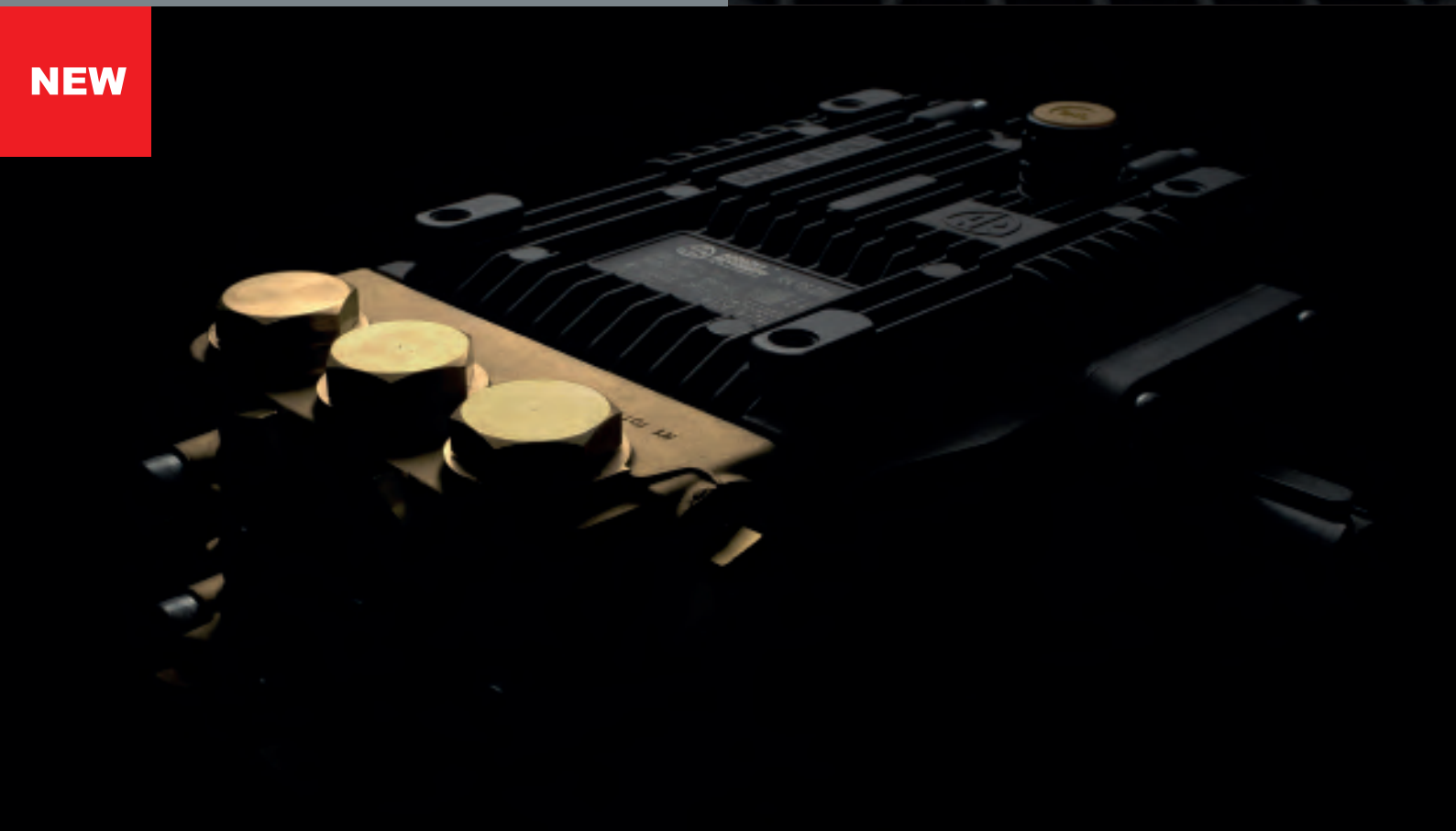
# 228 SERIES

- 1** Scritta "Made in Italy" per sottolineare la qualità italiana di sempre  
*"Made in Italy" to emphasize the italian quality as always*
- 2** Logo AR in rilievo  
*Embossed trademark*
- 3** Targhe dati Stampa laser  
*Data plates laser printed*

RK  
RKA  
RKV  
JK  
JKA  
RHW  
RCW  
HRK  
RK+F38  
HYD-RK



**NEW**





# 228 SERIES

RK  
RKA  
RKV  
JK  
JKA

RHW  
RCW  
HRK  
RK+F38  
HYD-RK



Corpo e coperchi in alluminio pressofuso.

Coperchio posteriore con livello olio e scarico olio. Possibilità di ulteriore livello olio laterale.

Cuscinetti a rulli conici.

Bielle in lega zinco-alluminio oppure in bronzo.

Testa in ottone stampato o in ottone nichelato.

Pistoni in ceramica.

*Crankcase and back cover in pressure die-cast aluminium alloy.*

*Back cover incorporated with oil sight glass and oil drain outlet. Possibility of further lateral oil sight glass.*

*Tapered roller bearings.*

*Connecting rods in zinc-aluminium alloy. Bronze connecting rods available.*

*Pump head in forged brass or nickel-plated brass.*

*Ceramic plungers.*

# 228 Series

## POMPA ALBERO MASCHIO Solid shaft pump



idropultrici  
pressure  
washers



processi  
industriali  
industrial  
processes



autolavaggio  
car wash



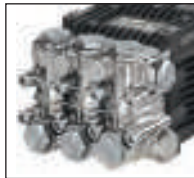
agricoltura  
agriculture



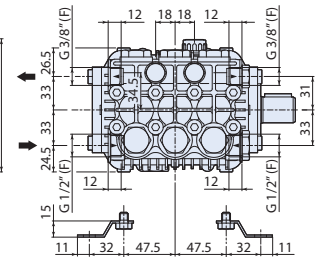
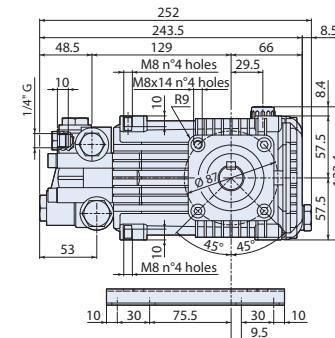
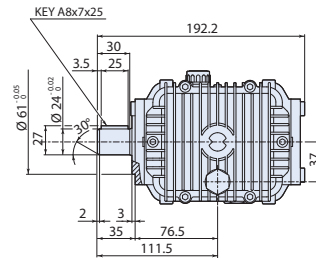
municipality



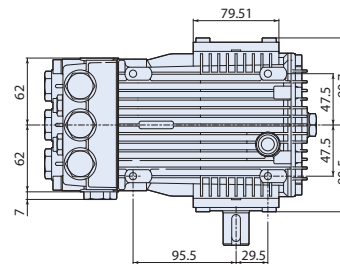
cantieri ed  
edilizia  
construction  
industry



● Model H



Piedi a richiesta.  
Base on request.



1388523

## N version

| MOD                              | COD            |  |  |  |  |  |  |  |  |
|----------------------------------|----------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                  |                | l/min                                                                               | gpm                                                                                 | bar                                                                                 | psi                                                                                 | hp                                                                                  | kW                                                                                  | N° giri/1'                                                                          | kg                                                                                  |
| <b>RK 1450rpm Nversion Ø24mm</b> |                |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| RK 11.14 N                       | <b>20630</b>   | 11                                                                                  | 2,90                                                                                | 140                                                                                 | 2000                                                                                | 4                                                                                   | 3                                                                                   | 1450                                                                                | 9                                                                                   |
| ● RK 11.20 H N                   | <b>20631</b>   | 11                                                                                  | 2,90                                                                                | 200                                                                                 | 2900                                                                                | 5,5                                                                                 | 4                                                                                   | 1450                                                                                | 9                                                                                   |
| ● RK 11.25 H N                   | ● <b>20632</b> | 11                                                                                  | 2,90                                                                                | 250                                                                                 | 3625                                                                                | 7,5                                                                                 | 5,5                                                                                 | 1450                                                                                | 9,5                                                                                 |
| RK 13.17 N                       | <b>20634</b>   | 13                                                                                  | 3,43                                                                                | 170                                                                                 | 2500                                                                                | 5,5                                                                                 | 4                                                                                   | 1450                                                                                | 9                                                                                   |
| ● RK 13.20 H N                   | <b>20635</b>   | 13                                                                                  | 3,43                                                                                | 200                                                                                 | 2900                                                                                | 7,5                                                                                 | 5,5                                                                                 | 1450                                                                                | 9                                                                                   |
| RK 14.16 N                       | <b>20636</b>   | 14                                                                                  | 3,70                                                                                | 160                                                                                 | 2300                                                                                | 5,5                                                                                 | 4                                                                                   | 1450                                                                                | 9                                                                                   |
| RK 15.15 N                       | <b>20637</b>   | 15                                                                                  | 3,96                                                                                | 150                                                                                 | 2200                                                                                | 5,5                                                                                 | 4                                                                                   | 1450                                                                                | 9                                                                                   |
| ● RK 15.20 H N                   | <b>20638</b>   | 15                                                                                  | 3,96                                                                                | 200                                                                                 | 2900                                                                                | 7,5                                                                                 | 5,5                                                                                 | 1450                                                                                | 9                                                                                   |
| ● RK 15.25 H N                   | ● <b>20639</b> | 15                                                                                  | 3,96                                                                                | 250                                                                                 | 3625                                                                                | 10                                                                                  | 7,5                                                                                 | 1450                                                                                | 9,5                                                                                 |
| ● RK 15.28 H N                   | ● <b>20640</b> | 15                                                                                  | 3,96                                                                                | 275                                                                                 | 4000                                                                                | 11                                                                                  | 8,2                                                                                 | 1450                                                                                | 9,5                                                                                 |
| RK 18.12 N                       | <b>20641</b>   | 18                                                                                  | 4,75                                                                                | 120                                                                                 | 1740                                                                                | 5,5                                                                                 | 4                                                                                   | 1450                                                                                | 9                                                                                   |
| ● RK 18.20 H N                   | ● <b>20643</b> | 18                                                                                  | 4,75                                                                                | 200                                                                                 | 2900                                                                                | 10                                                                                  | 7,5                                                                                 | 1450                                                                                | 9,5                                                                                 |
| ● RK 18.28 H N                   | ● <b>21467</b> | 18                                                                                  | 4,75                                                                                | 275                                                                                 | 4000                                                                                | 15                                                                                  | 11                                                                                  | 1450                                                                                | 9,5                                                                                 |
| RK 21.10 N                       | <b>20644</b>   | 21                                                                                  | 5,55                                                                                | 100                                                                                 | 1450                                                                                | 5,5                                                                                 | 4                                                                                   | 1450                                                                                | 9                                                                                   |
| ● RK 21.15 H N                   | <b>20645</b>   | 21                                                                                  | 5,55                                                                                | 150                                                                                 | 2200                                                                                | 7,5                                                                                 | 5,5                                                                                 | 1450                                                                                | 9                                                                                   |
| ● RK 21.20 H N                   | ● <b>21129</b> | 21                                                                                  | 5,55                                                                                | 200                                                                                 | 2900                                                                                | 10                                                                                  | 7,5                                                                                 | 1450                                                                                | 9,5                                                                                 |
| RK 24.10 N                       | <b>23818</b>   | 24                                                                                  | 6,34                                                                                | 100                                                                                 | 1450                                                                                | 6,3                                                                                 | 4,7                                                                                 | 1450                                                                                | 9                                                                                   |
| ● RK 24.15 H N                   | ● <b>23819</b> | 24                                                                                  | 6,34                                                                                | 150                                                                                 | 2200                                                                                | 9,4                                                                                 | 7,2                                                                                 | 1450                                                                                | 9,5                                                                                 |



● testa  
nichelata  
nickel plated  
brass head



● bielle in  
bronzo  
connecting-rods



● testa in  
ottone  
brass head



● bielle in  
alluminio  
aluminium  
connecting-rods



# 228 series

## POMPA ALBERO MASCHIO

Solid shaft pump



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



autolavaggio  
car wash



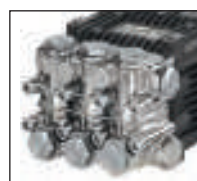
agricoltura  
agriculture



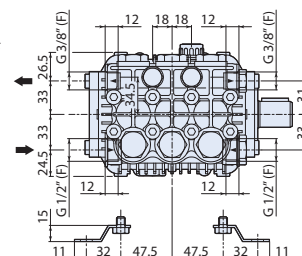
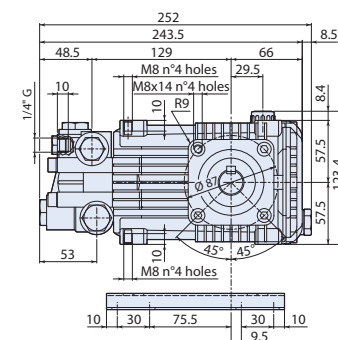
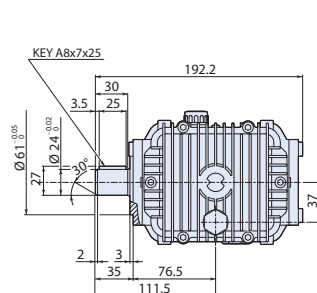
municipality



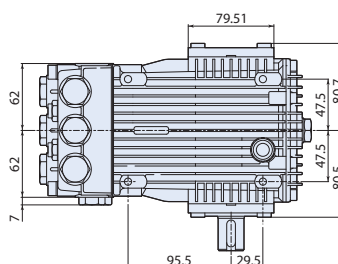
cantieri ed  
edilizia  
construction  
industry



Model H



Piedi a richiesta.  
Base on request.



1388523

## N version

| MOD                               | COD            |  MAX |  MAX |     |      |      |     |            |     |
|-----------------------------------|----------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----|------|------|-----|------------|-----|
|                                   |                | l/min                                                                                   | gpm                                                                                     | bar | psi  | hp   | kW  | N° giri/1' | kg  |
| <b>RKA 1750rpm Nversion Ø24mm</b> |                |                                                                                         |                                                                                         |     |      |      |     |            |     |
| RKA 3.5 G25 N                     | <b>20659</b>   | 13,2                                                                                    | 3,5                                                                                     | 170 | 2500 | 5    | 3,6 | 1750       | 9   |
| ● RKA 3.5 G40 H N                 | ● <b>20661</b> | 13,2                                                                                    | 3,5                                                                                     | 275 | 4000 | 10   | 7,5 | 1750       | 9,5 |
| ● RKA 4 G30 H N                   | ● <b>20665</b> | 15,1                                                                                    | 4                                                                                       | 205 | 3000 | 7,5  | 5,5 | 1750       | 9,5 |
| ● RKA 4 G40 H N                   | ● <b>20667</b> | 15,1                                                                                    | 4                                                                                       | 275 | 4000 | 11   | 8,2 | 1750       | 9,5 |
| RKA 4.5 G17 N                     | <b>20668</b>   | 17                                                                                      | 4,5                                                                                     | 115 | 1700 | 5    | 3,6 | 1750       | 9   |
| ● RKA 4.5 G30 H N                 | ● <b>20670</b> | 17                                                                                      | 4,5                                                                                     | 205 | 3000 | 10   | 7,5 | 1750       | 9,5 |
| ● RKA 4.5 G40 H N                 | ● <b>21130</b> | 17                                                                                      | 4,5                                                                                     | 275 | 4000 | 12,5 | 9,2 | 1750       | 9,5 |
| RKA 5.5 G13 N                     | <b>20671</b>   | 20,8                                                                                    | 5,5                                                                                     | 90  | 1300 | 5    | 3,6 | 1750       | 9   |
| ● RKA 5.5 G20 H N                 | ● <b>20672</b> | 20,8                                                                                    | 5,5                                                                                     | 140 | 2000 | 7,5  | 5,5 | 1750       | 9   |
| ● RKA 5.5 G30 H N                 | ● <b>21131</b> | 20,8                                                                                    | 5,5                                                                                     | 205 | 3000 | 11   | 8,2 | 1750       | 9,5 |
| RKA 6.5 G13 N                     | <b>20674</b>   | 25                                                                                      | 6,6                                                                                     | 90  | 1300 | 6    | 4,4 | 1750       | 9   |
| ● RKA 6.5 G20 H N                 | ● <b>20675</b> | 25                                                                                      | 6,6                                                                                     | 140 | 2000 | 9    | 6,8 | 1750       | 9,5 |
| RKA 7 G13 N                       | <b>20676</b>   | 27                                                                                      | 7,1                                                                                     | 90  | 1300 | 6,5  | 4,7 | 1750       | 9   |
| ● RKA 7 G20 H N                   | ● <b>20677</b> | 27                                                                                      | 7,1                                                                                     | 140 | 2000 | 10   | 7,5 | 1750       | 9,5 |



● testa  
nichelata  
nickel plated  
brass head



○ bielle in  
bronzo  
bronze  
connecting-rods



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods

# 228 Series

## POMPA ALBERO CAVO

Hollow shaft pump



idropultrici  
pressure  
washers



processi  
industriali  
industrial  
processes



autolavaggio  
car wash



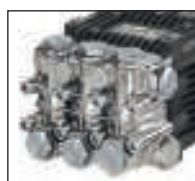
agricoltura  
agriculture



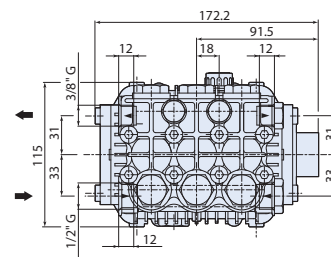
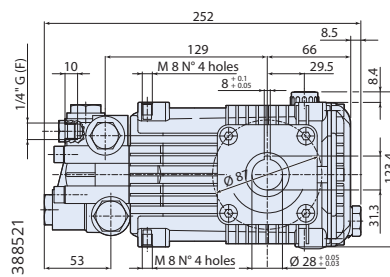
municipality



cantieri ed  
edilizia  
construction  
industry



● Model H



## C version

| MOD                       | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |               |    |
|---------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|---------------|----|
|                           |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N°<br>giri/1' | kg |
| RK 1450rpm Cversion Ø28mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |               |    |
| ● RK 11.20 H C            | 20647 | 11                                                                                         | 2,90                                                                                       | 200                                                                                 | 2900                                                                                             | 5,5 | 4   | 1450          | 9  |
| RK 13.12 C                | 20648 | 13                                                                                         | 3,43                                                                                       | 120                                                                                 | 1740                                                                                             | 4   | 3   | 1450          | 9  |
| RK 13.17 C                | 20649 | 13                                                                                         | 3,43                                                                                       | 170                                                                                 | 2500                                                                                             | 5,5 | 4   | 1450          | 9  |
| ● RK 13.20 H C            | 20650 | 13                                                                                         | 3,43                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 1450          | 9  |
| RK 14.16 C                | 20651 | 14                                                                                         | 3,70                                                                                       | 160                                                                                 | 2300                                                                                             | 5,5 | 4   | 1450          | 9  |
| RK 15.15 C                | 20652 | 15                                                                                         | 3,96                                                                                       | 150                                                                                 | 2200                                                                                             | 5,5 | 4   | 1450          | 9  |
| ● RK 15.20 H C            | 20653 | 15                                                                                         | 3,96                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 1450          | 9  |
| RK 18.12 C                | 20654 | 18                                                                                         | 4,75                                                                                       | 120                                                                                 | 1740                                                                                             | 5,5 | 4   | 1450          | 9  |
| ● RK 18.16 H C            | 20655 | 18                                                                                         | 4,75                                                                                       | 160                                                                                 | 2300                                                                                             | 7,5 | 5,5 | 1450          | 9  |
| RK 21.10 C                | 20656 | 21                                                                                         | 5,55                                                                                       | 100                                                                                 | 1450                                                                                             | 5,5 | 4   | 1450          | 9  |
| ● RK 21.15 H C            | 20657 | 21                                                                                         | 5,55                                                                                       | 150                                                                                 | 2200                                                                                             | 7,5 | 5,5 | 1450          | 9  |



● testa  
nichelata  
nickel plated  
brass head



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods

F16 flange for electric motor B14 100÷112 IEC34-7, 4 poles 50Hz. Flange not included.  
Flangia F16 per motori elettrici B14 Gr.100÷112 IEC34-7, 4 poli 50Hz. Flangia non inclusa.





# 228 series

## POMPA ALBERO CAVO

Hollow shaft pump



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



autolavaggio  
car wash



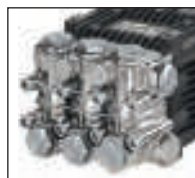
agricoltura  
agriculture



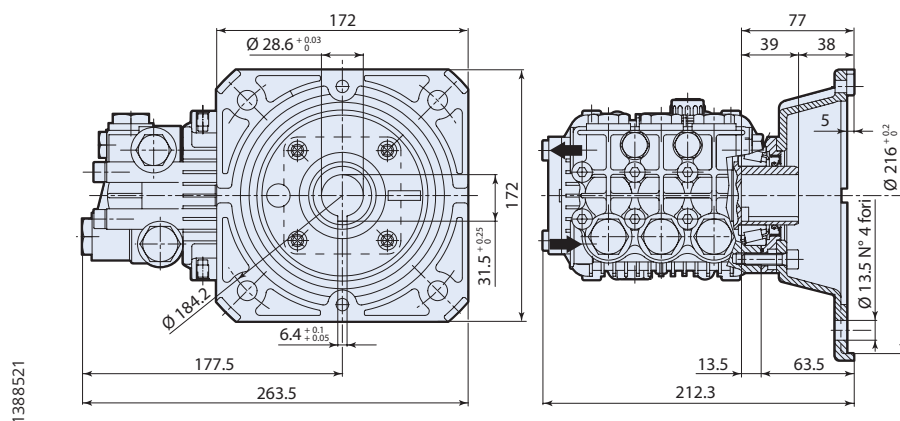
municipality



cantieri ed  
edilizia  
construction  
industry



● Model H



Flangia F17 fornita a richiesta.  
F17 flange on request.

## E version

| MOD                          | COD     | MAX   |     | MAX |      | MAX |     | MAX        |     | KG  |
|------------------------------|---------|-------|-----|-----|------|-----|-----|------------|-----|-----|
|                              |         | l/min | gpm | bar | psi  | hp  | kW  | N° giri/1' |     | NET |
| RKA 1750rpm Eversion Ø1" 1/8 |         |       |     |     |      |     |     |            |     |     |
| RKA 3.5 G25 E                | 20678   | 13,2  | 3,5 | 170 | 2500 | 5   | 3,6 | 1750       | 9   |     |
| ● RKA 3.5 G30 H E            | ● 20679 | 13,2  | 3,5 | 205 | 3000 | 7,5 | 5,5 | 1750       | 9,5 |     |
| RKA 4 G20 E                  | 20680   | 15,1  | 4   | 140 | 2000 | 5   | 3,6 | 1750       | 9   |     |
| ● RKA 4 G30 H E              | ● 20681 | 15,1  | 4   | 205 | 3000 | 7,5 | 5,5 | 1750       | 9,5 |     |
| RKA 5.5 G13 E                | 20682   | 20,8  | 5,5 | 90  | 1300 | 5   | 3,6 | 1750       | 9   |     |
| RKA 6.5 G13 E                | ● 20683 | 25    | 6,6 | 90  | 1300 | 6   | 4,4 | 1750       | 9   |     |
| ● RKA 6.5 G20 H E            | ● 20684 | 25    | 6,6 | 140 | 2000 | 9   | 6,8 | 1750       | 9,5 |     |
| RKA 7 G13 E                  | 20685   | 27    | 7,1 | 90  | 1300 | 6,5 | 4,7 | 1750       | 9   |     |
| ● RKA 7 G20 H E              | ● 20686 | 27    | 7,1 | 140 | 2000 | 10  | 7,5 | 1750       | 9,5 |     |



● testa  
nichelata  
nickel plated  
brass head



● bielle in  
bronzo  
bronze  
connecting-rods



● testa in  
ottone  
brass  
head



● bielle in  
alluminio  
aluminium  
connecting-rods

Flangia F17 per motori elettrici NEMA 182-184, 4 poli 60Hz. Flangia non inclusa.  
F17 flange for electric motor NEMA 182-184, 4 poles 60Hz. Flange not included.

# 228 Series

## POMPA ALBERO CAVO Hollow shaft pump



Model H



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



autolavaggio  
car wash



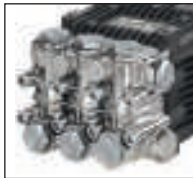
agricoltura  
agriculture



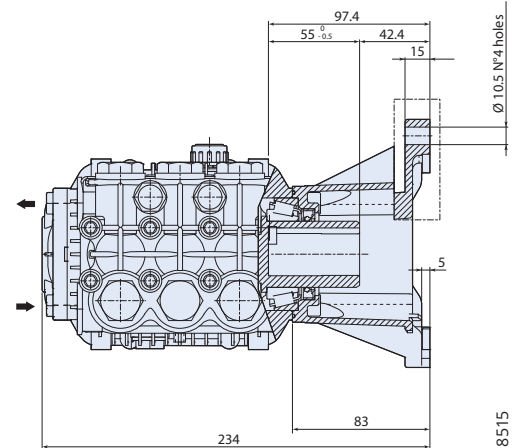
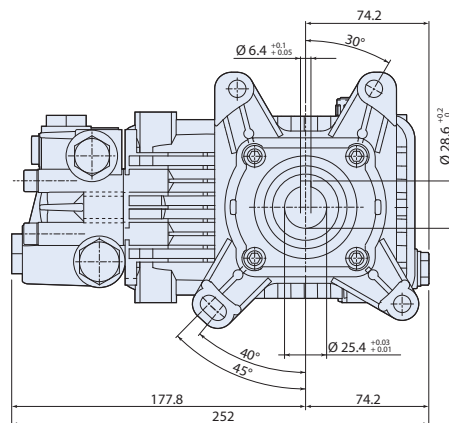
municipality



cantieri ed  
edilizia  
construction  
industry



● Model H



2288515

## D version + F41

| MOD                            | COD     | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |            |      |
|--------------------------------|---------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|------------|------|
|                                |         | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N° giri/1' | kg   |
| RKV 3400rpm Dversion + F41 Ø1" |         |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |      |
| RKV 3.5 G25 D + F41            | 20693   | 13,2                                                                                       | 3,5                                                                                        | 170                                                                                 | 2500                                                                                             | 5   | 3,6 | 3400       | 10   |
| ● RKV 3.5 G30 H D + F41        | ● 20694 | 13,2                                                                                       | 3,5                                                                                        | 205                                                                                 | 3000                                                                                             | 5   | 3,6 | 3400       | 10,5 |
| ● RKV 3.5 G40 H D + F41        | ● 21132 | 13,2                                                                                       | 3,5                                                                                        | 275                                                                                 | 4000                                                                                             | 10  | 7,5 | 3400       | 10   |
| RKV 4 G30 D + F41              | 20697   | 15,1                                                                                       | 4                                                                                          | 205                                                                                 | 3000                                                                                             | 7,5 | 5,5 | 3400       | 10,5 |
| ● RKV 4 G35 H D + F41          | ● 20699 | 15,1                                                                                       | 4                                                                                          | 240                                                                                 | 3500                                                                                             | 7,5 | 5,5 | 3400       | 10,5 |
| ● RKV 4 G40 H D + F41          | ● 21133 | 15,1                                                                                       | 4                                                                                          | 275                                                                                 | 4000                                                                                             | 11  | 8,2 | 3400       | 10,5 |
| ● RKV 4.5 G40 H D + F41        | ● 21134 | 17                                                                                         | 4,5                                                                                        | 275                                                                                 | 4000                                                                                             | 12  | 8,7 | 3400       | 10,5 |
| ● RKV 5.5 G40 H D + F41        | ● 21135 | 20,8                                                                                       | 5,5                                                                                        | 275                                                                                 | 4000                                                                                             | 15  | 11  | 3400       | 10,5 |



● testa  
nichelata  
nickel plated  
brass head



○ bielle in  
bronzo  
bronze  
connecting-rods

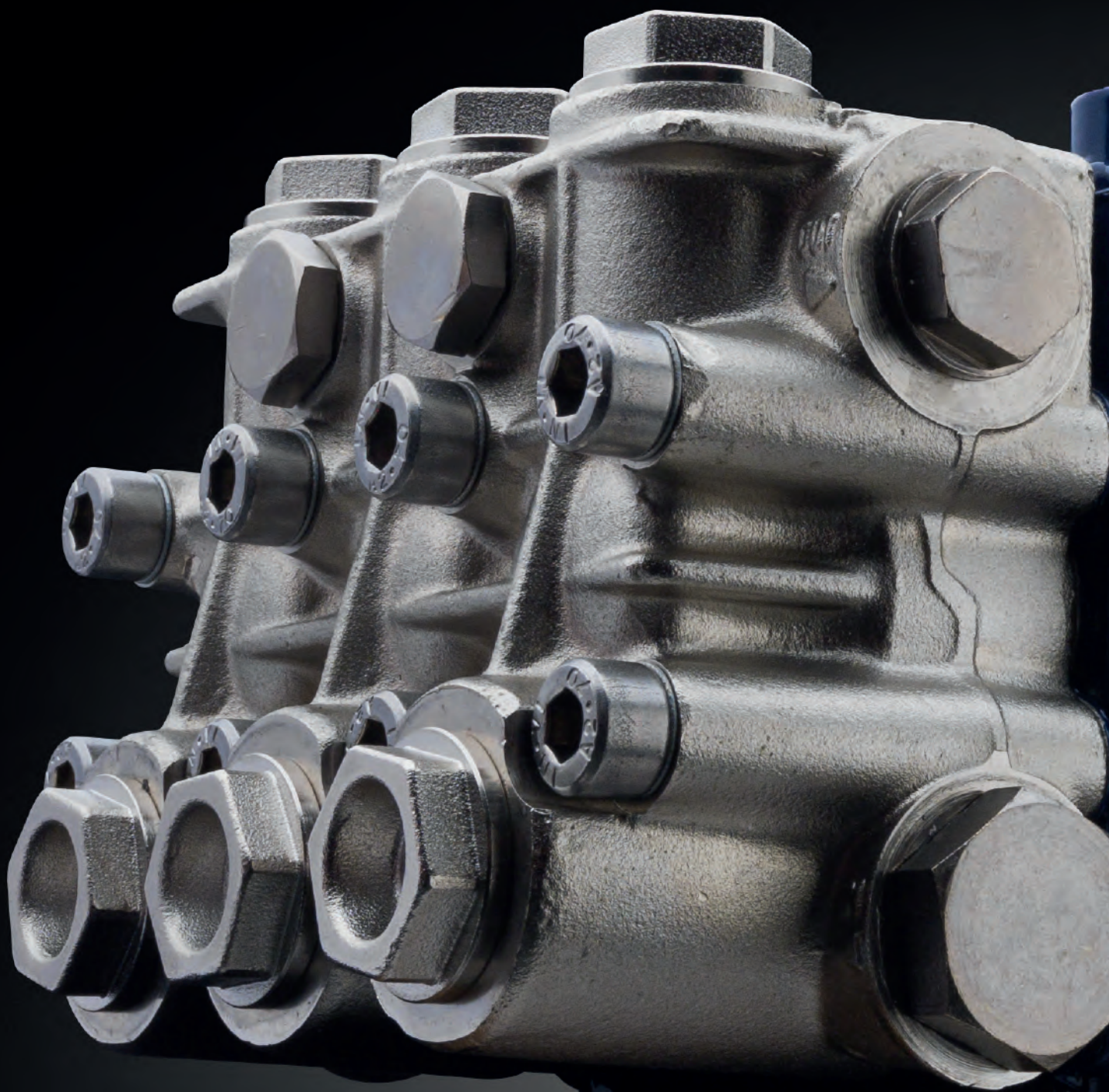


testa in  
ottone  
brass  
head

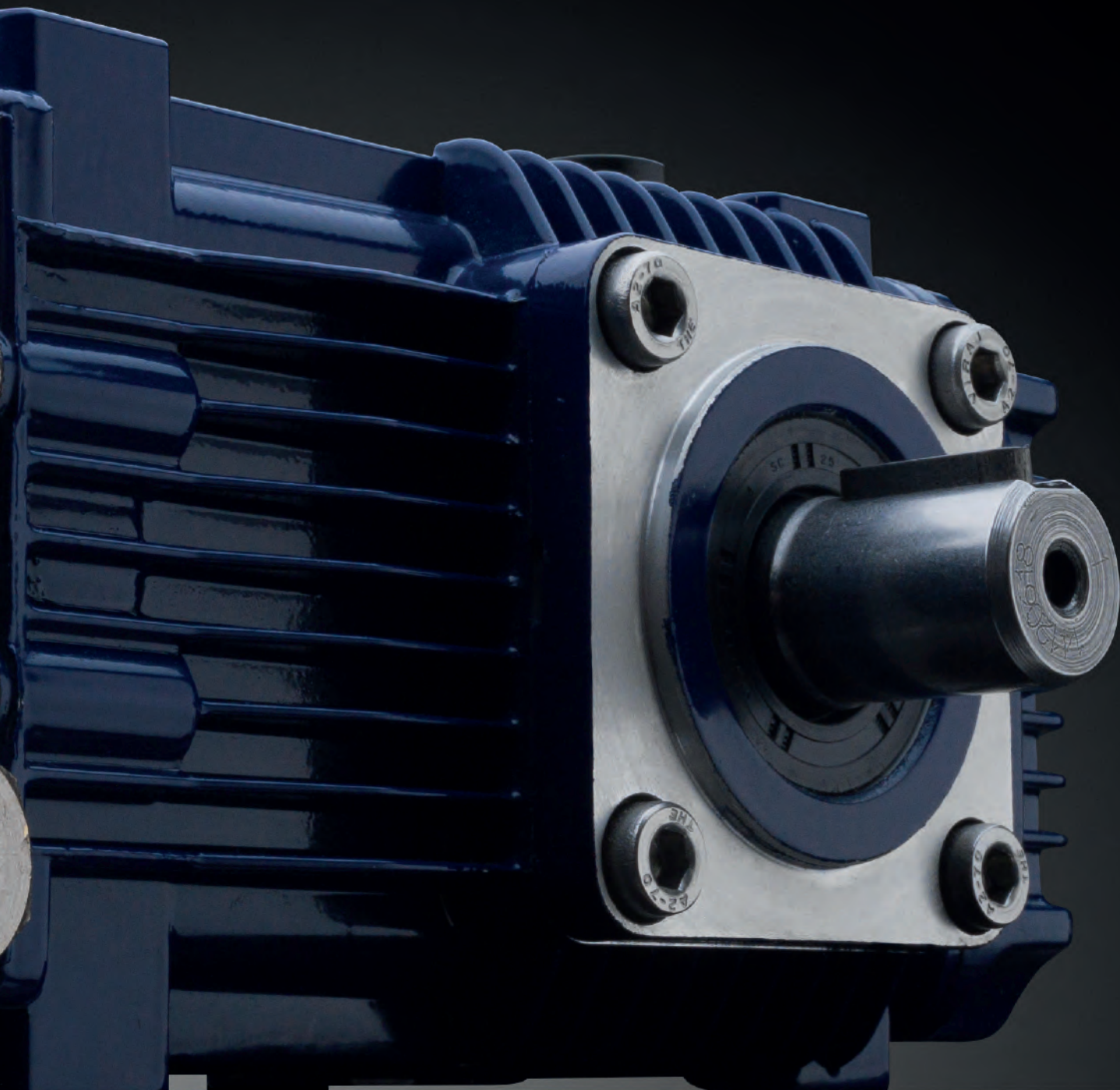


bielle in  
alluminio  
aluminium  
connecting-rods

Flangia F41 per motori scoppio Ø 1" SAE J609a.  
Flangia inclusa.  
Flange F41 for gasoline engine Ø 1" SAE J609a.  
Flange included.







## Premium Series

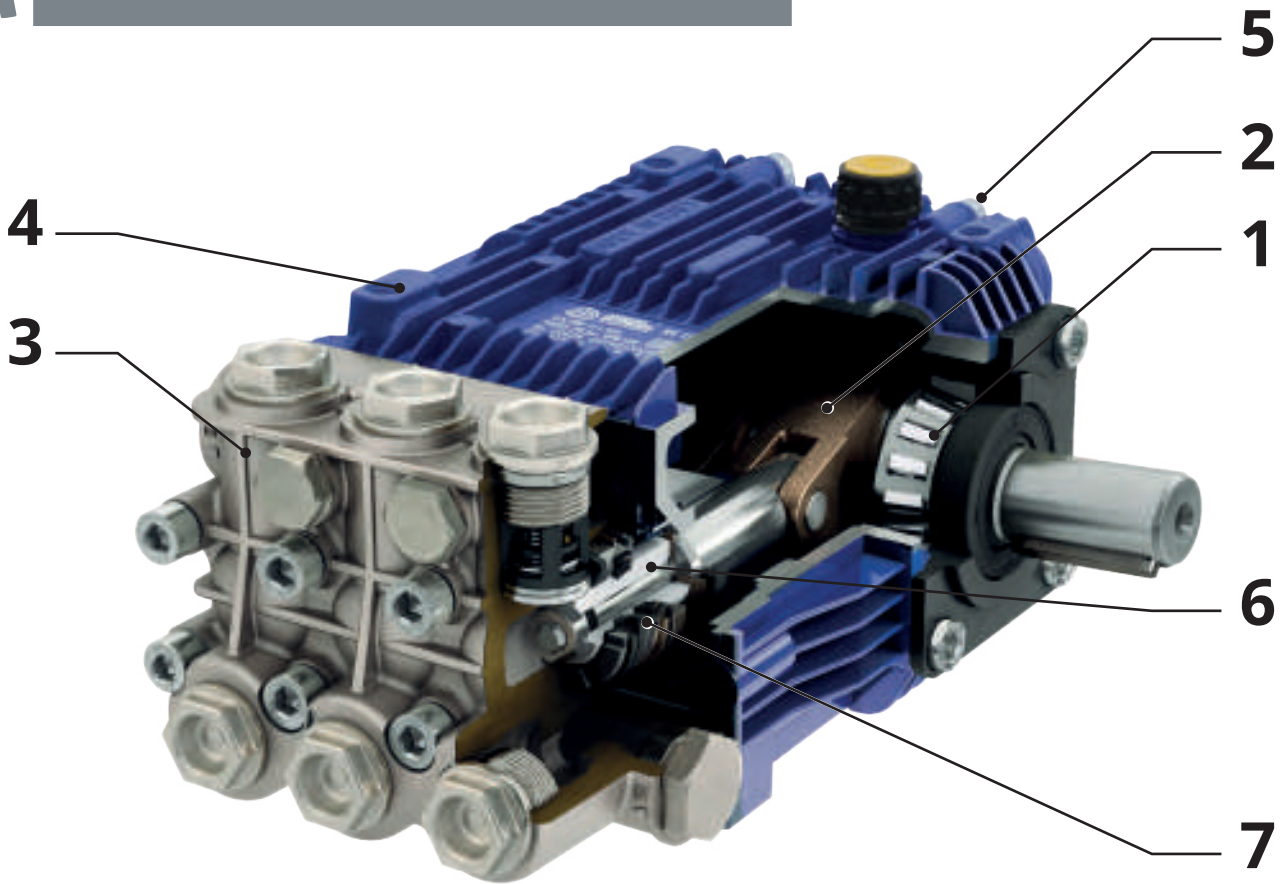
LOW MAINTENANCE  
HIGH EFFICIENCY





## 228 Series

### PREMIUM SERIES



- 1** Cuscinetti a rulli conici di livello Premium.
- 2** Bielle in speciale lega in bronzo con eccellenti proprietà antifrizione e meccaniche.
- 3** Testa in ottone nichelato per una maggiore resistenza agli agenti chimici.
- 4** Corpo in lega di alluminio pressofuso con trattamento di verniciatura a polvere per una maggiore resistenza alla corrosione.
- 5** Coperchio posteriore maggiorato per contenere una maggiore quantità di olio e per garantire quindi una migliore lubrificazione.  
Tappo scarico olio magnetico per raccolta di particelle metalliche provenienti dall'usura delle parti meccaniche in movimento.
- 6** Pistoni in ceramica.  
Lavorazione speciale per i pistoni di guida mirata a ridurre i rischi di perdite di olio.
- 7** Doppia guarnizione Long Life per una durata maggiore e prevenire perdite di acqua.

- 1** Premium quality tapered roller bearings.
- 2** Connecting rods in a special bronze alloy with excellent low-friction and mechanical performance.
- 3** Nickel-plated brass pump head for added protection against chemicals.
- 4** Crankcase in pressure die-cast aluminium alloy with a paint treatment that increases the corrosion resistance.
- 5** Extended back cover to contain a larger amount of oil and ensure a better lubrication.  
Magnetic discharge oil cap to attract all microscopic metal particles arising from heavy duty usage.
- 6** Ceramic plungers.  
Special machining for plungers guide aimed at reducing the risk of oil leaks.
- 7** Long life double sealing system to ensure longer duration and prevent water leakage.

### Premium Series

LOW MAINTENANCE  
HIGH EFFICIENCY



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



autolavaggio  
car wash



agricoltura  
agriculture



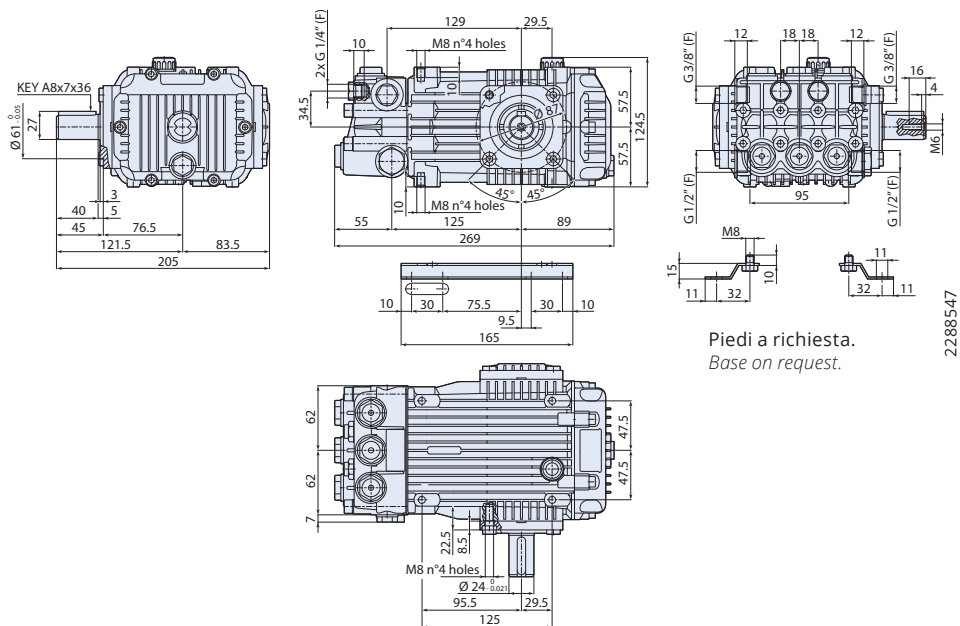
municipality



cantieri ed  
edilizia  
construction  
industry



### CAR WASH



Piedi a richiesta.  
Base on request.

2288547

### N version

| MOD                               | COD          |       |      |     |      |     |     |            |    |
|-----------------------------------|--------------|-------|------|-----|------|-----|-----|------------|----|
|                                   |              | l/min | gpm  | bar | psi  | hp  | kW  | N° giri/1' | kg |
| <b>JK 1450rpm Nversion Ø24mm</b>  |              |       |      |     |      |     |     |            |    |
| JK 11.20 H N                      | <b>26781</b> | 11    | 2,9  | 200 | 2900 | 5,5 | 4   | 1450       | 10 |
| JK 12.20 H N                      | <b>26782</b> | 12    | 3,2  | 200 | 2900 | 5,5 | 4   | 1450       | 10 |
| JK 13.12 H N                      | <b>26359</b> | 13    | 3,43 | 120 | 1740 | 5,5 | 4   | 1450       | 10 |
| JK 13.20 H N                      | <b>26783</b> | 13    | 3,43 | 200 | 2900 | 7,5 | 5,5 | 1450       | 10 |
| JK 15.15 H N                      | <b>26169</b> | 15    | 3,96 | 150 | 2200 | 5,5 | 4   | 1450       | 10 |
| JK 15.20 H N                      | <b>23964</b> | 15    | 3,96 | 200 | 2900 | 7,5 | 5,5 | 1450       | 10 |
| JK 18.16 H N                      | <b>26779</b> | 18    | 4,75 | 160 | 2300 | 7,5 | 5,5 | 1450       | 10 |
| JK 21.15 H N                      | <b>26780</b> | 21    | 5,55 | 150 | 2200 | 7,5 | 5,5 | 1450       | 10 |
| <b>JKA 1750rpm Nversion Ø24mm</b> |              |       |      |     |      |     |     |            |    |
| JKA 4 G30 H N                     | <b>26531</b> | 15,1  | 4    | 205 | 3000 | 7,5 | 5,5 | 1750       | 10 |



testa  
nichelata  
nickel plated  
brass head



bielle in  
bronzo  
bronze  
connecting-rods



# 228 series

## POMPA ALBERO MASCHIO Solid shaft pump



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



autolavaggio  
car wash

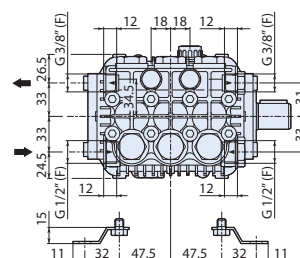
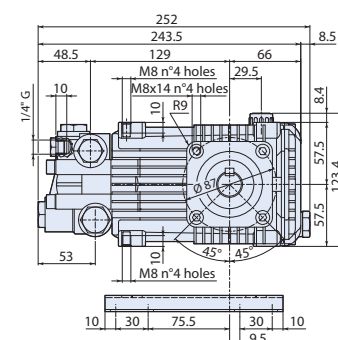
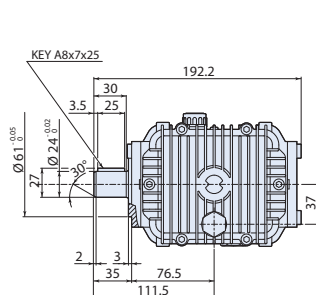


agricoltura  
agriculture

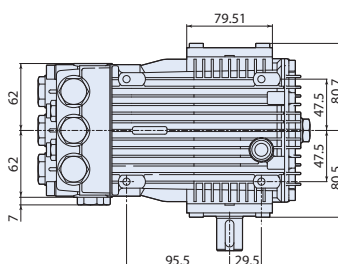


cantieri ed  
edilizia  
construction  
industry

## CAR WASH



Piedi a richiesta.  
Base on request.



1388523

## N version

| MOD                        | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |            |     |
|----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|------------|-----|
|                            |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N° giri/1' | kg  |
| RCW 950rpm Nversion Ø24mm  |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |     |
| RCW 10.15 N                | 20825 | 10                                                                                         | 2,64                                                                                       | 150                                                                                 | 2200                                                                                             | 4   | 3   | 950        | 9,5 |
| RCW 15.14 N                | 20826 | 15                                                                                         | 3,96                                                                                       | 140                                                                                 | 2000                                                                                             | 5,5 | 4   | 950        | 9,5 |
| RCW 1450rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |     |
| RCW 11.10 N                | 20827 | 11                                                                                         | 2,90                                                                                       | 100                                                                                 | 1450                                                                                             | 3   | 2,2 | 1450       | 9,5 |
| RCW 15.15 N                | 20828 | 15                                                                                         | 3,96                                                                                       | 150                                                                                 | 2200                                                                                             | 5,5 | 4   | 1450       | 9,5 |
| RCW 15.20 N                | 20833 | 15                                                                                         | 3,96                                                                                       | 200                                                                                 | 2900                                                                                             | 7,5 | 5,5 | 1450       | 9,5 |



testa  
nichelata  
nickel plated  
brass head



bielle in  
bronzo  
bronze  
connecting-rods

# 228 Series

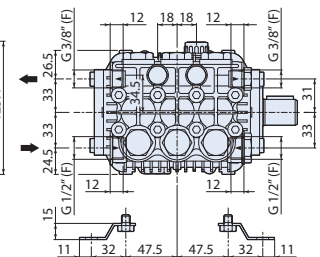
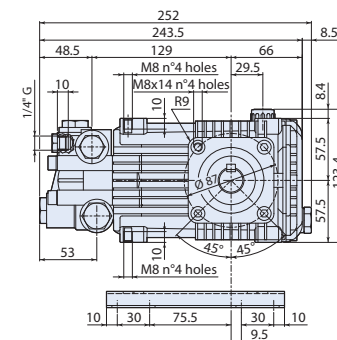
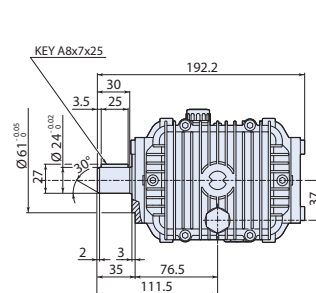
POMPA ALBERO MASCHIO  
Solid shaft pump



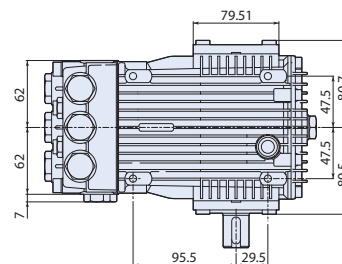
autolavaggio  
car wash

municipality

**HOT WATER 85°C**



Piedi a richiesta.  
Base on request.



1388523

## N version

| MOD                        | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |    |            |     |
|----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|----|------------|-----|
|                            |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW | N° giri/1' | kg  |
| RHW 950rpm Nversion Ø24mm  |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |    |            |     |
| RHW 10.15 N                | 22345 | 10                                                                                         | 2,64                                                                                       | 150                                                                                 | 2200                                                                                             | 4   | 3  | 950        | 9,5 |
| RHW 1450rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |    |            |     |
| RHW 13.12 N                | 22342 | 13                                                                                         | 3,43                                                                                       | 120                                                                                 | 1740                                                                                             | 4   | 3  | 1450       | 9,5 |
| RHW 13.17 N                | 22343 | 13                                                                                         | 3,43                                                                                       | 170                                                                                 | 2500                                                                                             | 5,5 | 4  | 1450       | 9,5 |
| RHW 15.15 N                | 22344 | 15                                                                                         | 3,96                                                                                       | 150                                                                                 | 2200                                                                                             | 5,5 | 4  | 1450       | 9,5 |



testa  
nichelata  
nickel plated  
brass head



guarnizioni  
in PTFE  
PTFE gasket  
sealing



bielle in  
bronzo  
bronze  
connecting-rods





# 228 Series

## ELECTRIC MOTOR-PUMP UNITS



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



autolavaggio  
car wash



agricoltura  
agriculture



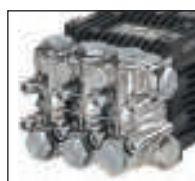
industria  
alimentare  
food  
industry



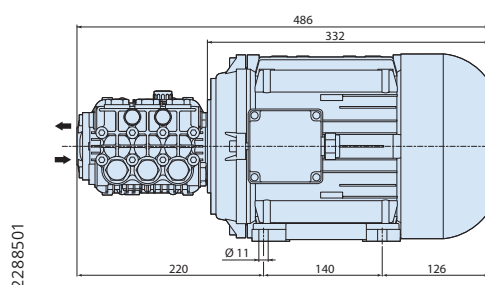
cantieri ed  
edilizia  
construction  
industry



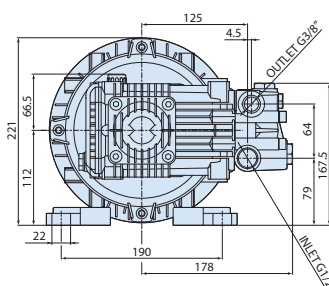
GR. 112 motor hollow shaft



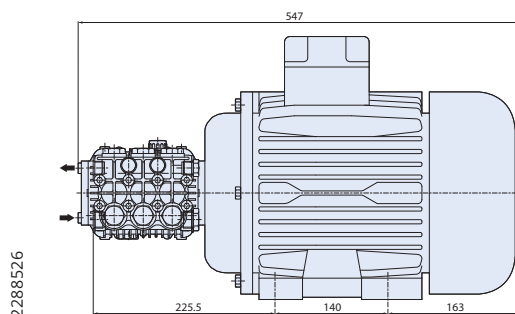
● Model H



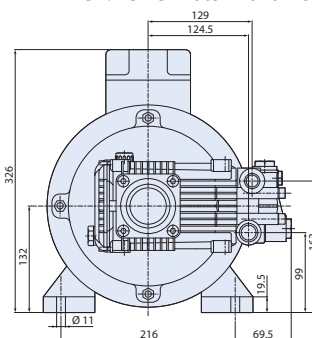
2288501



GR. 132 S motor hollow shaft



2288526



| MOD                                                                                                  | COD   | <br>MAX | <br>MAX |  |      |     |     |               |          |       |    | <br>KG<br>NET |
|------------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------|-----|-----|---------------|----------|-------|----|----------------------------------------------------------------------------------------------------|
|                                                                                                      | 3 ~   | l/min                                                                                      | gpm                                                                                        | bar                                                                                  | psi  | hp  | kW  | N°<br>giri/1' | V 3-50Hz | Gr.   | kg |                                                                                                    |
| HRK 1450rpm                                                                                          |       |                                                                                            |                                                                                            |                                                                                      |      |     |     |               |          |       |    |                                                                                                    |
| ● HRK 13.20 H ET                                                                                     | 20859 | 13                                                                                         | 3,43                                                                                       | 200                                                                                  | 2900 | 7,5 | 5,5 | 1450          | 230/400  | 112   | 41 |                                                                                                    |
| HRK 14.16 ET                                                                                         | 20860 | 14                                                                                         | 3,70                                                                                       | 160                                                                                  | 2300 | 5,5 | 4   | 1450          | 230/400  | 112   | 32 |                                                                                                    |
| HRK 15.15 ET                                                                                         | 20861 | 15                                                                                         | 3,96                                                                                       | 150                                                                                  | 2200 | 5,5 | 4   | 1450          | 230/400  | 112   | 32 |                                                                                                    |
| ● HRK 15.20 H ET                                                                                     | 20862 | 15                                                                                         | 3,96                                                                                       | 200                                                                                  | 2900 | 7,5 | 5,5 | 1450          | 230/400  | 112   | 41 |                                                                                                    |
| ● HRK 15.25 H ET  | 20863 | 15                                                                                         | 3,96                                                                                       | 250                                                                                  | 3625 | 10  | 7,5 | 1450          | 230/400  | 132 S | 56 |                                                                                                    |
| ● HRK 18.16 H ET                                                                                     | 20865 | 18                                                                                         | 4,75                                                                                       | 160                                                                                  | 2300 | 7,5 | 5,5 | 1450          | 230/400  | 112   | 41 |                                                                                                    |
| HRK 21.10 ET                                                                                         | 20866 | 21                                                                                         | 5,55                                                                                       | 100                                                                                  | 1450 | 5,5 | 4   | 1450          | 230/400  | 112   | 32 |                                                                                                    |
| ● HRK 21.15 H ET                                                                                     | 20867 | 21                                                                                         | 5,55                                                                                       | 150                                                                                  | 2200 | 7,5 | 5,5 | 1450          | 230/400  | 112   | 41 |                                                                                                    |
| ● HRK 21.20 H ET  | 20868 | 21                                                                                         | 5,55                                                                                       | 210                                                                                  | 2900 | 10  | 7,5 | 1450          | 230/400  | 132 S | 56 |                                                                                                    |



● testa  
nichelata  
nickel plated  
brass head



○ bielle in  
bronzo  
bronze  
connecting-rods



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods



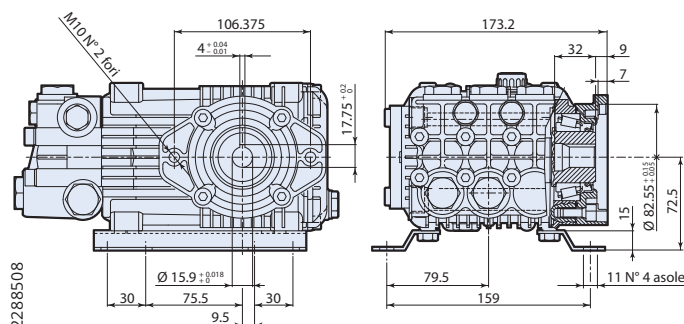
3~50Hz  
frequenza  
motore  
motor  
frequency

# 228 Series

## HYDRAULIC DRIVE



municipality



Piedi a richiesta.  
Base on request.

## RK + F38

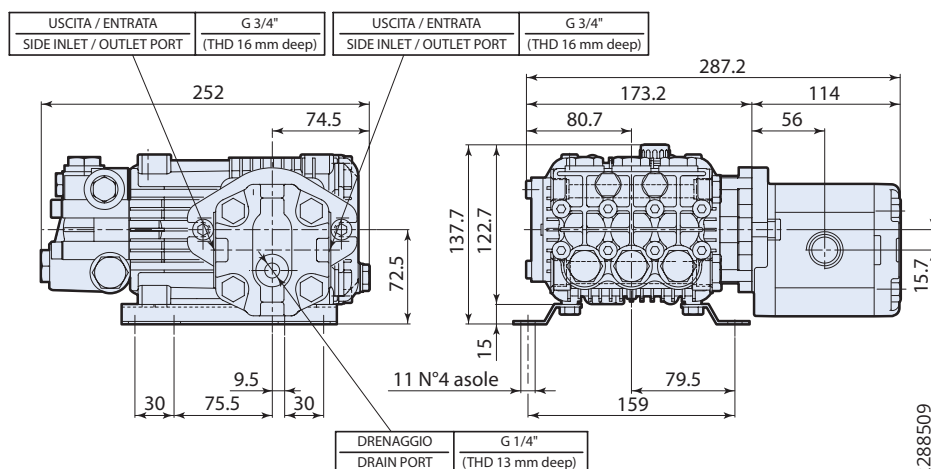
| MOD                      | COD          |  MAX |  MAX |  MAX |  MAX |  MAX |  MAX |  MAX |  MAX |
|--------------------------|--------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
|                          |              | l/min                                                                                 | gpm                                                                                   | bar                                                                                   | psi                                                                                   | hp                                                                                      | kW                                                                                      | N° giri/1'                                                                              | kg                                                                                      |
| <b>RK 1450rpm + F 38</b> |              |                                                                                       |                                                                                       |                                                                                       |                                                                                       |                                                                                         |                                                                                         |                                                                                         |                                                                                         |
| RK 15.15 + F38           | <b>21599</b> | 15                                                                                    | 3,96                                                                                  | 150                                                                                   | 2200                                                                                  | 5,5                                                                                     | 4                                                                                       | 1450                                                                                    | 9,2                                                                                     |
| RK 15.20 + F38           | <b>21600</b> | 15                                                                                    | 3,96                                                                                  | 200                                                                                   | 2900                                                                                  | 7,5                                                                                     | 5,5                                                                                     | 1450                                                                                    | 9,2                                                                                     |
| RK 21.15 + F38           | <b>22086</b> | 21                                                                                    | 5,55                                                                                  | 150                                                                                   | 2200                                                                                  | 7,5                                                                                     | 5,5                                                                                     | 1450                                                                                    | 9,2                                                                                     |



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods



municipality



antincendio  
fire fighting

## HYD - RK

| MOD           | COD          | POMPA A PISTONI • HP PISTON PUMP                                                        |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                          | MOTORE IDRAULICO • HYDRAULIC MOTOR |      |                                                                                           |                                                                                           |                                                                                           |                                                                                           | KG<br>NET |
|---------------|--------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------|------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------|
|               |              |  MAX |  MAX |  MAX |  MAX |  MAX |  MAX | SAUER DANFOSS*                     |      |  MAX |  MAX |  MAX |  MAX |           |
|               |              | l/min                                                                                   | gpm                                                                                     | bar                                                                                     | psi                                                                                     | N° giri/1'                                                                              | hp                                                                                       | Type                               | Cod  | cm³                                                                                       | bar                                                                                       | l/min                                                                                     | N° giri/1'                                                                                | kg        |
| <b>HYD-RK</b> |              |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                          |                                    |      |                                                                                           |                                                                                           |                                                                                           |                                                                                           |           |
| HYD-RK 15.15  | <b>21604</b> | 15                                                                                      | 3,96                                                                                    | 150                                                                                     | 2200                                                                                    | 1450                                                                                    | 5,5                                                                                      | SNM2NN/019<br>BN06GAM1F5F5N        | 4769 | 19,2                                                                                      | 105                                                                                       | 29                                                                                        | 1450                                                                                      | 12,5      |
| HYD-RK 15.20  | <b>21605</b> | 15                                                                                      | 3,96                                                                                    | 200                                                                                     | 2900                                                                                    | 1450                                                                                    | 7,5                                                                                      | SNM2NN/019<br>BN06GAM1F5F5N        | 4769 | 19,2                                                                                      | 140                                                                                       | 29                                                                                        | 1450                                                                                      | 12,5      |
| HYD-RK 21.15  | <b>22087</b> | 21                                                                                      | 5,55                                                                                    | 150                                                                                     | 2200                                                                                    | 1450                                                                                    | 7,5                                                                                      | SNM2NN/019<br>BN06GAM1F5F5N        | 4769 | 19,2                                                                                      | 150                                                                                       | 29                                                                                        | 1450                                                                                      | 12,5      |

\*) A richiesta disponibili motori idraulici Casappa - Marzocchi.  
On request available Hydraulic Motor type: Casappa - Marzocchi.



# 228 Series

## GASOLINE MOTOR-PUMP UNITS



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



autolavaggio  
car wash



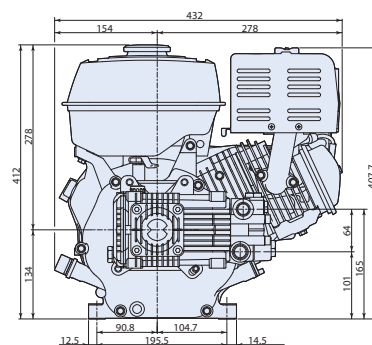
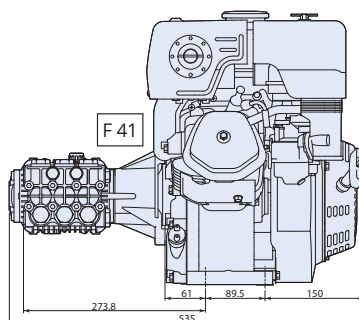
agricoltura  
agriculture



cantieri ed  
edilizia  
construction  
industry

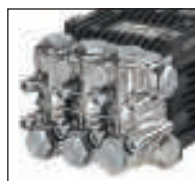


RKV 3400 rpm Direct Drive  
from Honda engine

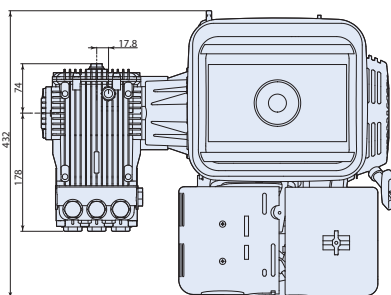


RKV 4 G20 Honda GX270

2288527



● Model H



| MOD                                                                                                                  | COD                                                                                                  | <br>MAX | <br>MAX | <br>RPM | <br>KG<br>NET |                     |      |
|----------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------|------|
|                                                                                                                      | Engine<br>HP                                                                                         | l/min                                                                                      | gpm                                                                                         | bar                                                                                          | psi                                                                                                | N° giri/1'<br>pompa | kg   |
| RKV Direct Drive                                                                                                     |                                                                                                      |                                                                                            |                                                                                             |                                                                                              |                                                                                                    |                     |      |
| RKV 4 G20 HONDA GX 270-QX Type                                                                                       | 8,4 <b>20880</b>                                                                                     | 15,1                                                                                       | 4                                                                                           | 140                                                                                          | 2000                                                                                               | 3400                | 35   |
|  RKV 4 G30 H HONDA GX 270-QX Type |  8,4 <b>20882</b> | 15,1                                                                                       | 4                                                                                           | 205                                                                                          | 3000                                                                                               | 3400                | 35,5 |



● testa  
nichelata  
nickel plated  
brass head



● bielle in  
bronzo  
bronze  
connecting-rods



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods



GASOLINE  
motore a  
scoppio  
gasoline  
engine



idropultrici  
pressure  
washers



processi  
industriali  
industrial  
processes



autolavaggio  
car wash



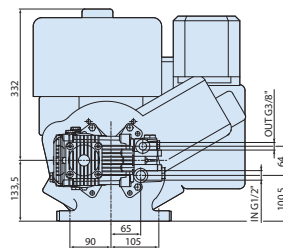
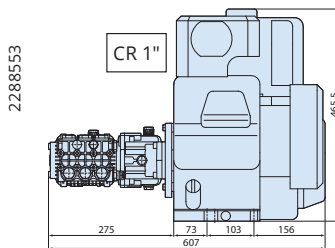
agricoltura  
agriculture



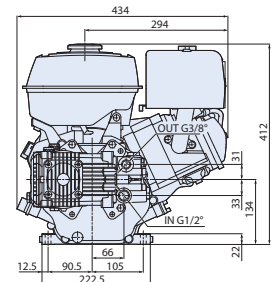
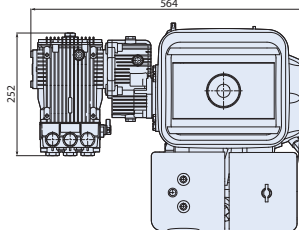
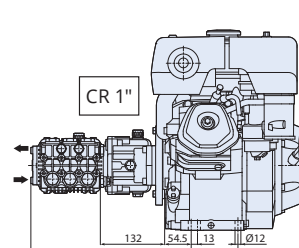
cantieri ed  
edilizia  
construction  
industry



RK 15.15 CR S  
(Honda engine)

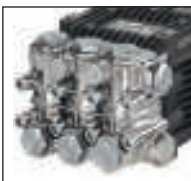
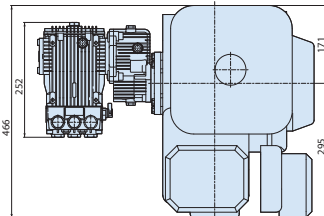


RK CR B&S



RK CR Honda GX270

2288537



● Model H

| MOD                                  | COD              | MAX   | MAX  | MAX | MAX  | RPM              | KG  |
|--------------------------------------|------------------|-------|------|-----|------|------------------|-----|
|                                      | Engine HP        | l/min | gpm  | bar | psi  | N° giri/1' pompa | NET |
| RK Gearbox Drive                     |                  |       |      |     |      |                  |     |
| RK 15.15 CR HONDA GX 270-QX Type     | 8,4 <b>20885</b> | 15    | 3,96 | 150 | 2200 | 1450             | 38  |
| ● RK 15.20 H CR HONDA GX 270-QX Type | 8,4 <b>20887</b> | 15    | 3,96 | 200 | 2900 | 1450             | 38  |
| ● RK 15.20 H CR B&S VANGUARD         | 13 <b>20886</b>  | 15    | 3,96 | 200 | 2900 | 1450             | 46  |



● testa  
nichelata  
nickel plated  
brass head



bielle in  
alluminio  
aluminum  
connecting-rods



testa in  
ottone  
brass head



motore a  
scoppio  
gasoline  
engine



# 402 SERIES

RG  
RGA  
RGL  
RGP  
SRG

RGX  
RGXA



Corpo e coperchi in alluminio  
pressofuso.  
Coperchio laterale con livello olio.  
Coperchio posteriore con scarico olio.

Cuscinetti a rulli conici.  
Bielle in lega zinco-alluminio  
pressofuso.  
Testa in ottone stampato. Possibilità di  
testa in ottone nichelata.  
Pistoni in ceramica.  
Cuscinetti a rulli conici di alta qualità.

*Crankcase and cover in pressure die-cast  
aluminium alloy.  
Side cover incorporated with oil sight glass.  
Back cover incorporated with oil drain  
outlet.  
Tapered roller bearings.  
Connecting rods in die-cast  
zinc-aluminium alloy.  
Pump head in forged brass. Nickel-plated  
brass head available.  
Ceramic plungers.  
High quality tapered roller bearings.*

# 402 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio industriale**  
industrial cleaning



**idropulitrici**  
pressure washers



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**agricoltura**  
agriculture



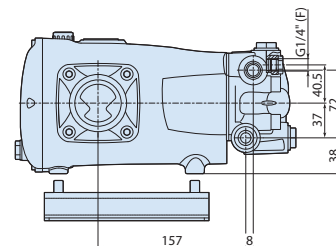
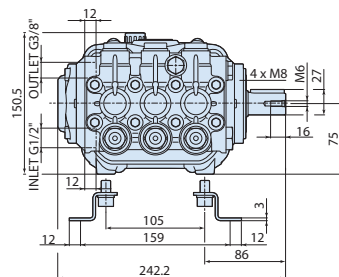
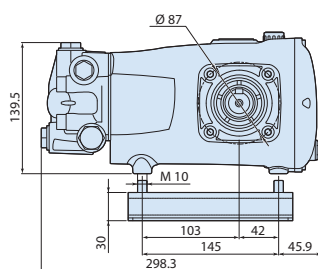
**cantieri ed edilizia**  
construction industry



**antincendio**  
fire fighting

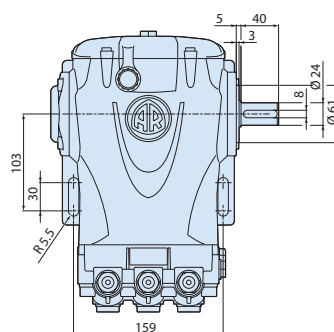


● Model H



Piedi a richiesta.  
Base on request.

4028500



## N version

| MOD                               | COD          |  MAX |  MAX |  MAX |  MAX |  |  |  |  |
|-----------------------------------|--------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|
|                                   |              | l/min                                                                                   | gpm                                                                                     | bar                                                                                     | psi                                                                                     | hp                                                                                    | kW                                                                                    | N° giri/1'                                                                            | kg                                                                                    |
| <b>RG 1450rpm Nversion Ø24mm</b>  |              |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| RG 13.17 N                        | <b>25399</b> | 13                                                                                      | 3,43                                                                                    | 170                                                                                     | 2500                                                                                    | 5,5                                                                                   | 4                                                                                     | 1450                                                                                  | 14                                                                                    |
| RG 15.15 N                        | <b>24962</b> | 15                                                                                      | 3,96                                                                                    | 150                                                                                     | 2200                                                                                    | 5,5                                                                                   | 4                                                                                     | 1450                                                                                  | 14                                                                                    |
| ● RG 15.20 H N                    | <b>25400</b> | 15                                                                                      | 3,96                                                                                    | 200                                                                                     | 2900                                                                                    | 7,5                                                                                   | 5,5                                                                                   | 1450                                                                                  | 14,5                                                                                  |
| ● RG 15.25 H N                    | <b>25401</b> | 15                                                                                      | 3,96                                                                                    | 250                                                                                     | 3625                                                                                    | 10                                                                                    | 7,5                                                                                   | 1450                                                                                  | 14,5                                                                                  |
| RG 18.17 N                        | <b>25402</b> | 18                                                                                      | 4,75                                                                                    | 170                                                                                     | 2500                                                                                    | 7,5                                                                                   | 5,5                                                                                   | 1450                                                                                  | 14                                                                                    |
| ● RG 18.20 H N                    | <b>25403</b> | 18                                                                                      | 4,75                                                                                    | 200                                                                                     | 2900                                                                                    | 10                                                                                    | 7,5                                                                                   | 1450                                                                                  | 14,5                                                                                  |
| RG 21.15 N                        | <b>25404</b> | 21                                                                                      | 5,55                                                                                    | 150                                                                                     | 2200                                                                                    | 7,5                                                                                   | 5,5                                                                                   | 1450                                                                                  | 14                                                                                    |
| ● RG 21.20 H N                    | <b>25405</b> | 21                                                                                      | 5,55                                                                                    | 200                                                                                     | 2900                                                                                    | 10                                                                                    | 7,5                                                                                   | 1450                                                                                  | 14,5                                                                                  |
| ● RG 21.25 H N                    | <b>25406</b> | 21                                                                                      | 5,55                                                                                    | 250                                                                                     | 3625                                                                                    | 12,5                                                                                  | 9,2                                                                                   | 1450                                                                                  | 14,5                                                                                  |
| RG 24.15 N                        | <b>25943</b> | 24                                                                                      | 6,34                                                                                    | 150                                                                                     | 2200                                                                                    | 7,5                                                                                   | 5,5                                                                                   | 1450                                                                                  | 14,5                                                                                  |
| <b>RGA 1750rpm Nversion Ø24mm</b> |              |                                                                                         |                                                                                         |                                                                                         |                                                                                         |                                                                                       |                                                                                       |                                                                                       |                                                                                       |
| RGA 4G 22 N                       | <b>25407</b> | 15,1                                                                                    | 4                                                                                       | 150                                                                                     | 2200                                                                                    | 5,5                                                                                   | 4                                                                                     | 1750                                                                                  | 14                                                                                    |
| ● RGA 4G 30 H N                   | <b>25408</b> | 15,1                                                                                    | 4                                                                                       | 205                                                                                     | 3000                                                                                    | 7,5                                                                                   | 5,5                                                                                   | 1750                                                                                  | 14,5                                                                                  |
| RGA 5.5G 22 N                     | <b>25409</b> | 20,8                                                                                    | 5,5                                                                                     | 150                                                                                     | 2200                                                                                    | 7,5                                                                                   | 5,5                                                                                   | 1750                                                                                  | 14,5                                                                                  |
| ● RGA 5.5G 30 H N                 | <b>25410</b> | 20,8                                                                                    | 5,5                                                                                     | 205                                                                                     | 3000                                                                                    | 10                                                                                    | 7,5                                                                                   | 1750                                                                                  | 14,5                                                                                  |



● **testa nichelata**  
nickel plated brass head



**testa in ottone**  
brass head



**bielle in alluminio**  
aluminium connecting-rods



# 402 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio  
industriale**  
industrial  
cleaning



**idropultrici**  
pressure  
washers



**processi  
industriali**  
industrial  
processes



**autolavaggio**  
car wash



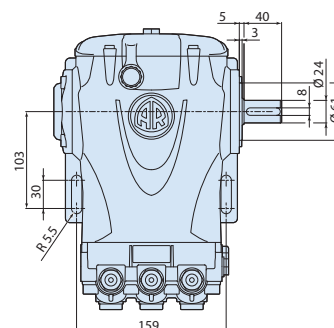
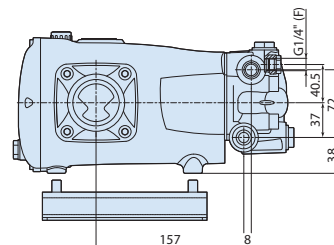
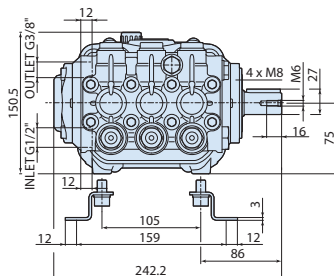
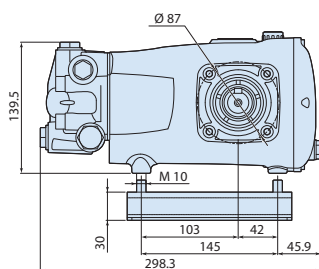
**agricoltura**  
agriculture



**cantieri ed  
edilizia**  
construction  
industry



**antincendio**  
fire fighting



## N version

| MOD                       | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |    |
|---------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|------------|----|
|                           |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N° giri/1' | kg |
| RG 1450rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |            |    |
| RG 30.25 N                | 27368 | 30                                                                                         | 7.92                                                                                       | 250                                                                                 | 3625                                                                                             | 19 | 14 | 1450       | 16 |

**NEW**



**testa in  
ottone**  
brass  
head



**bielle in  
alluminio**  
aluminium  
connecting-rods

# 402 Series

POMPA ALBERO MASCHIO  
Solid shaft pump



**lavaggio industriale**  
industrial cleaning



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



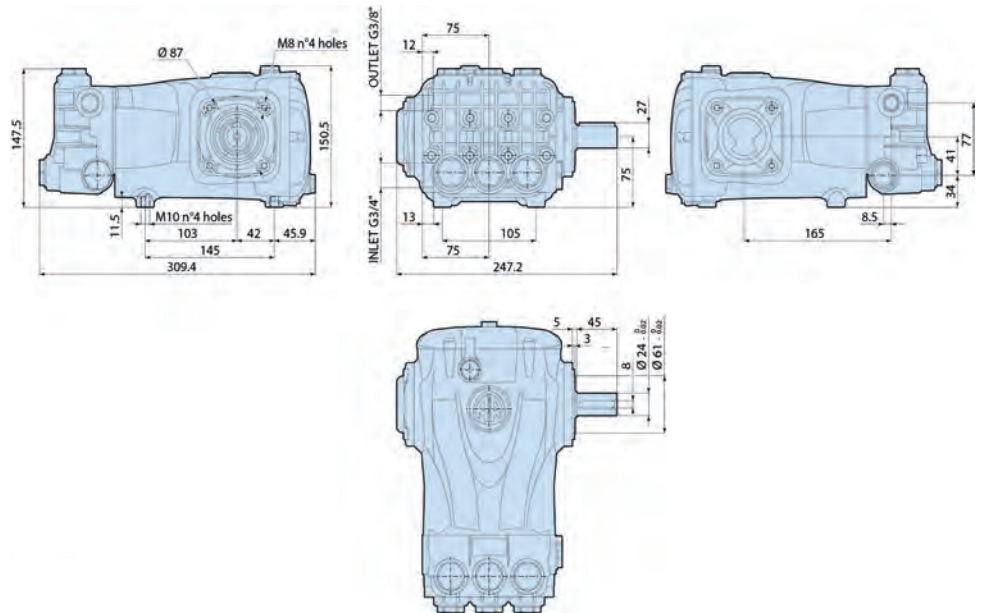
**misting**



**pulizia tubazioni**  
sewer jetting



**cantieri ed edilizia**  
construction industry



## N version

| MOD                                                                                             | COD   | <br>MAX | <br>MAX |  | <br>NET |    |      |            |      |
|-------------------------------------------------------------------------------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----|------|------------|------|
|                                                                                                 |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                        | hp | kW   | N° giri/1' | kg   |
| RGL 1450rpm Nversion Ø24mm                                                                      |       |                                                                                            |                                                                                            |                                                                                     |                                                                                            |    |      |            |      |
| RGL 36.15 N                                                                                     | 28052 | 36                                                                                         | 9.51                                                                                       | 150                                                                                 | 2200                                                                                       | 15 | 11   | 1450       | 16   |
| RGL 41.15 N                                                                                     | 27945 | 41                                                                                         | 10.8                                                                                       | 150                                                                                 | 2200                                                                                       | 16 | 11,8 | 1450       | 16   |
| RGL 41.17 N                                                                                     | 27951 | 41                                                                                         | 10.8                                                                                       | 170                                                                                 | 2465                                                                                       | 20 | 15   | 1450       | 16   |
| RGL 41.20 N  | 27370 | 41                                                                                         | 10.8                                                                                       | 200                                                                                 | 2900                                                                                       | 20 | 15   | 1450       | 16,5 |
| RGL 42.10 N                                                                                     | 27604 | 42                                                                                         | 11.09                                                                                      | 100                                                                                 | 1450                                                                                       | 11 | 8,2  | 1450       | 16   |
| RGL 42.15 N                                                                                     | 28053 | 42                                                                                         | 11.09                                                                                      | 150                                                                                 | 2200                                                                                       | 16 | 11,8 | 1450       | 16   |
| RGL 50.15 N                                                                                     | 27369 | 50                                                                                         | 13.2                                                                                       | 150                                                                                 | 2175                                                                                       | 20 | 15   | 1450       | 16   |
| RGL 50.17 N                                                                                     | 27938 | 50                                                                                         | 13.2                                                                                       | 170                                                                                 | 2465                                                                                       | 20 | 15   | 1450       | 16   |

**NEW**



**testa in ottone**  
brass head



**bielle in bronzo**  
bronze connecting-rods



**bielle in alluminio**  
aluminium connecting-rods





# 402 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio industriale**  
industrial cleaning



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



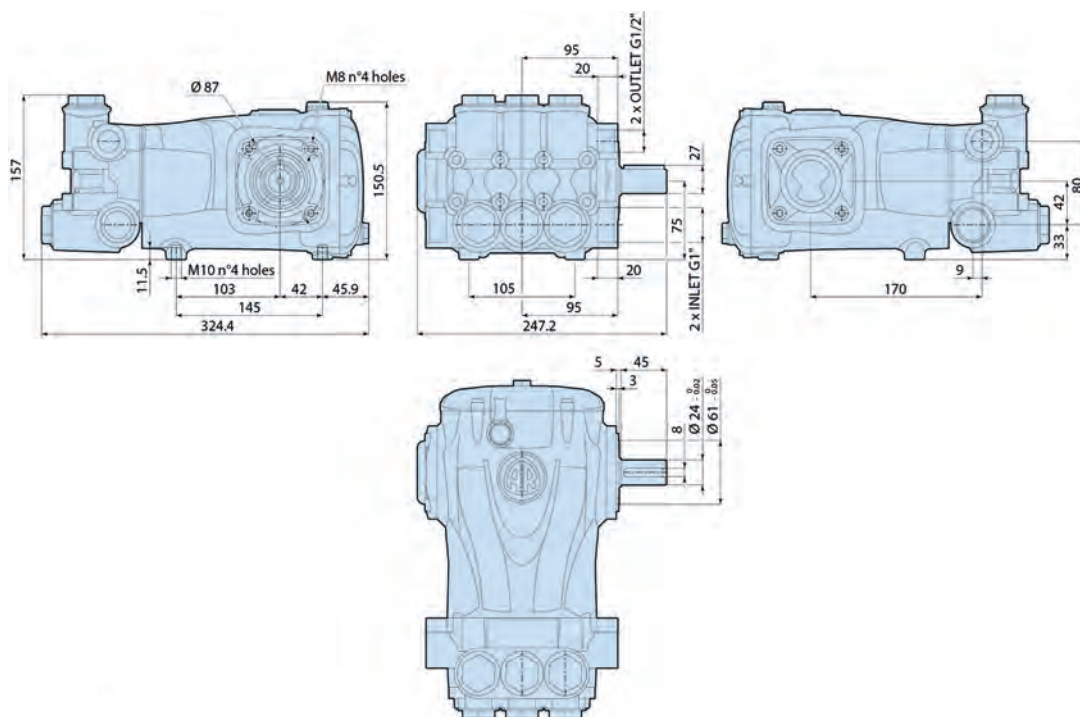
**misting**



**pulizia tubazioni**  
sewer jetting



**cantieri ed edilizia**  
construction industry



## N version

| MOD                        | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |      |
|----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|------------|------|
|                            |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N° giri/1' | kg   |
| RGP 1450rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |            |      |
| RGP 50.15 N                | 28054 | 50                                                                                         | 13.2                                                                                       | 150                                                                                 | 2200                                                                                             | 20 | 15 | 1450       | 17,6 |
| RGP 60.13 N                | 28055 | 60                                                                                         | 15.9                                                                                       | 130                                                                                 | 1900                                                                                             | 20 | 15 | 1450       | 17,6 |
| RGP 70.15 N                | 27371 | 70                                                                                         | 18.5                                                                                       | 150                                                                                 | 2200                                                                                             | 27 | 20 | 1450       | 17,6 |

A richiesta testa nichelata · Nickel plated head available.

**NEW**



**testa in ottone**  
brass head



**bielle in alluminio**  
aluminium connecting rods

# 402 Series

POMPA ALBERO MASCHIO  
Solid shaft pump



**lavaggio industriale**  
industrial cleaning



**idropulitrici**  
pressure washers



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



**misting**



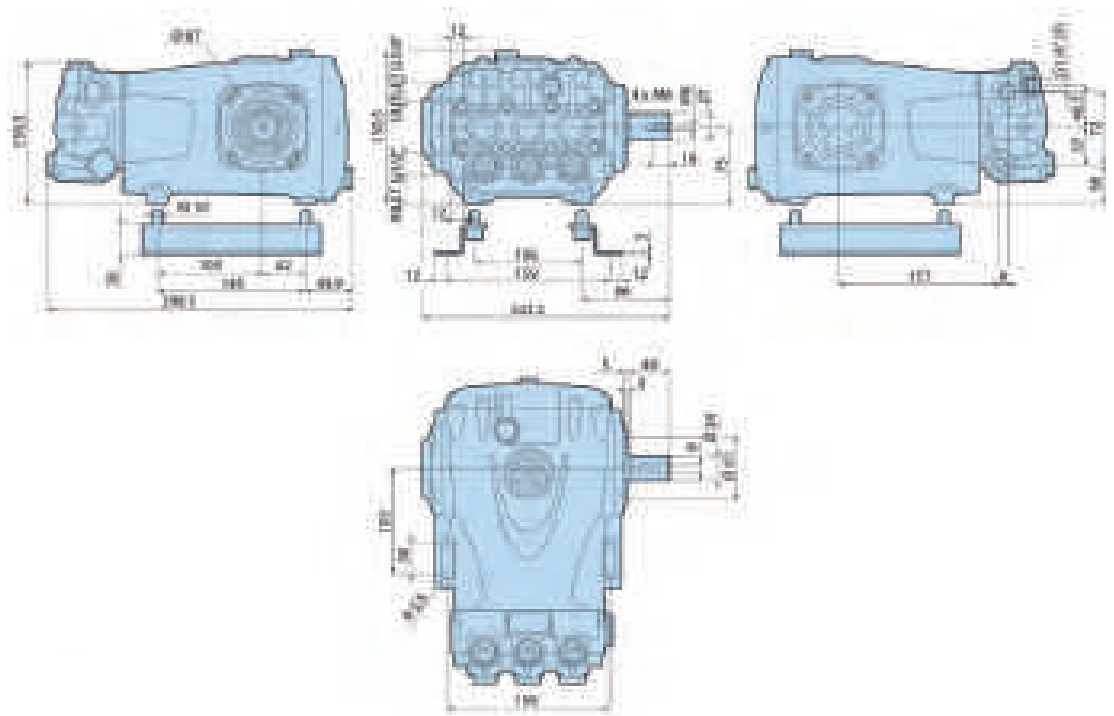
**pulizia tubazioni**  
sewer jetting



**cantieri ed edilizia**  
construction industry



**antincendio**  
fire fighting



## N version

| MOD                         | COD   | <br>MAX | <br>MAX |  |  |    |    |            |    |
|-----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|----|------------|----|
|                             |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                 | hp | kW | N° giri/1' | kg |
| SRG 1450 rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                     |    |    |            |    |
| SRG 15.35 N                 | 27696 | 15                                                                                         | 3.96                                                                                       | 350                                                                                 | 5100                                                                                | 15 | 11 | 1450       | 16 |
| SRG 21.35 N                 | 27697 | 21                                                                                         | 5,54                                                                                       | 350                                                                                 | 5100                                                                                | 20 | 15 | 1450       | 16 |
| SRG 30.35 N                 | 28032 | 30                                                                                         | 7,92                                                                                       | 350                                                                                 | 5100                                                                                | 30 | 22 | 1450       | 16 |

**NEW**



**testa in ottone**  
brass head



**bielle in alluminio**  
aluminium connecting-rods



RGX  
RGXA

## 402 SERIES

Derivata dalla RG ma con testa di nuovo disegno per poter raggiungere pressioni più elevate grazie al posizionamento delle valvole di aspirazione sopra ai pistoni. Pompa a facile manutenzione grazie all'architettura della nuova testa.

*Pump derived from the existing RG series pumps with a new-design head with the suction valves placed above the plungers to generate higher-than-normal pressures. The new head configuration simplifies pump maintenance.*



# 402 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio  
industriale**  
industrial  
cleaning



**idropulitrici  
pressure  
washers**



**processi  
industriali**  
industrial  
processes



**agricoltura**  
agriculture



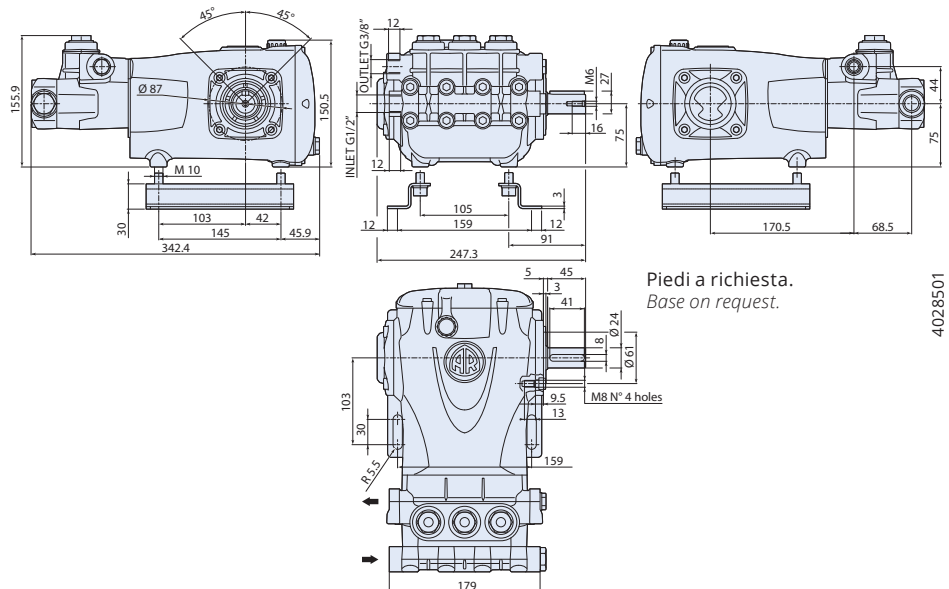
**municipality**



**cantieri ed  
edilizia**  
construction  
industry



**antincendio**  
fire fighting



Piedi a richiesta.  
Base on request.

4028501

## N version

| MOD                         | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |    |
|-----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|------------|----|
|                             |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N° giri/1' | kg |
| RGX 1450rpm Nversion Ø24mm  |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |            |    |
| RGX 15.50 N                 | 25514 | 15                                                                                         | 3,96                                                                                       | 500                                                                                 | 7250                                                                                             | 20 | 15 | 1450       | 16 |
| RGX 22.50 N                 | 25638 | 22                                                                                         | 5,8                                                                                        | 500                                                                                 | 7250                                                                                             | 27 | 20 | 1450       | 16 |
| RGXA 1750rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |            |    |
| RGXA 4G 70 N                | 25639 | 15,1                                                                                       | 4                                                                                          | 500                                                                                 | 7250                                                                                             | 20 | 15 | 1750       | 16 |



**testa in  
ottone**  
brass  
head



**bielle in  
alluminio**  
aluminium  
connecting-rods



# 298 SERIES

RW  
RWA  
HRW



Corpo e coperchi in alluminio pressofuso.  
Coperchio laterale con livello olio.  
Coperchio posteriore con scarico olio.

Cuscinetti a rulli conici.

Bielle in lega zinco-alluminio pressofuso.  
Testa in ottone stampato. Possibilità di testa in ottone nichelata.  
Pistoni in ceramica.

*Crankcase and cover in pressure die-cast aluminium alloy.*

*Side cover incorporated with oil sight glass. Back cover incorporated with oil drain outlet.*

*Tapered roller bearings.*

*Connecting rods in die-cast zinc-aluminium alloy.*

*Pump head in forged brass. Nickel-plated brass head available.*

*Ceramic plungers.*

# 298 Series

## POMPA ALBERO MASCHIO

Solid shaft pump



**lavaggio industriale**  
industrial cleaning



**idropulitrici**  
pressure washers



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



**misting**



**pulizia tubazioni**  
sewer jetting



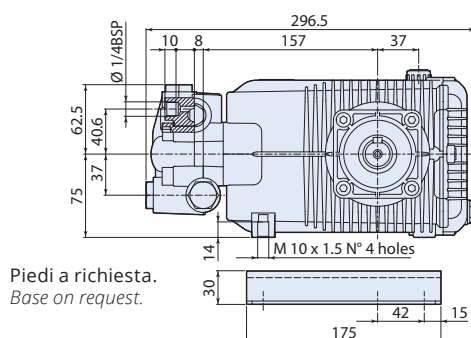
**cantieri ed edilizia**  
construction industry



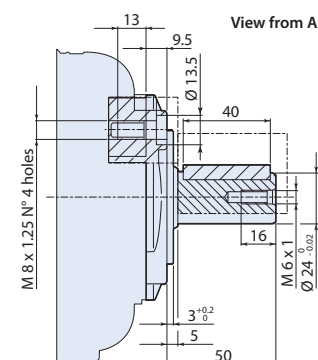
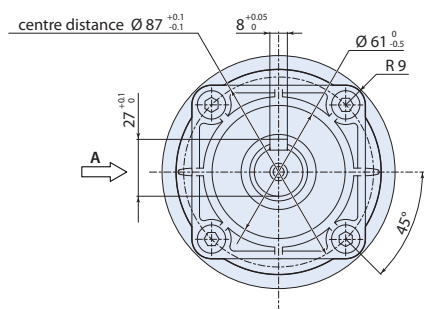
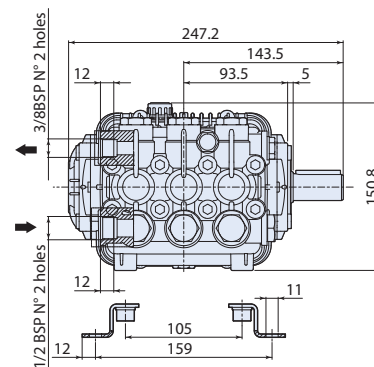
**antincendio**  
fire fighting



● Model H



Piedi a richiesta.  
Base on request.



2988501

## N version

| MOD                        | COD   | <br>MAX |      | <br>MAX |      |  |     | <br>KG<br>NET |      |
|----------------------------|-------|--------------------------------------------------------------------------------------------|------|--------------------------------------------------------------------------------------------|------|-------------------------------------------------------------------------------------|-----|--------------------------------------------------------------------------------------------------|------|
|                            |       | l/min                                                                                      | gpm  | bar                                                                                        | psi  | hp                                                                                  | kW  | N° giri/1'                                                                                       | kg   |
| RW 1450rpm Nversion Ø24mm  |       |                                                                                            |      |                                                                                            |      |                                                                                     |     |                                                                                                  |      |
| RW 15.15 N                 | 22584 | 15                                                                                         | 3,96 | 150                                                                                        | 2200 | 5,5                                                                                 | 4   | 1450                                                                                             | 14   |
| ● RW 15.20 H N             | 22585 | 15                                                                                         | 3,96 | 200                                                                                        | 2900 | 7,5                                                                                 | 5,5 | 1450                                                                                             | 14,5 |
| RW 18.17 N                 | 22586 | 18                                                                                         | 4,75 | 170                                                                                        | 2500 | 7,5                                                                                 | 5,5 | 1450                                                                                             | 14   |
| ● RW 18.20 H N             | 22587 | 18                                                                                         | 4,75 | 200                                                                                        | 2900 | 10                                                                                  | 7,5 | 1450                                                                                             | 14,5 |
| ● RW 21.15 H N             | 22588 | 21                                                                                         | 5,55 | 150                                                                                        | 2200 | 7,5                                                                                 | 5,5 | 1450                                                                                             | 14   |
| ● RW 21.20 H N             | 22589 | 21                                                                                         | 5,55 | 200                                                                                        | 2900 | 10                                                                                  | 7,5 | 1450                                                                                             | 14,5 |
| RWA 1750rpm Nversion Ø24mm |       |                                                                                            |      |                                                                                            |      |                                                                                     |     |                                                                                                  |      |
| RWA 4G 22 N                | 22990 | 15,1                                                                                       | 4    | 150                                                                                        | 2200 | 5,5                                                                                 | 4   | 1750                                                                                             | 14   |
| ● RWA 4G 30 H N            | 22991 | 15,1                                                                                       | 4    | 205                                                                                        | 3000 | 7,5                                                                                 | 5,5 | 1750                                                                                             | 14,5 |
| ● RWA 5.5G 22 H N          | 22992 | 20,8                                                                                       | 5,5  | 150                                                                                        | 2200 | 7,5                                                                                 | 5,5 | 1750                                                                                             | 14,5 |
| ● RWA 5.5G 30 H N          | 22993 | 20,8                                                                                       | 5,5  | 205                                                                                        | 3000 | 10                                                                                  | 7,5 | 1750                                                                                             | 14,5 |



● **testa nichelata**  
nickel plated brass head



**testa in ottone**  
brass head

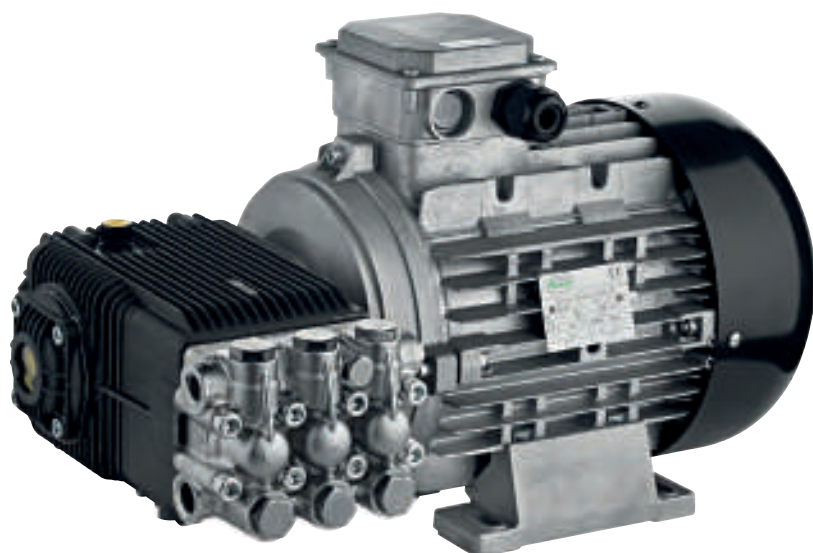


**bielle in alluminio**  
aluminium connecting-rods



# 298 Series

## ELECTRIC MOTOR-PUMP UNITS



**lavaggio industriale**  
industrial cleaning



**idropultrici**  
pressure washers



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



**misting**



**pulizia tubazioni**  
sewer jetting

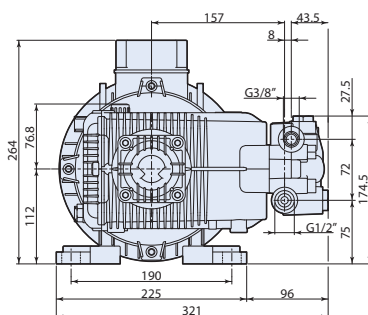
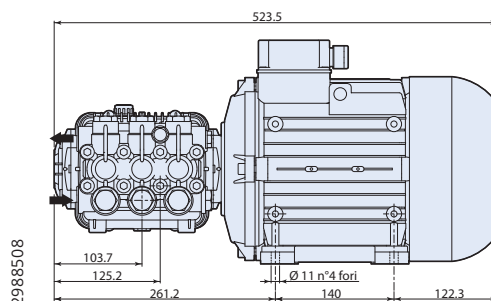


**cantieri ed edilizia**  
construction industry

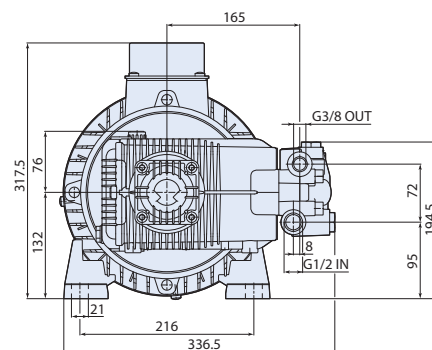
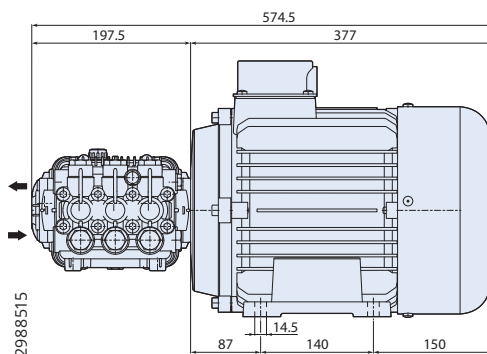


**antincendio**  
fire fighting

GR. 112 motor hollow shaft



GR. 132 S motor hollow shaft



| MOD              | COD   | <br>MAX | <br>MAX |  |      |     |     |               |          | <br>KG<br>NET |    |
|------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|-----|-----|---------------|----------|----------------------------------------------------------------------------------------------------|----|
|                  | 3 ~   | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi  | hp  | kW  | N°<br>giri/1' | V 3-50Hz | Gr.                                                                                                | kg |
| HRW 1450rpm      |       |                                                                                            |                                                                                            |                                                                                     |      |     |     |               |          |                                                                                                    |    |
| HRW 15.15 ET     | 23974 | 15                                                                                         | 3,96                                                                                       | 150                                                                                 | 2200 | 5,5 | 4   | 1450          | 230/400  | 112                                                                                                | 30 |
| ● HRW 15.20 H ET | 23975 | 15                                                                                         | 3,96                                                                                       | 200                                                                                 | 2900 | 7,5 | 5,5 | 1450          | 230/400  | 112                                                                                                | 40 |
| ● HRW 21.15 H ET | 23976 | 21                                                                                         | 5,50                                                                                       | 150                                                                                 | 2200 | 7,5 | 5,5 | 1450          | 230/400  | 112                                                                                                | 40 |
| ● HRW 21.20 H ET | 23977 | 21                                                                                         | 5,50                                                                                       | 200                                                                                 | 2900 | 10  | 7,5 | 1450          | 230/400  | 132 S                                                                                              | 50 |



● **testa nichelata**  
nickel plated brass head



**testa in ottone**  
brass head



**bielle in alluminio**  
aluminium connecting-rods



**3~50Hz**  
frequenza motore  
motor frequency



**194  
SERIES**



# 194 SERIES

XWF  
XW  
XWL  
XWT  
XWA  
XWLA  
XWP  
SXW

SXWA  
SHP  
SHPA  
STP-I  
STPA-I  
CWX  
WHW  
WHWL

HXW  
HXWL  
HXWA  
HSXW  
HSHP  
HYD-XW  
HYD-XWL  
XW+F38

XW+F60  
XWL+F60  
XWP+F60  
SXW+F60  
XW+F62  
XWL+F62  
XWP+F62  
SHP+F62



Corpo e coperchi in alluminio pressofuso.  
Coperchio laterale con livello olio.  
Coperchio posteriore con scarico olio.

Bielle in lega zinco-alluminio pressofuso o in bronzo.

Testa in ottone stampato. Possibilità di testa in ottone nichelato.  
Testa in AISI 420 per le versioni STP-I, STPA-I.

Pistoni in ceramica.

*Crankcase and cover in pressure die-cast aluminium alloy.*

*Side cover incorporated with oil sight glass. Back cover incorporated with oil drain outlet.*

*Connecting rods in die-cast zinc-aluminium alloy. Bronze connecting rods available.*

*Pump head in forged brass. Pump head in nickel-plated brass available.  
Pump head in AISI 420 for STP-I and STPA-I models.*

*Ceramic plungers.*

# 194 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio  
industriale**  
industrial  
cleaning



**processi  
industriali**  
industrial  
processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



**misting**



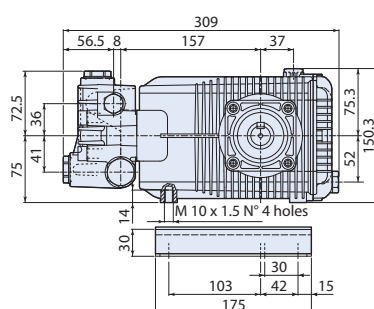
**pulizia  
tubazioni**  
sewer  
jetting



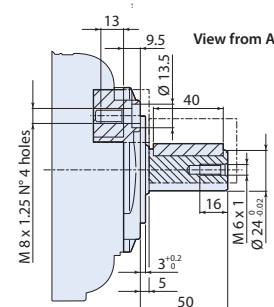
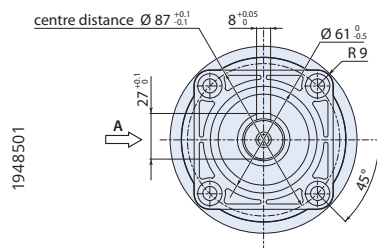
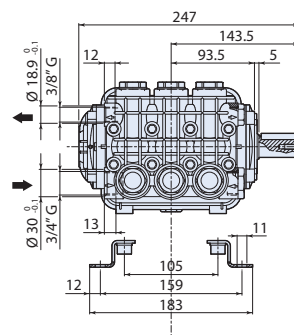
**cantieri ed  
edilizia**  
construction  
industry



**antincendio**  
fire fighting



Piedi a richiesta.  
Base on request.



## N version

| MOD                        | COD                                                                                       | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |            |    |
|----------------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|------------|----|
|                            |                                                                                           | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N° giri/1' | kg |
| XWF 1000rpm Nversion Ø24mm |                                                                                           |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |    |
| XWF 26.06 N                | 21049                                                                                     | 26                                                                                         | 6,87                                                                                       | 60                                                                                  | 900                                                                                              | 4   | 3   | 1000       | 16 |
| XWF 26.09 N                | 21050                                                                                     | 26                                                                                         | 6,87                                                                                       | 90                                                                                  | 1300                                                                                             | 5,5 | 4   | 1000       | 16 |
| XWF 26.12 N                | 21051                                                                                     | 26                                                                                         | 6,87                                                                                       | 120                                                                                 | 1740                                                                                             | 7,5 | 5,5 | 1000       | 16 |
| XWF 26.15 N                | 21052                                                                                     | 26                                                                                         | 6,87                                                                                       | 150                                                                                 | 2200                                                                                             | 10  | 7,5 | 1000       | 16 |
| XWF 26.20 N                | 21053                                                                                     | 26                                                                                         | 6,87                                                                                       | 200                                                                                 | 2900                                                                                             | 13  | 9,6 | 1000       | 16 |
| XWF 30.10 N                | 21054                                                                                     | 30                                                                                         | 7,92                                                                                       | 100                                                                                 | 1450                                                                                             | 7,5 | 5,5 | 1000       | 16 |
| XWF 30.18 N                | 21055                                                                                     | 30                                                                                         | 7,92                                                                                       | 180                                                                                 | 2600                                                                                             | 15  | 11  | 1000       | 16 |
| XWF 30.20 N                |  22921 | 30                                                                                         | 7,92                                                                                       | 200                                                                                 | 2900                                                                                             | 15  | 11  | 1000       | 16 |
| XWF 36.17 N                | 21056                                                                                     | 36                                                                                         | 9,51                                                                                       | 170                                                                                 | 2500                                                                                             | 15  | 11  | 1000       | 16 |



**testa in  
ottone**  
brass  
head



**bielle in  
bronzo**  
bronze  
connecting-rods



**bielle in  
alluminio**  
aluminum  
connecting-rods



# 194 Series

## POMPA ALBERO MASCHIO

Solid shaft pump



**lavaggio industriale**  
industrial cleaning



**idropultrici**  
pressure washers



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



**misting**



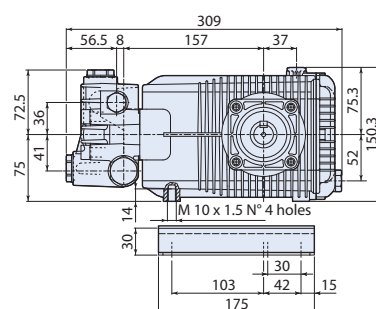
**pulizia tubazioni**  
sewer jetting



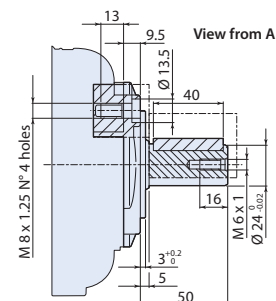
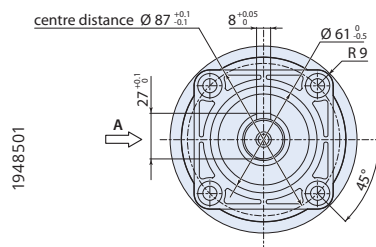
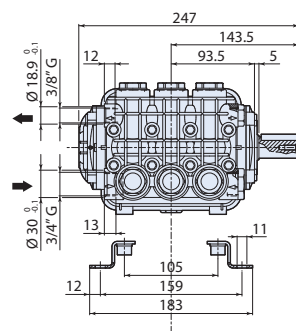
**cantieri ed edilizia**  
construction industry



**antincendio**  
fire fighting



Piedi a richiesta.  
Base on request.



## N version

| MOD                              | COD          |  |  |  |  |  |  |  |  |
|----------------------------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                  |              | l/min                                                                               | gpm                                                                                 | bar                                                                                 | psi                                                                                 | hp                                                                                  | kW                                                                                  | N° giri/1'                                                                          | kg                                                                                  |
| <b>XW 1450rpm Nversion Ø24mm</b> |              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| XW 15.15 N                       | <b>20352</b> | 15                                                                                  | 3,96                                                                                | 150                                                                                 | 2200                                                                                | 5,5                                                                                 | 4                                                                                   | 1450                                                                                | 16                                                                                  |
| XW 15.20 N                       | <b>20353</b> | 15                                                                                  | 3,96                                                                                | 200                                                                                 | 2900                                                                                | 7,5                                                                                 | 5,5                                                                                 | 1450                                                                                | 16                                                                                  |
| XW 15.30 N                       | <b>20592</b> | 15                                                                                  | 3,96                                                                                | 300                                                                                 | 4351                                                                                | 12                                                                                  | 8,7                                                                                 | 1450                                                                                | 16                                                                                  |
| XW 21.20 N                       | <b>20174</b> | 21                                                                                  | 5,55                                                                                | 200                                                                                 | 2900                                                                                | 10                                                                                  | 7,5                                                                                 | 1450                                                                                | 16                                                                                  |
| XW 21.25 N                       | <b>20058</b> | 21                                                                                  | 5,55                                                                                | 250                                                                                 | 3625                                                                                | 12,5                                                                                | 9,2                                                                                 | 1450                                                                                | 16                                                                                  |
| XW 21.28 N                       | <b>21136</b> | 21                                                                                  | 5,55                                                                                | 280                                                                                 | 4060                                                                                | 15                                                                                  | 11                                                                                  | 1450                                                                                | 16                                                                                  |
| XW 26.12 N                       | <b>20175</b> | 26                                                                                  | 6,87                                                                                | 120                                                                                 | 1740                                                                                | 7,5                                                                                 | 5,5                                                                                 | 1450                                                                                | 16                                                                                  |
| XW 26.15 N                       | <b>20176</b> | 26                                                                                  | 6,87                                                                                | 150                                                                                 | 2200                                                                                | 10                                                                                  | 7,5                                                                                 | 1450                                                                                | 16                                                                                  |
| XW 26.20 N                       | <b>20059</b> | 26                                                                                  | 6,87                                                                                | 200                                                                                 | 2900                                                                                | 12,5                                                                                | 9,2                                                                                 | 1450                                                                                | 16                                                                                  |
| XW 26.23 N                       | <b>20177</b> | 26                                                                                  | 6,87                                                                                | 230                                                                                 | 3400                                                                                | 15                                                                                  | 11                                                                                  | 1450                                                                                | 16                                                                                  |
| XW 30.10 N                       | <b>20178</b> | 30                                                                                  | 7,92                                                                                | 100                                                                                 | 1450                                                                                | 7,5                                                                                 | 5,5                                                                                 | 1450                                                                                | 16                                                                                  |
| XW 30.15 N                       | <b>20179</b> | 30                                                                                  | 7,92                                                                                | 150                                                                                 | 2200                                                                                | 10                                                                                  | 7,5                                                                                 | 1450                                                                                | 16                                                                                  |
| XW 30.20 N                       | <b>20060</b> | 30                                                                                  | 7,92                                                                                | 200                                                                                 | 2900                                                                                | 15                                                                                  | 10                                                                                  | 1450                                                                                | 16                                                                                  |
| XW 30.25 N                       | <b>21137</b> | 30                                                                                  | 7,92                                                                                | 250                                                                                 | 3625                                                                                | 19                                                                                  | 14                                                                                  | 1450                                                                                | 16                                                                                  |



**testa in ottone**  
brass head



**bielle in alluminio**  
aluminium connecting-rods

A richiesta testa nichelata · Nickel plated head available.

## 194 Series



## POMPA ALBERO MASCHIO



**lavaggio  
industriale**  
*industrial  
cleaning*



**idropultrici**  
pressure  
washers



**processi  
industriali**  
*industrial  
processes*



autolavaggi  
car wash



**produzione**  
*manufacturing*



agricultur  
agriculture



municipality



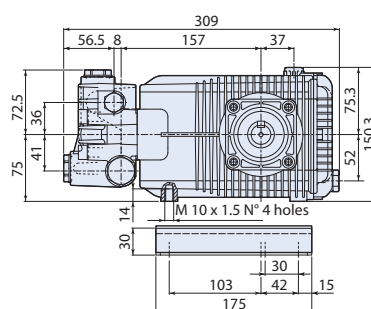
misting



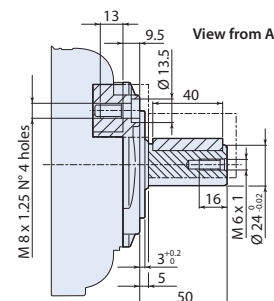
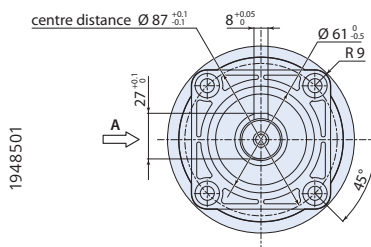
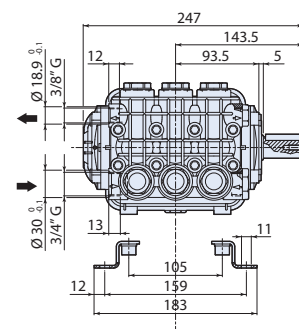
**pulizia  
tubazioni**  
*sewer  
jetting*

cantieri ed edilizia  
construction industry

**antincendio**  
*fire fighting*



Piedi a richiesta.  
*Base on request.*



## N version

| MOD                       | COD   |  |  |  |  |      |     |            |    |
|---------------------------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|-----|------------|----|
|                           |       | l/min                                                                               | gpm                                                                                 | bar                                                                                 | psi                                                                                 | hp   | kW  | N° giri/1' | kg |
| XW 1450rpm Nversion Ø24mm |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |     |            |    |
| XW 15.15 N                | 28367 | 15                                                                                  | 3,96                                                                                | 150                                                                                 | 2200                                                                                | 5,5  | 4   | 1450       | 16 |
| XW 15.20 N                | 28368 | 15                                                                                  | 3,96                                                                                | 200                                                                                 | 2900                                                                                | 7,5  | 5,5 | 1450       | 16 |
| XW 15.30 N                | 28369 | 15                                                                                  | 3,96                                                                                | 300                                                                                 | 4351                                                                                | 12   | 8,7 | 1450       | 16 |
| XW 21.20 N                | 28370 | 21                                                                                  | 5,55                                                                                | 200                                                                                 | 2900                                                                                | 10   | 7,5 | 1450       | 16 |
| XW 21.25 N                | 28371 | 21                                                                                  | 5,55                                                                                | 250                                                                                 | 3625                                                                                | 12,5 | 9,2 | 1450       | 16 |
| XW 21.28 N                | 28372 | 21                                                                                  | 5,55                                                                                | 280                                                                                 | 4060                                                                                | 15   | 11  | 1450       | 16 |
| XW 26.12 N                | 28373 | 26                                                                                  | 6,87                                                                                | 120                                                                                 | 1740                                                                                | 7,5  | 5,5 | 1450       | 16 |
| XW 26.15 N                | 28374 | 26                                                                                  | 6,87                                                                                | 150                                                                                 | 2200                                                                                | 10   | 7,5 | 1450       | 16 |
| XW 26.20 N                | 28375 | 26                                                                                  | 6,87                                                                                | 200                                                                                 | 2900                                                                                | 12,5 | 9,2 | 1450       | 16 |
| XW 26.23 N                | 28376 | 26                                                                                  | 6,87                                                                                | 230                                                                                 | 3400                                                                                | 15   | 11  | 1450       | 16 |
| XW 30.10 N                | 28377 | 30                                                                                  | 7,92                                                                                | 100                                                                                 | 1450                                                                                | 7,5  | 5,5 | 1450       | 16 |
| XW 30.15 N                | 28378 | 30                                                                                  | 7,92                                                                                | 150                                                                                 | 2200                                                                                | 10   | 7,5 | 1450       | 16 |
| XW 30.20 N                | 28379 | 30                                                                                  | 7,92                                                                                | 200                                                                                 | 2900                                                                                | 15   | 10  | 1450       | 16 |

A richiesta testa nichelata • *Nickel plated head available.*



**testa in  
ottone**  
*brass  
head*



**bielle in alluminio**  
aluminium  
connecting-rods



**certificata**  
*certificated*





**for**  
**XWL**

**for**  
**XWT**



**lavaggio  
industriale**  
*industrial  
cleaning*



**processi  
industriali**  
*industrial  
processes*



**autolavaggio**  
*car wash*



**produzione**  
*manufacturing*



**agricoltura**  
*agriculture*



municipality



misting



**pulizia  
tubazioni**  
*sewer  
jetting*

cantieri ed  
edilizia  
construction  
industry

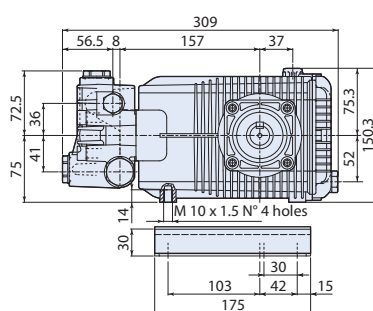
**agricoltura**  
*agriculture*



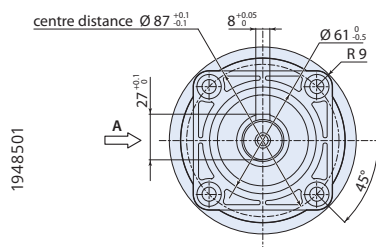
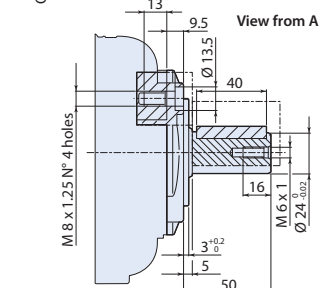
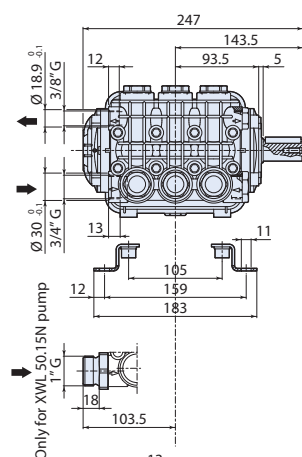
municipality



- Model H



Piedi a richiesta.  
*Base on request.*



## N version

| MOD                        | COD   |  |  |  |  |     |      |            |    |
|----------------------------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|------|------------|----|
|                            |       | l/min                                                                               | gpm                                                                                 | bar                                                                                 | psi                                                                                 | hp  | kW   | N° giri/1' | kg |
| XWL 1450rpm Nversion Ø24mm |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |     |      |            |    |
| XWL 36.15 N                | 22175 | 36                                                                                  | 9,51                                                                                | 150                                                                                 | 2200                                                                                | 15  | 11   | 1450       | 16 |
| XWL 41.20 N                | 22462 | 41                                                                                  | 10,83                                                                               | 200                                                                                 | 2900                                                                                | 20  | 15   | 1450       | 16 |
| XWL 42.05 N                | 21057 | 42                                                                                  | 11,09                                                                               | 50                                                                                  | 725                                                                                 | 5,5 | 4    | 1450       | 16 |
| XWL 42.07 N                | 21058 | 42                                                                                  | 11,09                                                                               | 70                                                                                  | 1000                                                                                | 8   | 5,9  | 1450       | 16 |
| XWL 42.10 N                | 21059 | 42                                                                                  | 11,09                                                                               | 100                                                                                 | 1450                                                                                | 11  | 8,2  | 1450       | 16 |
| XWL 42.15 N                | 21060 | 42                                                                                  | 11,09                                                                               | 150                                                                                 | 2200                                                                                | 16  | 11,8 | 1450       | 16 |
| XWL 50.15 N*               | 23709 | 50                                                                                  | 13,2                                                                                | 150                                                                                 | 2200                                                                                | 20  | 15   | 1450       | 16 |
| ●XWL 50.15 H N*            | 23816 | 50                                                                                  | 13,2                                                                                | 150                                                                                 | 2200                                                                                | 20  | 15   | 1450       | 16 |
| XWT 550rpm Nversion Ø24mm  |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |     |      |            |    |
| XWT 21.18 N                | 21048 | 21                                                                                  | 5,55                                                                                | 180                                                                                 | 2600                                                                                | 10  | 7,5  | 550        | 16 |
| XWT 21.20 N                | 22994 | 21                                                                                  | 5,55                                                                                | 200                                                                                 | 2900                                                                                | 15  | 11   | 550        | 16 |

\* Minimo +0,1 bar (+1,5 psi) di pressione in entrata. • Min. +0,1 bar (+1,5 psi) inlet pressure.



- **testa  
nichelata**  
*nickel plated  
brass head*



**O bielle in  
bronz**  
*bronze  
connecting-rods*



**testa in  
ottone**  
*brass  
head*



**bielle in  
alluminio**  
*aluminium  
connecting-rods*

# 194 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio industriale**  
industrial cleaning



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



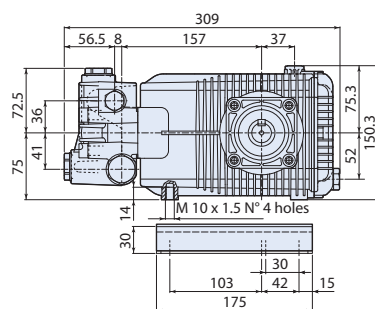
**misting**



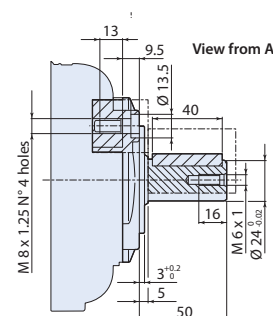
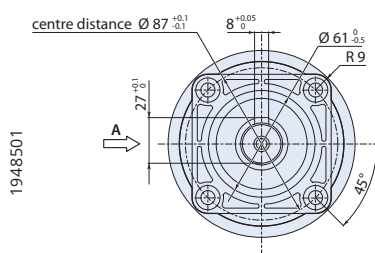
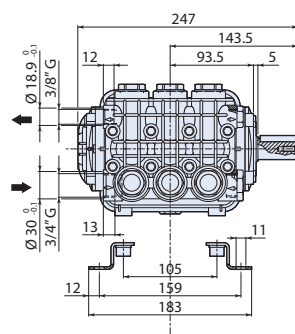
**pulizia tubazioni**  
sewer jetting



**cantieri ed edilizia**  
construction industry



Piedi a richiesta.  
Base on request.



## N version

| MOD                                | COD          |  |  |  |  |     |      |            |    |
|------------------------------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|------|------------|----|
|                                    |              | l/min                                                                               | gpm                                                                                 | bar                                                                                 | psi                                                                                 | hp  | kW   | N° giri/1' | kg |
| <b>XWA 1750rpm Nversion Ø24mm</b>  |              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |     |      |            |    |
| XWA 4 G20 N                        | <b>20781</b> | 15,1                                                                                | 4                                                                                   | 140                                                                                 | 2000                                                                                | 5,5 | 4    | 1750       | 16 |
| XWA 4 G30 N                        | <b>20354</b> | 15,1                                                                                | 4                                                                                   | 205                                                                                 | 3000                                                                                | 7,5 | 5,5  | 1750       | 16 |
| XWA 5.5 G22 N                      | <b>20180</b> | 20,8                                                                                | 5,5                                                                                 | 150                                                                                 | 2200                                                                                | 7,5 | 5,5  | 1750       | 16 |
| XWA 5.5 G30 N                      | <b>20061</b> | 20,8                                                                                | 5,5                                                                                 | 205                                                                                 | 3000                                                                                | 10  | 7,5  | 1750       | 16 |
| XWA 5.5 G40 N                      | <b>21138</b> | 20,8                                                                                | 5,5                                                                                 | 275                                                                                 | 4000                                                                                | 14  | 10,5 | 1750       | 16 |
| XWA 7 G22 N                        | <b>20181</b> | 26,5                                                                                | 7                                                                                   | 150                                                                                 | 2200                                                                                | 10  | 7,5  | 1750       | 16 |
| XWA 7 G32 N                        | <b>20062</b> | 26,5                                                                                | 7                                                                                   | 220                                                                                 | 3200                                                                                | 14  | 10,5 | 1750       | 16 |
| XWA 7 G35 N                        | <b>21139</b> | 26,5                                                                                | 7                                                                                   | 240                                                                                 | 3500                                                                                | 15  | 11   | 1750       | 16 |
| XWA 7 G40 N                        | <b>21140</b> | 26,5                                                                                | 7                                                                                   | 275                                                                                 | 4000                                                                                | 17  | 12,5 | 1750       | 16 |
| XWA 8 G19 N                        | <b>20182</b> | 30,2                                                                                | 8                                                                                   | 130                                                                                 | 1900                                                                                | 10  | 7,5  | 1750       | 16 |
| XWA 8 G29 N                        | <b>20063</b> | 30,2                                                                                | 8                                                                                   | 200                                                                                 | 2900                                                                                | 15  | 11   | 1750       | 16 |
| XWA 8 G35 N                        | <b>21141</b> | 30,2                                                                                | 8                                                                                   | 240                                                                                 | 3500                                                                                | 18  | 13,4 | 1750       | 16 |
| XWA 9 G16 N                        | <b>20183</b> | 34                                                                                  | 9                                                                                   | 110                                                                                 | 1600                                                                                | 10  | 7,5  | 1750       | 16 |
| XWA 9 G24 N                        | <b>20064</b> | 34                                                                                  | 9                                                                                   | 165                                                                                 | 2400                                                                                | 15  | 11   | 1750       | 16 |
| XWA 9 G30 N                        | <b>21645</b> | 34                                                                                  | 9                                                                                   | 205                                                                                 | 3000                                                                                | 18  | 13,4 | 1750       | 16 |
| <b>XWLA 1750rpm Nversion Ø24mm</b> |              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |     |      |            |    |
| XWLA 13 G15 N*                     | <b>21198</b> | 49,2                                                                                | 13                                                                                  | 100                                                                                 | 1450                                                                                | 13  | 9,6  | 1750       | 16 |



**testa in ottone**  
brass head



**bielle in alluminio**  
aluminium connecting-rods

\* Minimo +0,1 bar (+1,5 psi) di pressione in entrata. • Min. +0,1 bar (+1,5 psi) inlet pressure.



# 194 Series



## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio industriale**  
industrial cleaning



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



**misting**

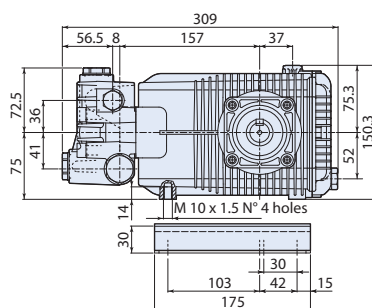


**pulizia tubazioni**  
sewer jetting

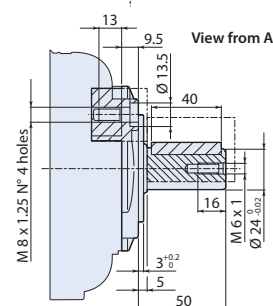
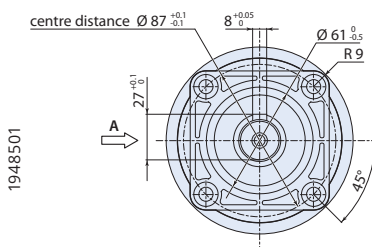
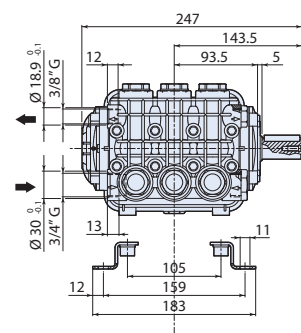


**cantieri ed edilizia**  
construction industry

# ATEX



Piedi a richiesta.  
Base on request.



## N version

| MOD                               | COD          |  |  |  |  |  |  |  |  |
|-----------------------------------|--------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                   |              | l/min                                                                               | gpm                                                                                 | bar                                                                                 | psi                                                                                 | hp                                                                                  | kW                                                                                  | N° giri/1'                                                                          | kg                                                                                  |
| <b>XWA 1750rpm Nversion Ø24mm</b> |              |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| XWA 4 G20 N                       | <b>28380</b> | 15,1                                                                                | 4                                                                                   | 140                                                                                 | 2000                                                                                | 5,5                                                                                 | 4                                                                                   | 1750                                                                                | 16                                                                                  |
| XWA 4 G30 N                       | <b>28381</b> | 15,1                                                                                | 4                                                                                   | 205                                                                                 | 3000                                                                                | 7,5                                                                                 | 5,5                                                                                 | 1750                                                                                | 16                                                                                  |
| XWA 5.5 G22 N                     | <b>28382</b> | 20,8                                                                                | 5,5                                                                                 | 150                                                                                 | 2200                                                                                | 7,5                                                                                 | 5,5                                                                                 | 1750                                                                                | 16                                                                                  |
| XWA 5.5 G30 N                     | <b>28383</b> | 20,8                                                                                | 5,5                                                                                 | 205                                                                                 | 3000                                                                                | 10                                                                                  | 7,5                                                                                 | 1750                                                                                | 16                                                                                  |
| XWA 5.5 G40 N                     | <b>28384</b> | 20,8                                                                                | 5,5                                                                                 | 275                                                                                 | 4000                                                                                | 14                                                                                  | 10,5                                                                                | 1750                                                                                | 16                                                                                  |
| XWA 7 G22 N                       | <b>28385</b> | 26,5                                                                                | 7                                                                                   | 150                                                                                 | 2200                                                                                | 10                                                                                  | 7,5                                                                                 | 1750                                                                                | 16                                                                                  |
| XWA 7 G32 N                       | <b>28386</b> | 26,5                                                                                | 7                                                                                   | 220                                                                                 | 3200                                                                                | 14                                                                                  | 10,5                                                                                | 1750                                                                                | 16                                                                                  |
| XWA 7 G35 N                       | <b>28387</b> | 26,5                                                                                | 7                                                                                   | 240                                                                                 | 3500                                                                                | 15                                                                                  | 11                                                                                  | 1750                                                                                | 16                                                                                  |
| XWA 8 G19 N                       | <b>28389</b> | 30,2                                                                                | 8                                                                                   | 130                                                                                 | 1900                                                                                | 10                                                                                  | 7,5                                                                                 | 1750                                                                                | 16                                                                                  |
| XWA 8 G29 N                       | <b>28390</b> | 30,2                                                                                | 8                                                                                   | 200                                                                                 | 2900                                                                                | 15                                                                                  | 11                                                                                  | 1750                                                                                | 16                                                                                  |
| XWA 9 G16 N                       | <b>28391</b> | 34                                                                                  | 9                                                                                   | 110                                                                                 | 1600                                                                                | 10                                                                                  | 7,5                                                                                 | 1750                                                                                | 16                                                                                  |
| XWA 9 G24 N                       | <b>28392</b> | 34                                                                                  | 9                                                                                   | 165                                                                                 | 2400                                                                                | 15                                                                                  | 11                                                                                  | 1750                                                                                | 16                                                                                  |



**testa in ottone**  
brass head



**bielle in alluminio**  
aluminium connecting-rods



**certificata**  
certificated

# 194 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio  
industriale**  
industrial  
cleaning



**processi  
industriali**  
industrial  
processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



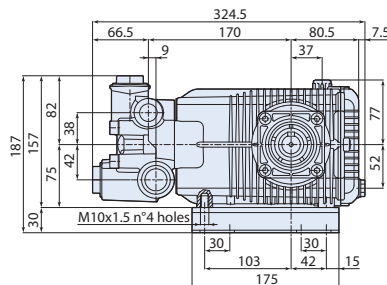
**misting**



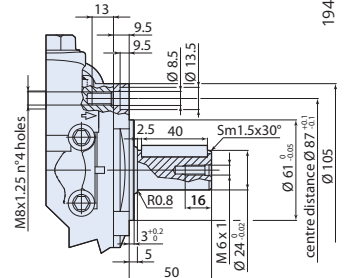
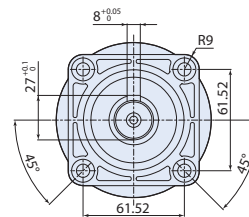
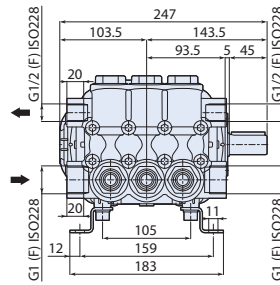
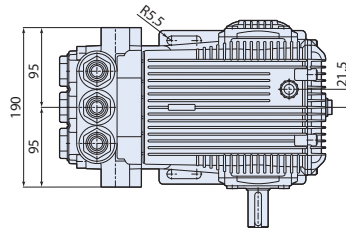
**pulizia  
tubazioni**  
sewer  
jetting



**cantieri ed  
edilizia**  
construction  
industry



Piedi a richiesta.  
Base on request.



1948558

Parte meccanica della XW con pistoni maggiorati, nuovo design della testata con tenute e valvole che permettono di raggiungere portate maggiori.

*Pump that maintains the drive of the XW. Larger-size plungers, new pump head design with seals and valves that enable to achieve higher flow rates (superior to 50 l/min).*

## N version

| MOD                        | COD   | <br>MAX | <br>MAX |  |  |    |    |            |      |
|----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|----|------------|------|
|                            |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                 | hp | kW | N° giri/1' | kg   |
| XWP 1450rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                     |    |    |            |      |
| XWP 50.15 N                | 26283 | 50                                                                                         | 13,2                                                                                       | 150                                                                                 | 2200                                                                                | 20 | 15 | 1450       | 17,6 |
| XWP 55.14 N                | 26284 | 55                                                                                         | 14,5                                                                                       | 140                                                                                 | 2000                                                                                | 20 | 15 | 1450       | 17,6 |
| XWP 60.13 N                | 26285 | 60                                                                                         | 15,9                                                                                       | 130                                                                                 | 1900                                                                                | 20 | 15 | 1450       | 17,6 |
| XWP 65.12 N                | 26286 | 65                                                                                         | 17,2                                                                                       | 120                                                                                 | 1740                                                                                | 20 | 15 | 1450       | 17,6 |
| XWP 70.12 N                | 26287 | 70                                                                                         | 18,5                                                                                       | 120                                                                                 | 1740                                                                                | 20 | 15 | 1450       | 17,6 |
| XWP 70.15 N                | 26919 | 70                                                                                         | 18,5                                                                                       | 150                                                                                 | 2200                                                                                | 27 | 20 | 1450       | 17,6 |



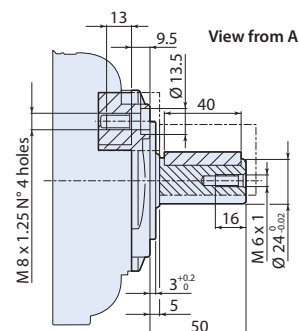
**testa in  
ottone**  
brass  
head



**bielle in  
alluminio**  
aluminium  
connecting-rods

A richiesta testa nichelata · Nickel plated head available.





**bielle in  
alluminio**  
*aluminium  
connecting-rods*

# 194 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio  
industriale**  
industrial  
cleaning



**idropulitrici**  
pressure  
washers



**processi  
industriali**  
industrial  
processes



**agricoltura**  
agriculture



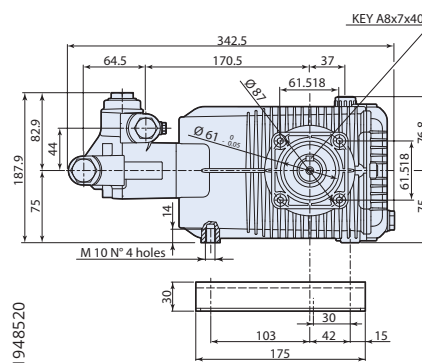
**pulizia  
tubazioni**  
sewer  
jetting



**cantieri ed  
edilizia**  
construction  
industry

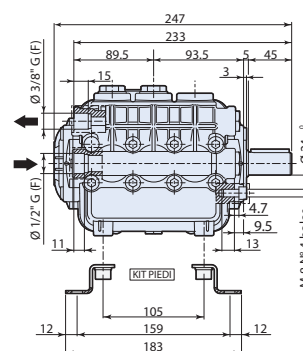


**antincendio**  
fire fighting



1948520

Piedi a richiesta.  
Base on request.



## N version

| MOD                         | COD   |  |  |  |  |    |      |            |    |
|-----------------------------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|------|------------|----|
|                             |       | l/min<br>MAX                                                                        | gpm<br>MAX                                                                          | bar<br>MAX                                                                          | psi<br>MAX                                                                          | hp | kW   | N° giri/1' | kg |
| SHP 1450rpm Nversion Ø24mm  |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |      |            |    |
| SHP 10.50 N                 | 22569 | 10                                                                                  | 2,64                                                                                | 500                                                                                 | 7250                                                                                | 14 | 10,4 | 1450       | 16 |
| SHP 15.50 N                 | 21825 | 15                                                                                  | 3,96                                                                                | 500                                                                                 | 7250                                                                                | 20 | 15   | 1450       | 16 |
| SHP 20.50 N                 | 25413 | 20                                                                                  | 5,30                                                                                | 500                                                                                 | 7250                                                                                | 25 | 18,5 | 1450       | 16 |
| SHP 22.50 N                 | 21826 | 22                                                                                  | 5,80                                                                                | 500                                                                                 | 7250                                                                                | 27 | 20   | 1450       | 16 |
| SHPA 1750rpm Nversion Ø24mm |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |    |      |            |    |
| SHPA 4 G 70 N               | 23022 | 15,1                                                                                | 4                                                                                   | 500                                                                                 | 7250                                                                                | 20 | 15   | 1750       | 16 |



**testa in  
ottone**  
brass  
head



**bielle in  
alluminio**  
aluminium  
connecting-rods

STP-I  
STPA-I

# 194 SERIES

**STP-I Stainless Steel** ad alta pressione  
**fino a 500 bar.**

- Albero in acciaio ad alta resistenza e supportato da due **cuscinetti a rulli conici** di alta qualità e sovradimensionati.
- Bielle in speciale **lega zinco-alluminio antifrizione.**
- Corpo pompa e coperchi laterali in lega di **alluminio ad alta resistenza** per pressofusione e con trattamento di **anodizzazione.**
- Pistoni in **ceramica** integrale.
- Sistema di tenuta a **doppia guarnizione.**
- Testa in **acciaio inox** AISI 420.
- **Valvole di costruzione robusta** per reggere le alte pressioni di utilizzo.
- Coperchio posteriore con **scarico** e **livello olio.**  
**Livello olio laterale.**

*STP-I Stainless Steel pump up to 500 bar.*

- *Shaft in high-strength steel supported by two **high-quality, oversized tapered roller bearings.***
- *Connecting rods in a special **low-friction zinc-aluminium alloy.***
- *Pump head in **stainless steel** AISI 420.*
- *Body and side covers in **anodised die-cast high-strength aluminium alloy.***
- ***Ceramic plungers.***
- ***Double gasket sealing system.***
- ***Valves** are of **rugged construction** to withstand the high operating pressures.*
- *Back cover incorporated with **oil sight glass** and **oil drain outlet.***  
***Lateral oil sight glass.***



**AISI  
420**



# 194 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio  
industriale**  
industrial  
cleaning



**idropulitrici**  
pressure  
washers



**processi  
industriali**  
industrial  
processes



**municipality**



**pulizia  
tubazioni**  
sewer  
jetting

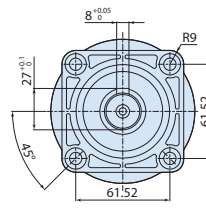
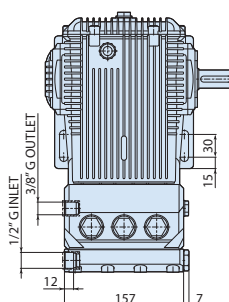
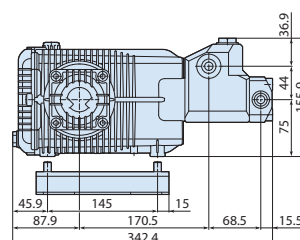
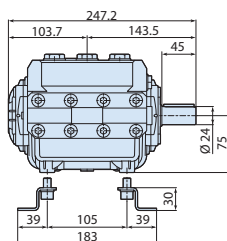


**cantieri ed  
edilizia**  
construction  
industry

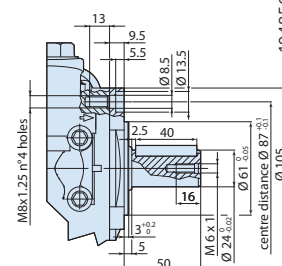


**settore  
navale**  
marine  
industry

Piedi a richiesta.  
Base on request.



Flangiatura pompa  
Pump flange



## N version

| MOD                           | COD   |  |  |  |  |      |      |            |      |
|-------------------------------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|------|------------|------|
|                               |       | l/min                                                                               | gpm                                                                                 | bar                                                                                 | psi                                                                                 | hp   | kW   | N° giri/1' | kg   |
| STP-I 1450rpm Nversion Ø24mm  |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |      |            |      |
| STP-I 10.50 N                 | 27170 | 10                                                                                  | 2,64                                                                                | 500                                                                                 | 7250                                                                                | 14   | 10,4 | 1450       | 18,5 |
| STP-I 15.50 N                 | 26597 | 15                                                                                  | 3,96                                                                                | 500                                                                                 | 7250                                                                                | 20   | 15   | 1450       | 18,5 |
| STP-I 20.50 N                 | 27171 | 20                                                                                  | 5,30                                                                                | 500                                                                                 | 7250                                                                                | 25   | 18,5 | 1450       | 18,5 |
| STP-I 22.50 N                 | 27172 | 22                                                                                  | 5,80                                                                                | 500                                                                                 | 7250                                                                                | 27   | 20   | 1450       | 18,5 |
| STPA-I 1750rpm Nversion Ø24mm |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |      |      |            |      |
| STPA-I 4 G 70 N               | 27173 | 15,1                                                                                | 4                                                                                   | 500                                                                                 | 7250                                                                                | 20   | 15   | 1750       | 18,5 |
| STPA-I 5.5 G 70 N             | 27167 | 20,8                                                                                | 5,5                                                                                 | 500                                                                                 | 7250                                                                                | 25,5 | 19   | 1750       | 18,5 |



**testa in AISI  
420**  
AISI 420  
pump head



**bielle in  
alluminio**  
aluminium  
connecting-rods





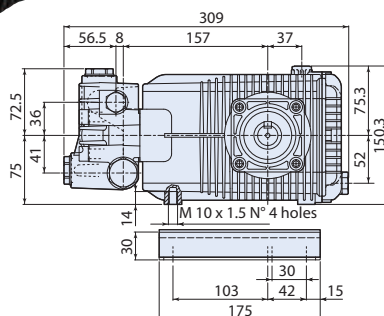
# 194 Series

POMPA ALBERO MASCHIO  
Solid shaft pump

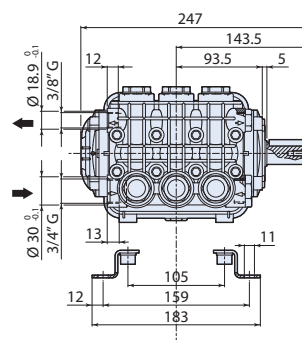


autolavaggio  
car wash

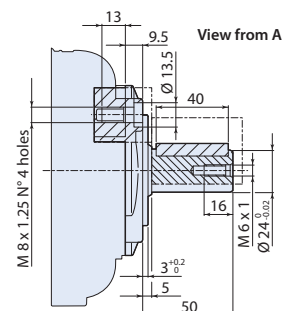
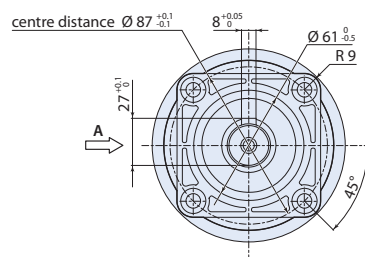
## CAR WASH



Piedi a richiesta.  
Base on request.



1948501



## N version

| MOD                        | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |            |    |
|----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|------------|----|
|                            |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N° giri/1' | kg |
| CWX 950rpm Nversion Ø24mm  |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |    |
| CWX 15.17 N                | 20472 | 15                                                                                         | 3,96                                                                                       | 170                                                                                 | 2500                                                                                             | 7,5 | 5,2 | 950        | 16 |
| CWX 1200rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |    |
| CWX 18.10 N                | 20473 | 18                                                                                         | 4,75                                                                                       | 100                                                                                 | 1450                                                                                             | 5,5 | 3,6 | 1200       | 16 |
| CWX 1750rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |    |
| CWX 15.17 N                | 20474 | 15                                                                                         | 3,96                                                                                       | 170                                                                                 | 2500                                                                                             | 7,5 | 5,2 | 1750       | 16 |



testa  
nichelata  
nickel plated  
brass head



bielle in  
alluminio  
aluminium  
connecting-rods

## 194 Series

## POMPA ALBERO MASCHIO

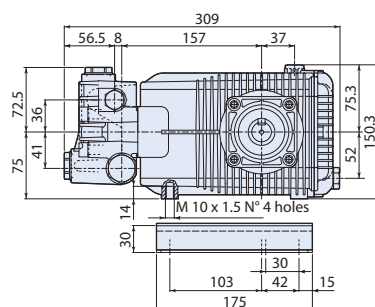
### *Solid shaft pump*



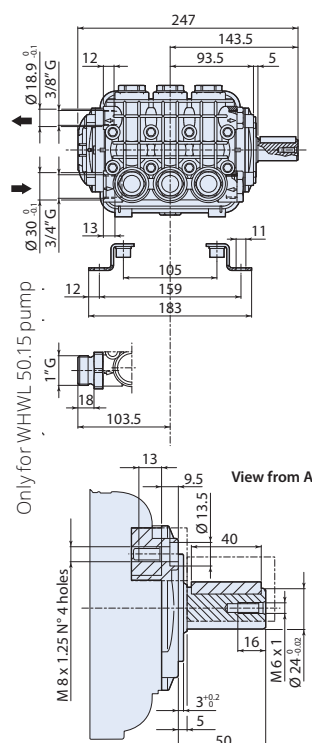
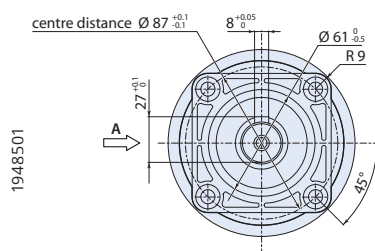
autolavaggio *car wash*      municipality



## HOT WATER 85°C



Piedi a richiesta.  
*Base on request.*



## N version

| MOD                 | COD            | <br>MAX | <br>MAX |  | <br>NET |     |      |            |      |
|---------------------|----------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----|------|------------|------|
|                     |                | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                        | hp  | kW   | N° giri/1' | kg   |
| <b>WHW 1450rpm</b>  | Nversion Ø24mm |                                                                                            |                                                                                            |                                                                                     |                                                                                            |     |      |            |      |
| WHW 15.20 N         | <b>22986</b>   | 15                                                                                         | 3,96                                                                                       | 200                                                                                 | 2900                                                                                       | 7,5 | 5,5  | 1450       | 16   |
| WHW 21.15 N         | <b>22987</b>   | 21                                                                                         | 5,55                                                                                       | 150                                                                                 | 2200                                                                                       | 7,5 | 5,5  | 1450       | 16   |
| WHW 26.15 N         | <b>22988</b>   | 26                                                                                         | 6,87                                                                                       | 150                                                                                 | 2200                                                                                       | 10  | 7,5  | 1450       | 16   |
| WHW 32.20 N         | <b>22989</b>   | 32                                                                                         | 8,45                                                                                       | 200                                                                                 | 2900                                                                                       | 15  | 11   | 1450       | 16   |
| <b>WHWL 1450rpm</b> | Nversion Ø24mm |                                                                                            |                                                                                            |                                                                                     |                                                                                            |     |      |            |      |
| WHWL 38.15 N        | <b>23966</b>   | 38                                                                                         | 10                                                                                         | 150                                                                                 | 2200                                                                                       | 15  | 11   | 1450       | 16,5 |
| WHWL 42.15 N        | <b>23967</b>   | 42                                                                                         | 11,09                                                                                      | 150                                                                                 | 2200                                                                                       | 16  | 11,8 | 1450       | 16,5 |
| WHWL 50.15 N        | <b>23968</b>   | 50                                                                                         | 13,2                                                                                       | 150                                                                                 | 2200                                                                                       | 20  | 15   | 1450       | 16,5 |



**testa  
nichelata**  
*nickel plated  
brass head*



---



**guarnizioni  
in PTFE**  
*PTFE gasket  
sealing*



**bielle in  
alluminio**  
*aluminium  
connecting-rods*



# 194 Series

## ELECTRIC MOTOR-PUMP UNITS



**lavaggio industriale**  
industrial cleaning



**idropultrici**  
pressure washers



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



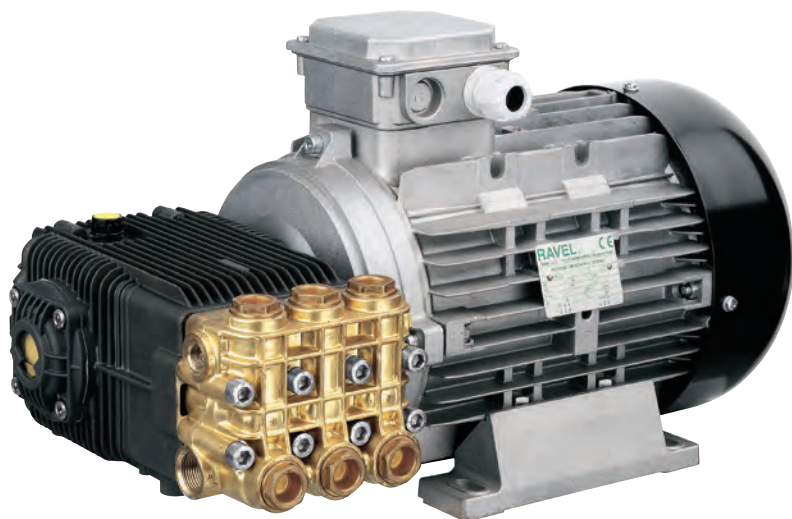
**misting**



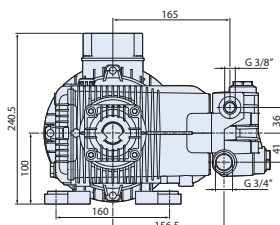
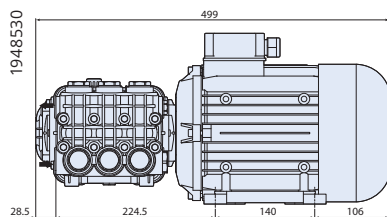
**pulizia tubazioni**  
sewer jetting



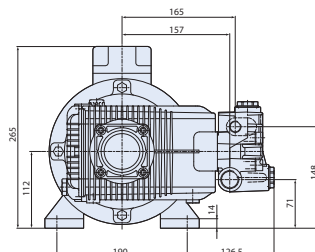
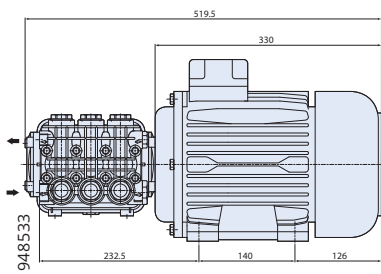
**cantieri ed edilizia**  
construction industry



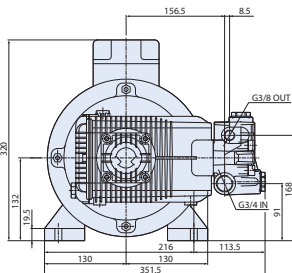
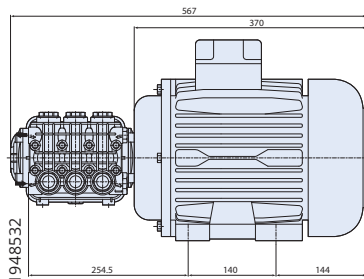
GR. 100 motor hollow shaft



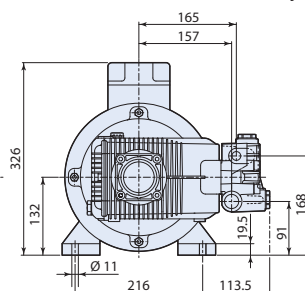
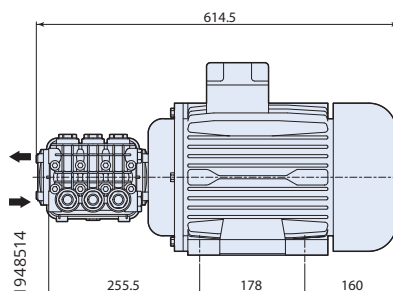
GR. 112 motor hollow shaft



GR. 132 S motor hollow shaft



GR. 132 L motor hollow shaft



| COD          |              | <br>MAX | <br>MAX |     |      |     |     |  |          | <br>KG<br>NET |    |
|--------------|--------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----|------|-----|-----|-------------------------------------------------------------------------------------|----------|----------------------------------------------------------------------------------------------------|----|
|              | 3 ~          | l/min                                                                                      | gpm                                                                                        | bar | psi  | hp  | kW  | N°<br>giri/1'                                                                       | V 3-50Hz | Gr.                                                                                                | kg |
| HXW 1450rpm  |              |                                                                                            |                                                                                            |     |      |     |     |                                                                                     |          |                                                                                                    |    |
| HXW 15.15 ET | <b>20871</b> | 15                                                                                         | 3,96                                                                                       | 150 | 2200 | 5,5 | 4   | 1450                                                                                | 230/400  | 100                                                                                                | 33 |
| HXW 15.20 ET | <b>20872</b> | 15                                                                                         | 3,96                                                                                       | 200 | 2900 | 7,5 | 5,5 | 1450                                                                                | 230/400  | 112                                                                                                | 39 |
| HXW 21.20 ET | <b>20224</b> | 21                                                                                         | 5,55                                                                                       | 200 | 2900 | 10  | 7,5 | 1450                                                                                | 230/400  | 132 S                                                                                              | 63 |
| HXW 26.15 ET | <b>20225</b> | 26                                                                                         | 6,87                                                                                       | 150 | 2200 | 10  | 7,5 | 1450                                                                                | 230/400  | 132 S                                                                                              | 63 |
| HXW 30.10 ET | <b>20227</b> | 30                                                                                         | 7,92                                                                                       | 100 | 1450 | 7,5 | 5,5 | 1450                                                                                | 230/400  | 112                                                                                                | 39 |
| HXW 30.15 ET | <b>20228</b> | 30                                                                                         | 7,92                                                                                       | 150 | 2200 | 10  | 7,5 | 1450                                                                                | 230/400  | 132 S                                                                                              | 63 |
| HXW 30.20 ET | <b>20229</b> | 30                                                                                         | 7,92                                                                                       | 200 | 2900 | 15  | 11  | 1450                                                                                | 230/400  | 132 L                                                                                              | 70 |



**testa in ottone**  
brass head



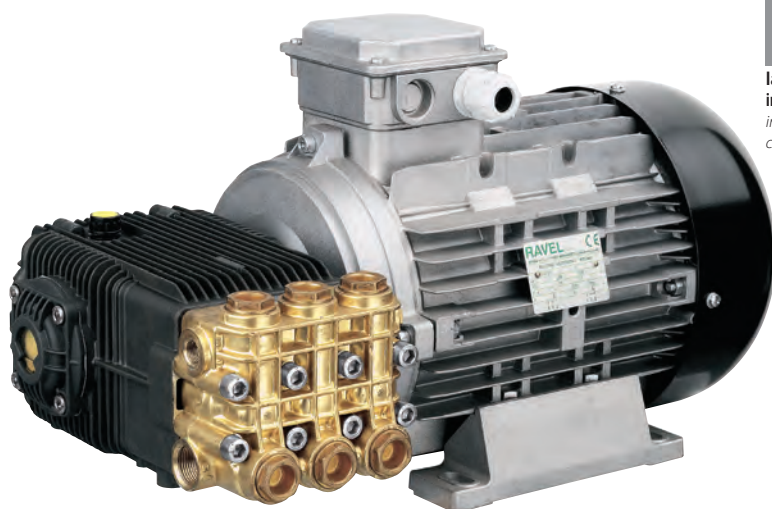
**bielle in alluminio**  
aluminium connecting-rods



**3~50Hz**  
frequenza motore  
motor frequency

# 194 Series

## ELECTRIC MOTOR-PUMP UNITS



**lavaggio industriale**  
industrial cleaning



**idropultrici**  
pressure washers



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



**misting**

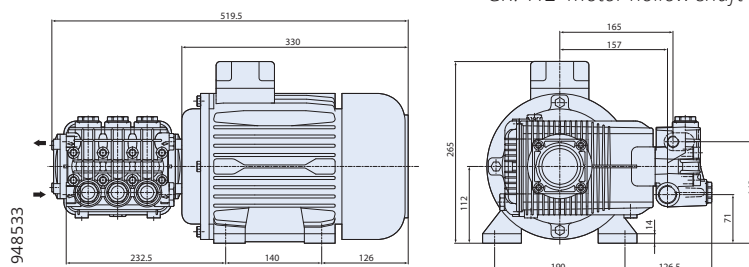


**pulizia tubazioni**  
sewer jetting

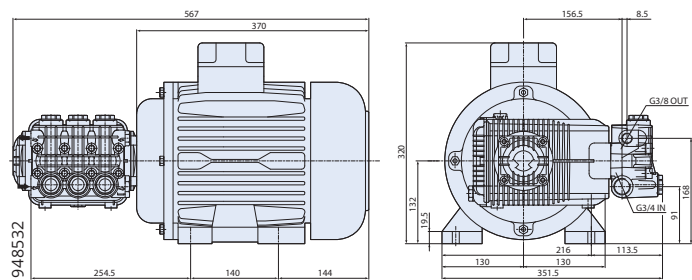


**cantieri ed edilizia**  
construction industry

GR. 112 motor hollow shaft



GR. 132 S motor hollow shaft



| COD           |       | <br>MAX | <br>MAX |     |      |     |     |  |                      | <br>KG<br>NET |    |
|---------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----|------|-----|-----|-------------------------------------------------------------------------------------|----------------------|----------------------------------------------------------------------------------------------------|----|
|               | 3 ~   | l/min                                                                                      | gpm                                                                                        | bar | psi  | hp  | kW  | N°<br>giri/1'                                                                       | V                    | Gr.                                                                                                | kg |
| HXWL 1450rpm  |       |                                                                                            |                                                                                            |     |      |     |     |                                                                                     |                      |                                                                                                    |    |
| HXWL 42.07 ET | 21183 | 42                                                                                         | 11,09                                                                                      | 70  | 1000 | 7,5 | 5,5 | 1450                                                                                | 230/400 <sup>c</sup> | 112                                                                                                | 39 |
| HXWL 42.10 ET | 21184 | 42                                                                                         | 11,09                                                                                      | 100 | 1450 | 10  | 7,5 | 1450                                                                                | 230/400 <sup>c</sup> | 132 S                                                                                              | 63 |
| HXWA 1750rpm  |       |                                                                                            |                                                                                            |     |      |     |     |                                                                                     |                      |                                                                                                    |    |
| HXWA 4 G20 ET | 20782 | 15,1                                                                                       | 4                                                                                          | 140 | 2000 | 5,5 | 4   | 1750                                                                                | 230/400 <sup>d</sup> | 112                                                                                                | 33 |
| HXWA 4 G30 ET | 20783 | 15,1                                                                                       | 4                                                                                          | 205 | 3000 | 7,5 | 5,5 | 1750                                                                                | 230/400 <sup>d</sup> | 112                                                                                                | 39 |

c) 3~ 50 Hz • d) 3~ 60 Hz



**testa in ottone**  
brass head



**bielle in alluminio**  
aluminium connecting-rods



**3~50Hz**  
**frequenza motore**  
motor frequency





# 194 Series

## ELECTRIC MOTOR-PUMP UNITS



**lavaggio industriale**  
industrial cleaning



**idropulitrici**  
pressure washers



**processi industriali**  
industrial processes



**agricoltura**  
agriculture



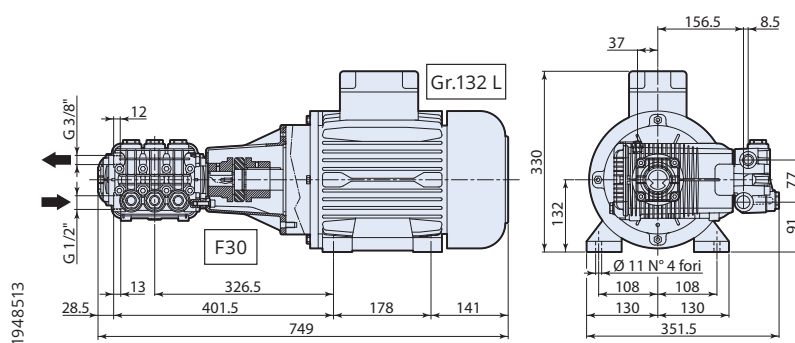
**municipality**  
municipality



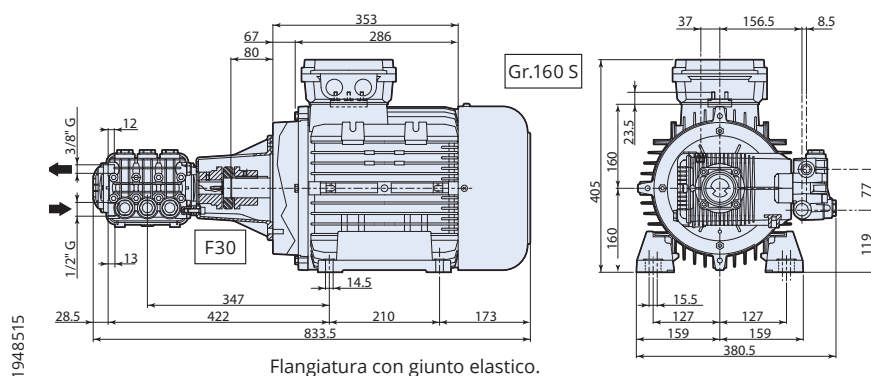
**pulizia tubazioni**  
sewer jetting



**cantieri ed edilizia**  
construction industry



Flangiatura con giunto elastico.  
Bell housing + flexible coupling.



Flangiatura con giunto elastico.  
Bell housing + flexible coupling.

| COD                        | 3 ~ | l/min | gpm  | bar | psi  | hp | kW | N° giri/1' | V 3-50Hz | Gr.   | kg  |
|----------------------------|-----|-------|------|-----|------|----|----|------------|----------|-------|-----|
| <b>HSXW 1450rpm</b>        |     |       |      |     |      |    |    |            |          |       |     |
| HSXW 15.35 ET <b>21066</b> |     | 15,1  | 4    | 350 | 5100 | 15 | 11 | 1450       | 230/400  | 132 L | 75  |
| HSXW 21.35 ET <b>22995</b> |     | 21    | 5,55 | 350 | 5100 | 20 | 15 | 1450       | 400/690  | 160 S | 115 |



**testa in ottone**  
brass head



**bielle in alluminio**  
aluminium connecting-rods



**3~50Hz**  
**frequenza motore**  
motor frequency

# 194 Series

## ELECTRIC MOTOR-PUMP UNITS



**lavaggio  
industriale**  
industrial  
cleaning



**idropulitrici**  
pressure  
washers



**processi  
industriali**  
industrial  
processes



**agricoltura**  
agriculture



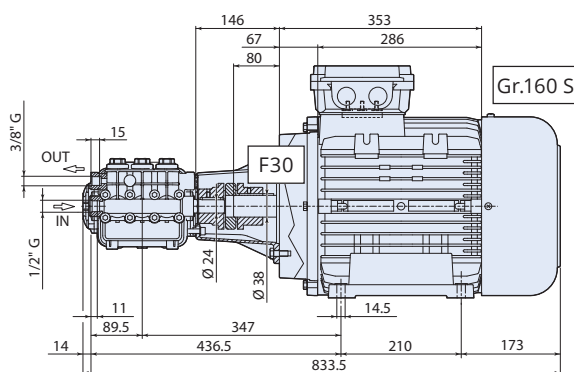
**pulizia  
tubazioni**  
sewer  
jetting



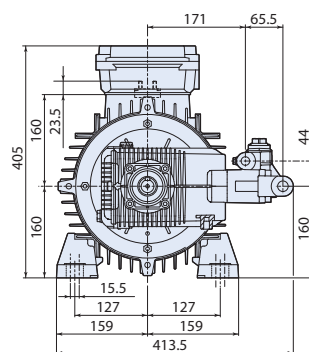
**cantieri ed  
edilizia**  
construction  
industry



1948522



Flangiatura con giunto elastico.  
Bell housing + flexible coupling.



| COD                 | 3 ~          | l/min | gpm  | bar | psi  | hp | kW   | N°<br>giri/1' | V 3-50Hz | Gr.   | kg  |
|---------------------|--------------|-------|------|-----|------|----|------|---------------|----------|-------|-----|
| <b>HSHP 1450rpm</b> |              |       |      |     |      |    |      |               |          |       |     |
| HSHP 15.50 ET       | <b>22082</b> | 15    | 3,96 | 500 | 7250 | 20 | 15   | 1450          | 400/690  | 160 S | 115 |
| HSHP 20.50 ET       | <b>25414</b> | 20    | 5,30 | 500 | 7250 | 25 | 18,5 | 1450          | 400/690  | 160 S | 115 |



**testa in  
ottone**  
brass  
head



**bielle in  
alluminio**  
aluminium  
connecting-rods



**3~50Hz**  
**frequenza  
motore**  
motor  
frequency



# 194 Series

## GASOLINE MOTOR-PUMP UNITS



idropulitrici  
pressure  
washers



processi  
industriali  
industrial  
processes



autolavaggio  
car wash



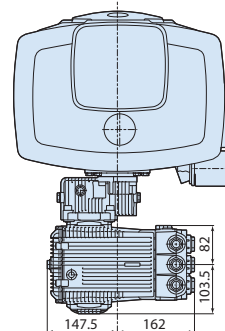
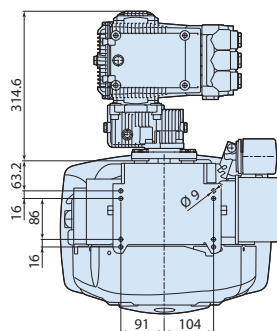
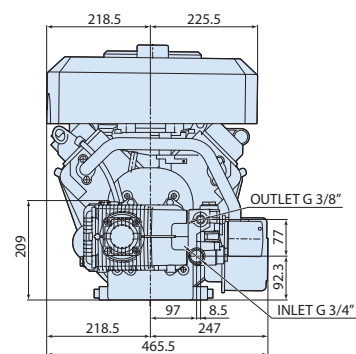
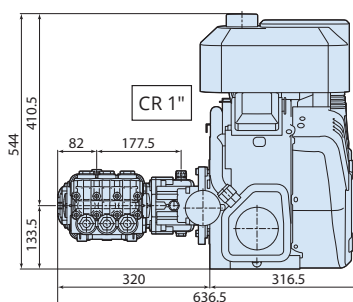
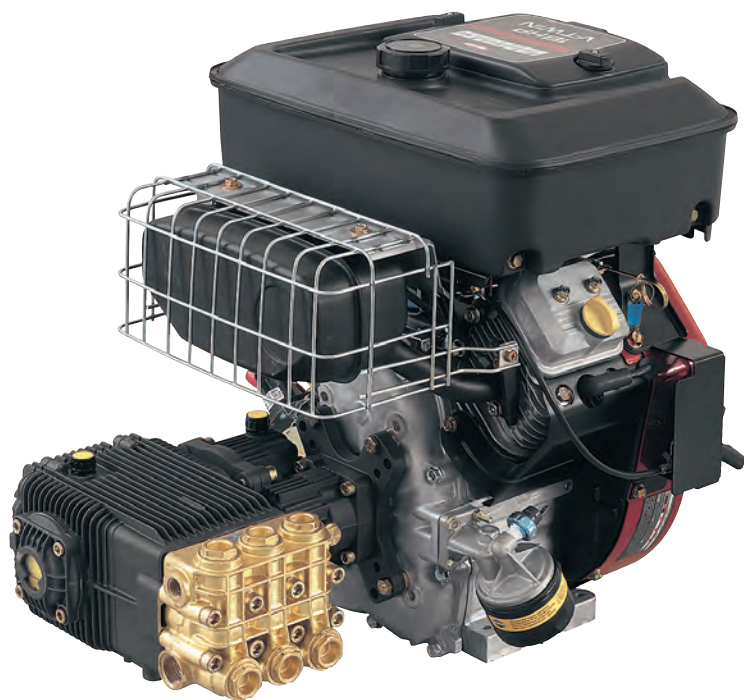
agricoltura  
agriculture



municipality



cantieri ed  
edilizia  
construction  
industry



1948541

| MOD                      | COD          | <br>MAX | <br>MAX | <br>RPM | <br>KG<br>NET |                     |    |
|--------------------------|--------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------|----|
|                          | Engine<br>HP | l/min                                                                                      | gpm                                                                                        | bar                                                                                        | psi                                                                                                | N° giri/1'<br>pompa | kg |
| XW Gearbox Drive         |              |                                                                                            |                                                                                            |                                                                                            |                                                                                                    |                     |    |
| XW 30.15 CR B&S VANGUARD | 18 20241     | 30                                                                                         | 7.92                                                                                       | 150                                                                                        | 2200                                                                                               | 1450                | 53 |



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rod



motore a  
scoppio  
gasoline  
engine



municipality



**antincendio**  
*fire fighting*



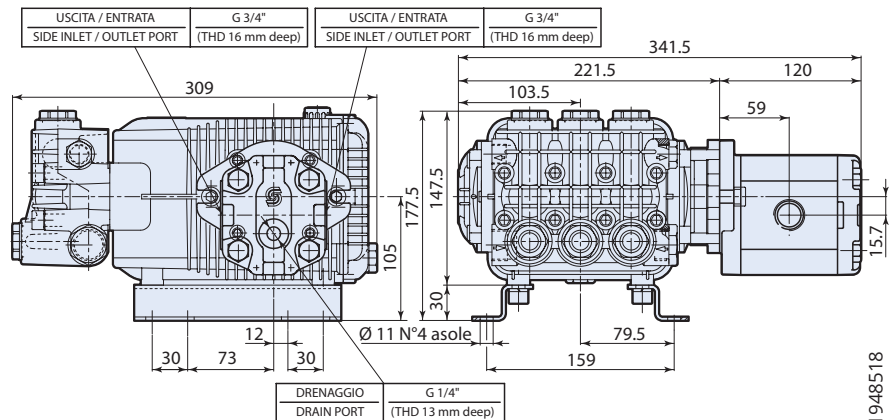
**testa in  
ottone**  
*brass  
head*



**bielle in  
alluminio**  
*aluminium  
connecting-rods*



**motore  
idraulico**  
*hydraulic  
drive*



1948518

HYD - **XW** • HYD - **XWL**

| MOD           | COD          | POMPA A PISTONI • HP PISTON PUMP                                                         |                                                                                          |                                                                                          |                                                                                   |                   |     | MOTORE IDRAULICO • HYDRAULIC MOTOR                                                         |                                                                                            |                                                                                            |     |       |            | <br>NET |
|---------------|--------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-------------------|-----|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----|-------|------------|--------------------------------------------------------------------------------------------|
|               |              | <br>MAX | <br>MAX | <br>RPM |  | SAUER DANFOSS (*) |     | <br>MAX | <br>MAX | <br>RPM |     |       |            |                                                                                            |
|               |              | l/min                                                                                    | gpm                                                                                      | bar                                                                                      | psi                                                                               | N° giri/1'        | hp  | Type                                                                                       | Cod                                                                                        | cm³                                                                                        | bar | l/min | N° giri/1' | kg                                                                                         |
| HYD-XW        |              |                                                                                          |                                                                                          |                                                                                          |                                                                                   |                   |     |                                                                                            |                                                                                            |                                                                                            |     |       |            |                                                                                            |
| HYD-XW 30.10  | <b>21606</b> | 30                                                                                       | 7,92                                                                                     | 100                                                                                      | 1450                                                                              | 1450              | 7,5 | SNM2NN/022<br>BN06GAM1F5F5N                                                                | 4770                                                                                       | 22,8                                                                                       | 125 | 36    | 1450       | 19,2                                                                                       |
| HYD-XW 30.15  | <b>22694</b> | 30                                                                                       | 7,92                                                                                     | 150                                                                                      | 2200                                                                              | 1450              | 12  | SNM2NN/022<br>BN06GAM1F5F5N                                                                | 4770                                                                                       | 22,8                                                                                       | 180 | 36    | 1450       | 19,2                                                                                       |
| HYD-XWL       |              |                                                                                          |                                                                                          |                                                                                          |                                                                                   |                   |     |                                                                                            |                                                                                            |                                                                                            |     |       |            |                                                                                            |
| HYD-XWL 50.09 | <b>25049</b> | 50                                                                                       | 13,2                                                                                     | 90                                                                                       | 1300                                                                              | 1450              | 12  | SNM2NN/022<br>BN06GAM1F5F5N                                                                | 4770                                                                                       | 22,8                                                                                       | 180 | 36    | 1450       | 19,2                                                                                       |

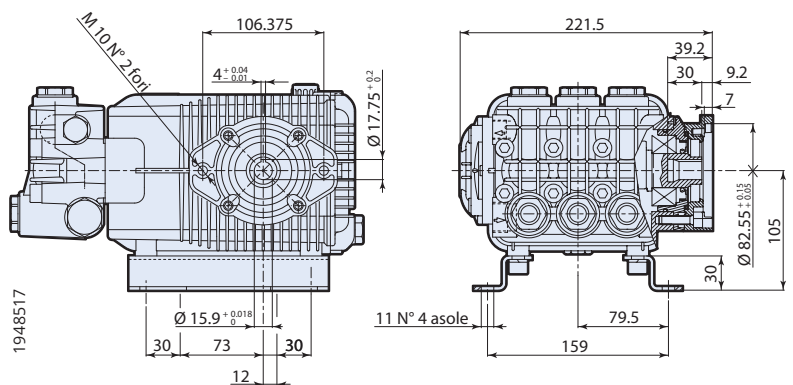
\*) A richiesta disponibili motori idraulici Casappa - Marzocchi

*\*) On request available Hydraulic Motor type: Casappa - Marzocchi*



municipality

## HYDRAULIC DRIVE



Piedi a richiesta.  
*Base on request.*

**XW + F38**

| MOD               | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |            |      |
|-------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|------------|------|
|                   |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N° giri/1' | kg   |
| XW 1450rpm + F 38 |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |            |      |
| XW 30.10 + F38    | 21601 | 30                                                                                         | 7.92                                                                                       | 100                                                                                 | 1450                                                                                             | 7,5 | 5,5 | 1450       | 16,5 |
| XW 30.15 + F38    | 22318 | 30                                                                                         | 7.92                                                                                       | 150                                                                                 | 2200                                                                                             | 10  | 7,5 | 1450       | 16,5 |



**testa in  
ottone**  
*brass  
head*



**bielle in  
alluminio**  
*aluminium  
connecting-rods*





**lavaggio  
industriale**  
industrial  
cleaning



**processi  
industriali**  
industrial  
processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



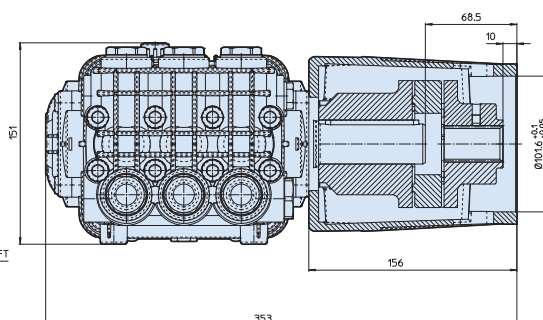
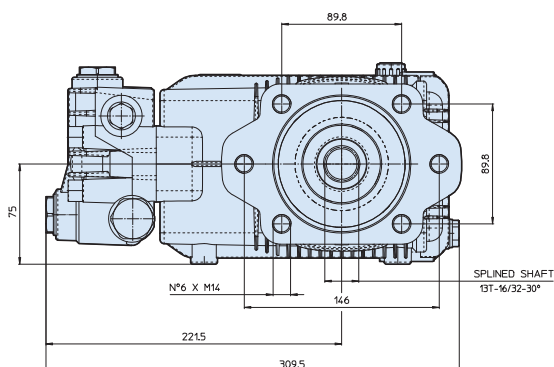
**misting**



**pulizia  
tubazioni**  
sewer  
jetting



**antincendio**  
fire fighting



1948657

## XW - XWL - XWP - SXW + F60

| MOD             | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |      |            |      |
|-----------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------|----|------|------------|------|
|                 |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                               | hp | kW   | N° giri/1' | kg   |
| XW + F60        |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                   |    |      |            |      |
| XW 21.28 N+F60  | 28432 | 21                                                                                         | 5.55                                                                                       | 280                                                                                 | 4061                                                                                              | 20 | 15   | 1450       | 21   |
| XW 30.25 N+F60  | 28433 | 30                                                                                         | 7.92                                                                                       | 250                                                                                 | 3625                                                                                              | 20 | 15   | 1450       | 21   |
| XWL + F60       |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                   |    |      |            |      |
| XWL 42.15 N+F60 | 28434 | 42                                                                                         | 11.09                                                                                      | 150                                                                                 | 2200                                                                                              | 19 | 14   | 1450       | 21   |
| XWL 50.15 N+F60 | 28435 | 50                                                                                         | 13.2                                                                                       | 150                                                                                 | 2200                                                                                              | 16 | 11,8 | 1450       | 21   |
| XWP + F60       |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                   |    |      |            |      |
| XWP 60.13 N+F60 | 28436 | 60                                                                                         | 15.9                                                                                       | 130                                                                                 | 1900                                                                                              | 20 | 15   | 1450       | 21   |
| XWP 70.15 N+F60 | 28437 | 70                                                                                         | 18.5                                                                                       | 150                                                                                 | 2200                                                                                              | 20 | 15   | 1450       | 22,5 |
| SXW + F6022,5   |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                   |    |      |            |      |
| SXW 21.35 N+F60 | 28438 | 21                                                                                         | 5.55                                                                                       | 350                                                                                 | 5100                                                                                              | 20 | 15   | 1450       | 21   |

A richiesta testa nichelata · Nickel plated head available.

Per motori idraulici vedi pag. 170 · For hydraulic motors see page 170.

Pompa con campana e giunto elastico per motori albero scanalato 13T.  
Pump with bell housing and flexible coupling for 13T splined shaft motors.

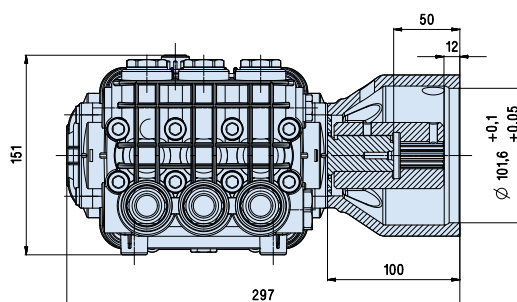
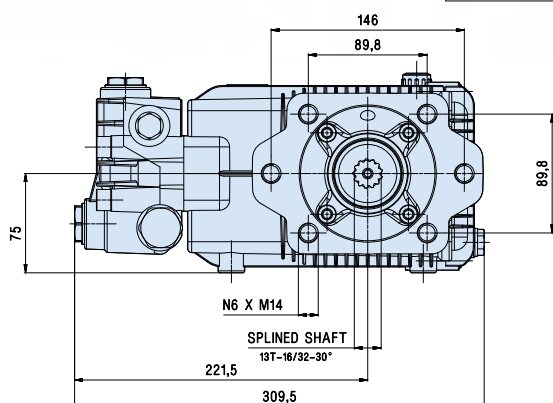
**NEW**



**testa in  
ottone**  
brass  
head



**bielle in  
alluminio**  
aluminium  
connecting-rods



1948591

## XW - XWL - XWP - SHP + F62

| MOD              | COD          | MAX   | MAX  | MAX | MAX  | hp   | kW   | N° giri/1' | KG NET |
|------------------|--------------|-------|------|-----|------|------|------|------------|--------|
|                  |              | l/min | gpm  | bar | psi  |      |      |            | kg     |
| <b>XW + F62</b>  |              |       |      |     |      |      |      |            |        |
| XW 15.30 N+F62   | <b>28041</b> | 15    | 3.96 | 300 | 4351 | 12   | 8,7  | 1450       | 19     |
| XW 21.25 N+F62   | <b>28042</b> | 21    | 5.55 | 250 | 3625 | 12,5 | 9,2  | 1450       | 19     |
| XW 26.20 N+F62   | <b>28043</b> | 26    | 6.87 | 200 | 2900 | 12,5 | 9,2  | 1450       | 19     |
| XW 30.25 N+F62   | <b>28044</b> | 30    | 7.92 | 250 | 3625 | 19   | 14   | 1450       | 19     |
| <b>XWL + F62</b> |              |       |      |     |      |      |      |            |        |
| XWL 36.15 N+F62  | <b>28045</b> | 36    | 9.51 | 150 | 2200 | 15   | 11   | 1450       | 19     |
| XWL 41.20 N+F62  | <b>28046</b> | 41    | 10.8 | 200 | 2900 | 20   | 15   | 1450       | 19     |
| XWL 50.15 N+F62  | <b>28047</b> | 50    | 13.2 | 150 | 2200 | 20   | 15   | 1450       | 19     |
| XWL 50.20 N+F62  | <b>28040</b> | 50    | 13.2 | 200 | 2900 | 26,5 | 19,5 | 1450       | 19     |
| <b>XWP + F62</b> |              |       |      |     |      |      |      |            |        |
| XWP 50.15 N+F62  | <b>28109</b> | 50    | 13.2 | 150 | 2200 | 26,5 | 19,5 | 1450       | 20     |
| XWP 55.14 N+F62  | <b>28110</b> | 55    | 14.5 | 140 | 2000 | 20   | 15   | 1450       | 20     |
| XWP 60.13 N+F62  | <b>28111</b> | 60    | 15.9 | 130 | 1900 | 20   | 15   | 1450       | 20     |
| XWP 65.12 N+F62  | <b>28112</b> | 65    | 17.2 | 120 | 1740 | 20   | 15   | 1450       | 20     |
| XWP 70.12 N+F62  | <b>28113</b> | 70    | 18.5 | 120 | 1740 | 20   | 15   | 1450       | 20     |
| XWP 70.15 N+F62  | <b>28114</b> | 70    | 18.5 | 150 | 2200 | 27   | 20   | 1450       | 20     |
| <b>SHP + F62</b> |              |       |      |     |      |      |      |            |        |
| SHP 15.50 N+F62  | <b>28664</b> | 15    | 3.96 | 500 | 7251 | 20   | 15   | 1450       | 19     |
| SHP 22.50 N+F62  | <b>28665</b> | 22    | 5.8  | 500 | 7251 | 30   | 21,5 | 1450       | 19     |

Pompa nella versione compatta con albero femmina scanalato per motori idraulici con albero maschio scanalato 13T.  
Pump with direct drive flange and hollow shaft for 13T splined shaft motors.



testa in  
ottone  
brass  
head



bielle in  
alluminio  
aluminium  
connecting-rods

A richiesta testa nichelata · Nickel plated head available.

Per motori idraulici vedi pag. 170 · For hydraulic motors see page 170.

# 366 SERIES

RTX  
RTX-I  
HRTX  
HYD-RTX  
RTX+F54  
RTX+F56



Corpo e coperchi in alluminio pressofuso.

Coperchio posteriore con scarico olio.  
Livello olio nel coperchio laterale.

Cuscinetti a rulli conici.

Bielle in lega zinco-alluminio o in bronzo.

Testa in ottone stampato e nichelata.  
Testa in AISI 420 per la versione RTX-I.

Pistoni in ceramica.

*Crankcase and cover in pressure die-cast aluminium alloy.*

*Back cover incorporated with oil drain outlet.*

*Cover lateral oil sight glass.  
Tapered roller bearings.*

*Connecting rods in pressure die-cast zinc-aluminium alloy. Bronze connecting rods available.*

*Nickel-plated forged brass pump head.  
Pump head in AISI 420 for RTX-I model.*

*Ceramic plungers.*

# 366 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio  
industriale**  
industrial  
cleaning



**processi  
industriali**  
industrial  
processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



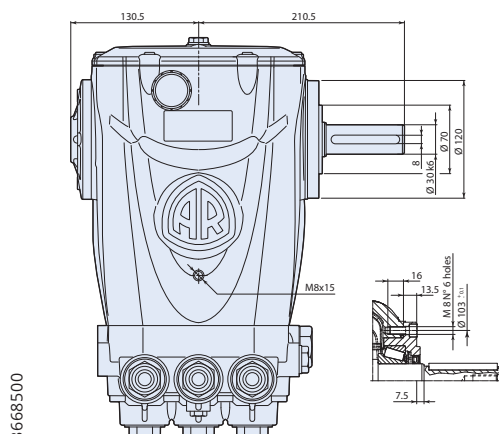
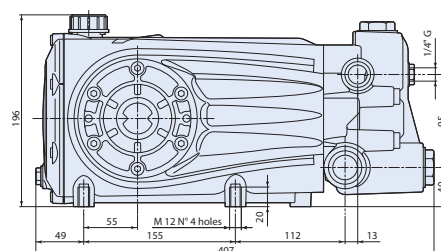
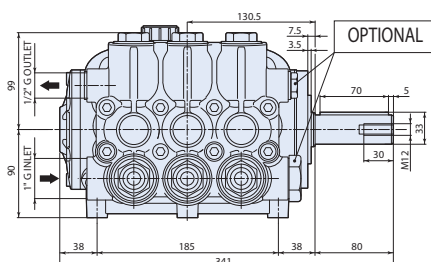
**misting**



**pulizia  
tubazioni**  
sewer  
jetting



**antincendio**  
fire fighting



3668500

## N version

| MOD                        | COD   | <br>MAX | <br>MAX |  |  |    |    |            |      |
|----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----|----|------------|------|
|                            |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                 | hp | kW | N° giri/1' | kg   |
| RTX 1450rpm Nversion Ø30mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                     |    |    |            |      |
| RTX 30.300 N               | 24448 | 30                                                                                         | 7,92                                                                                       | 300                                                                                 | 4351                                                                                | 24 | 18 | 1450       | 32,5 |
| RTX 50.200 N               | 25066 | 50                                                                                         | 13,2                                                                                       | 200                                                                                 | 2900                                                                                | 34 | 26 | 1450       | 32,5 |
| RTX 50.300 N               | 26226 | 50                                                                                         | 13,2                                                                                       | 300                                                                                 | 4351                                                                                | 40 | 30 | 1450       | 32,5 |
| RTX 60.300 N               | 26068 | 60                                                                                         | 15,9                                                                                       | 300                                                                                 | 4351                                                                                | 47 | 35 | 1450       | 32,5 |
| RTX 70.150 N               | 24446 | 70                                                                                         | 18,5                                                                                       | 150                                                                                 | 2200                                                                                | 30 | 22 | 1450       | 32,5 |
| RTX 70.200 N               | 28258 | 70                                                                                         | 18,5                                                                                       | 200                                                                                 | 2900                                                                                | 37 | 28 | 1450       | 32,5 |
| RTX 85.150 N               | 28259 | 85                                                                                         | 22,5                                                                                       | 150                                                                                 | 2200                                                                                | 34 | 26 | 1450       | 32,5 |
| RTX 100.120 N              | 27717 | 100                                                                                        | 26,4                                                                                       | 120                                                                                 | 1740                                                                                | 30 | 22 | 1450       | 32,5 |



**testa  
nichelata**  
nickel plated  
brass head

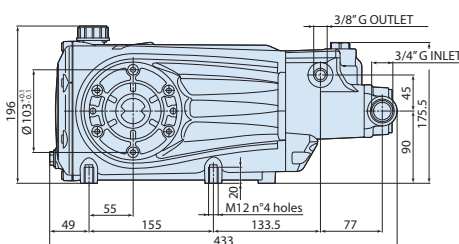
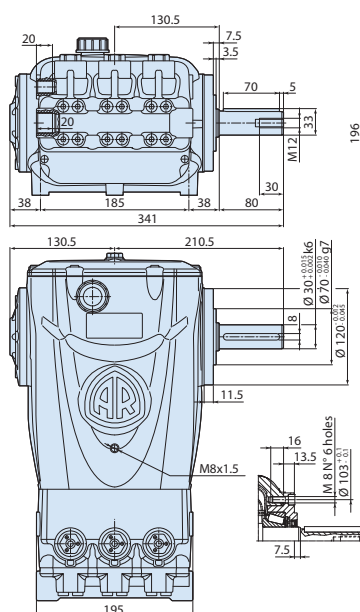


**bielle in  
alluminio**  
aluminium  
connecting-rods





A detailed view of a black and silver hydraulic pump. The pump has a black main body with a silver-colored mounting bracket on the front. The bracket features several ports and a central shaft. A blue cap is visible on top of the black body. The pump is shown from a three-quarter perspective.



| MOD                        | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |    |
|----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|------------|----|
|                            |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N° giri/1' | kg |
| RTX 1450rpm Nversion Ø30mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |            |    |
| RTX 30.500 N               | 26116 | 30                                                                                         | 7,92                                                                                       | 500                                                                                 | 7250                                                                                             | 40 | 30 | 1450       | 34 |
| RTX 35.350 N               | 27349 | 35                                                                                         | 9,24                                                                                       | 350                                                                                 | 5076                                                                                             | 40 | 30 | 1450       | 34 |



**bielle in  
bronzo**  
*bronze  
connecting-rods*

# 366 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio  
industriale**  
industrial  
cleaning



**processi  
industriali**  
industrial  
processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



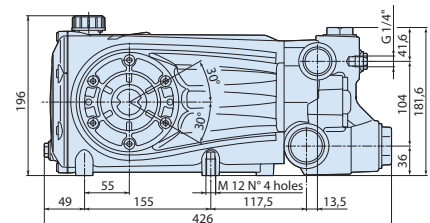
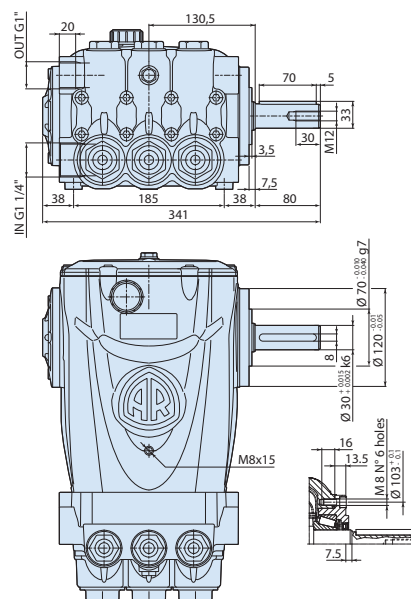
**municipality**



**misting**



**pulizia  
tubazioni**  
sewer  
jetting



3668509

## N version

| MOD                               | COD          | <br>MAX | <br>MAX |  |  |
|-----------------------------------|--------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                   |              | l/min<br>gpm                                                                               | bar<br>psi                                                                                 | hp<br>kW                                                                            | N° giri/1'<br>kg                                                                    |
| <b>RTX 1450rpm Nversion Ø30mm</b> |              |                                                                                            |                                                                                            |                                                                                     |                                                                                     |
| RTX 150.100 N                     | <b>26485</b> | 150<br>39,6                                                                                | 100<br>1450                                                                                | 40<br>30                                                                            | 1450<br>35                                                                          |



**testa  
nichelata**  
nickel plated  
brass head



**bielle in  
bronzo**  
bronze  
connecting-rods

RTX-I

# 366 SERIES

**RTX-I Stainless Steel** ad alta pressione  
**fino a 500 bar.**

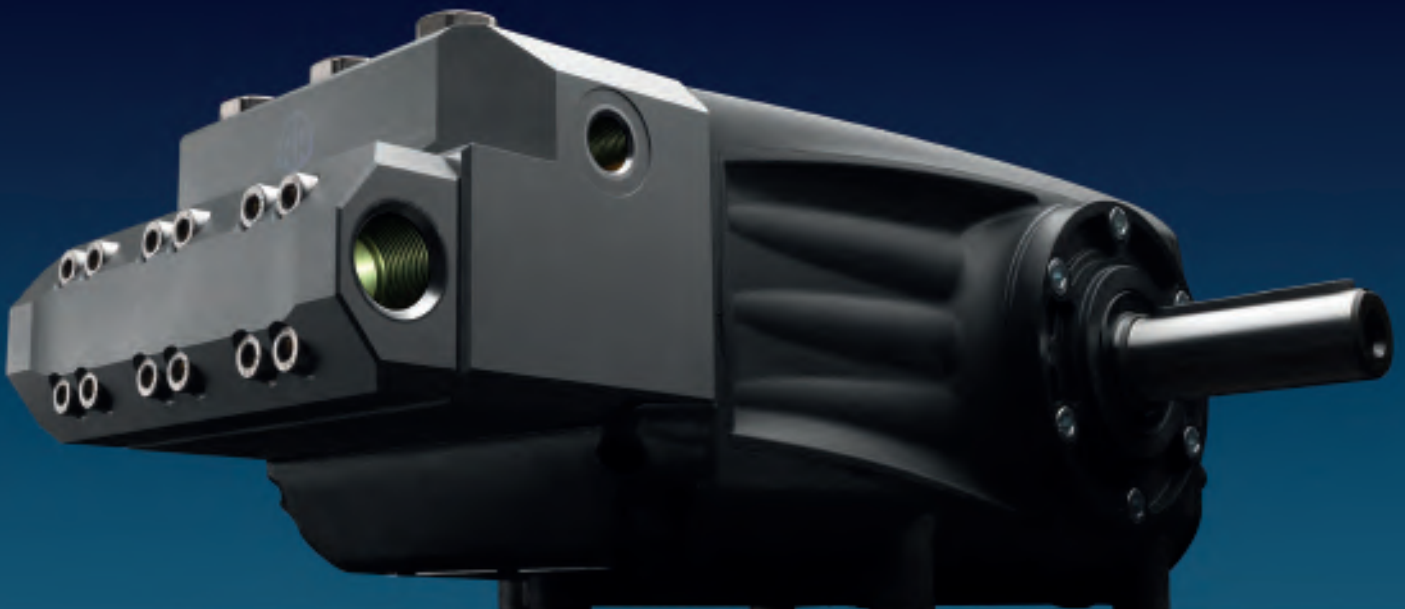
- Albero in acciaio ad alta resistenza e supportato da due **cuscinetti a rulli conici** di alta qualità e sovradimensionati.
- Bielle in **bronzo**.
- Corpo pompa e coperchi laterali in lega di **alluminio ad alta resistenza** per pressofusione e con trattamento di **anodizzazione**.
- Pistoni in **ceramica** integrale.
- Sistema di tenuta a **doppia guarnizione**.
- Testa in **acciaio inox** AISI 420.
- **Valvole di costruzione robusta** per reggere le alte pressioni di utilizzo.
- Coperchio posteriore con **scarico olio**.  
**Livello olio laterale.**

*RTX-I Stainless Steel pump up to 500 bar.*

- *Shaft in high-strength steel supported by two **high-quality, oversized tapered roller bearings**.*
- ***Bronze** connecting rods.*
- *Pump head in **stainless steel** AISI 420.*
- *Body and side covers in **anodised die-cast high-strength aluminium alloy**.*
- ***Ceramic plungers**.*
- ***Double gasket sealing system**.*
- ***Valves** are of **rugged construction** to withstand the high operating pressures.*
- *Back cover incorporated with **oil drain outlet**.  
**Lateral oil sight glass**.*



**AISI  
420**



# 366 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio  
industriale**  
industrial  
cleaning



**processi  
industriali**  
industrial  
processes



**municipality**



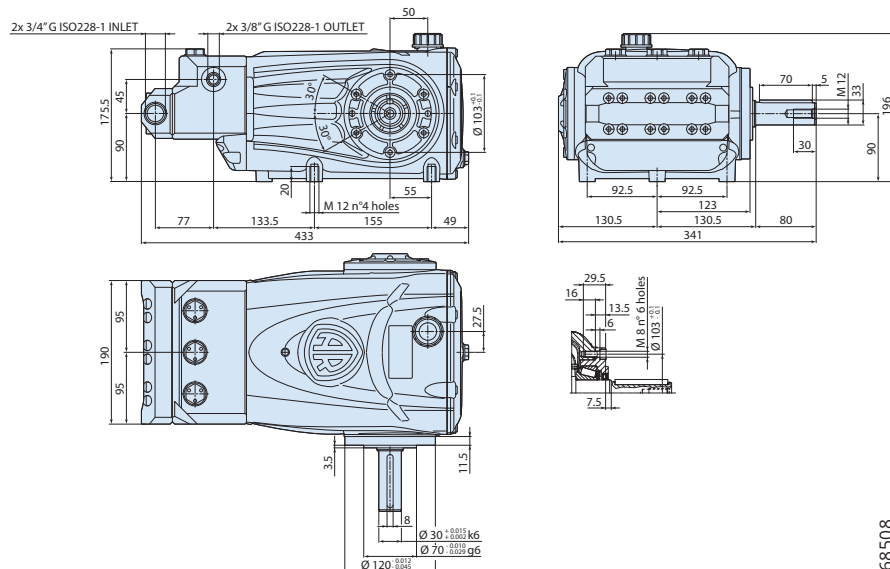
**pulizia  
tubazioni**  
sewer  
jetting



**cantieri ed  
edilizia**  
construction  
industry



**settore  
navale**  
marine  
industry



3668508

## N version

| MOD                          | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |    |
|------------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|------------|----|
|                              |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N° giri/1' | kg |
| RTX-I 1450rpm Nversion Ø30mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |            |    |
| RTX-I 30.500 N               | 26611 | 30                                                                                         | 7,92                                                                                       | 500                                                                                 | 7250                                                                                             | 40 | 30 | 1450       | 34 |



**testa in  
AISI 420**  
AISI 420  
pump head



**bielle in  
bronzo**  
bronze  
connecting-rods





# 366 Series

## ELECTRIC MOTOR-PUMP UNITS



**lavaggio  
industriale**  
industrial  
cleaning



**processi  
industriali**  
industrial  
processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



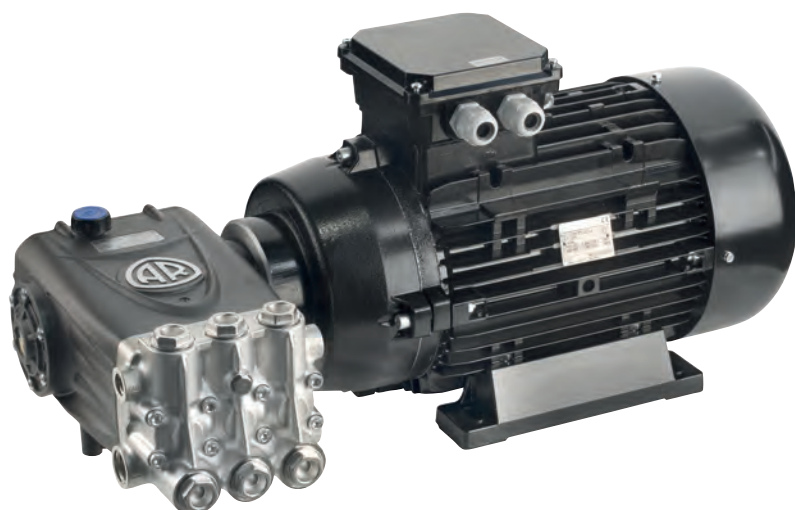
**municipality**



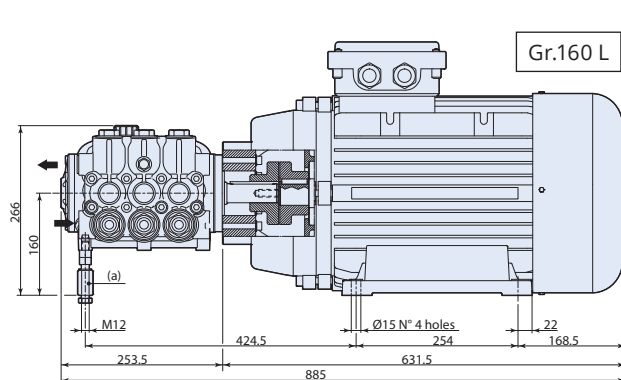
**misting**



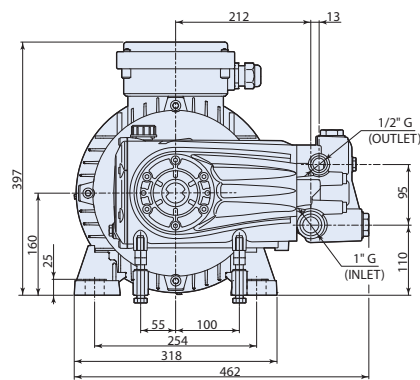
**pulizia  
tubazioni**  
sewer  
jetting



Motore elettrico GR. 160L con giunto flessibile interno.  
GR. 160L electric motor with internal flexible joint.



(a) Supporto pompa consigliato (M12).  
Pump support recommended (M12).



3668501

| MOD             | COD   | <br>MAX | <br>MAX |  |      |    |      |               |          |       |     | <br>KG<br>NET |
|-----------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|----|------|---------------|----------|-------|-----|----------------------------------------------------------------------------------------------------|
|                 | 3 ~   | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi  | hp | kW   | N°<br>giri/1' | V 3-50Hz | Gr.   | kg  |                                                                                                    |
| HRTX 1450rpm    |       |                                                                                            |                                                                                            |                                                                                     |      |    |      |               |          |       |     |                                                                                                    |
| HRTX 30.300 ET  | 25344 | 30                                                                                         | 7,92                                                                                       | 300                                                                                 | 4351 | 25 | 18,6 | 1450          | 400/690  | 160 L | 135 |                                                                                                    |
| HRTX 50.200 ET  | 25257 | 50                                                                                         | 13,2                                                                                       | 200                                                                                 | 2900 | 25 | 18,6 | 1450          | 400/690  | 160 L | 135 |                                                                                                    |
| HRTX 70.150 ET  | 25664 | 70                                                                                         | 18,5                                                                                       | 150                                                                                 | 2200 | 30 | 22   | 1450          | 400/690  | 160 L | 135 |                                                                                                    |
| HRTX 100.120 ET | 25665 | 100                                                                                        | 26,4                                                                                       | 120                                                                                 | 1740 | 30 | 22   | 1450          | 400/690  | 160 L | 135 |                                                                                                    |



**testa in  
nickel**  
nickel  
plated head



**bielle in  
alluminio**  
Connecting-rods  
in aluminum



**frequenza  
motore**  
motor  
frequency

# 366 Series

## ELECTRIC MOTOR-PUMP UNITS



**lavaggio industriale**  
industrial cleaning



**processi industriali**  
industrial processes



**autolavaggio**  
car wash



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**

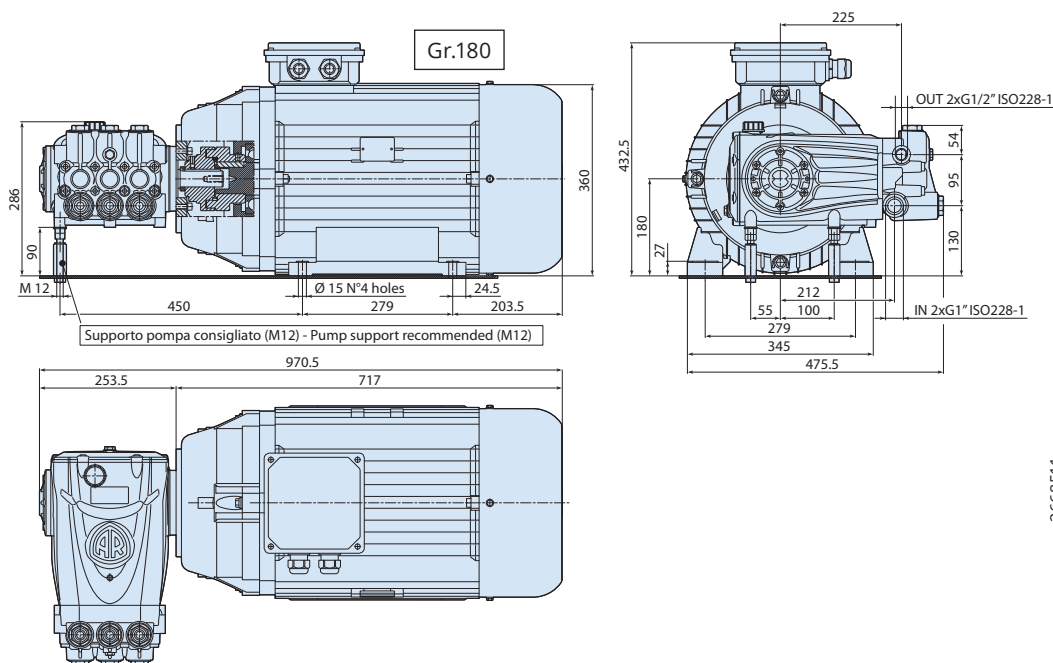


**misting**



**pulizia tubazioni**  
sewer jetting

Motore elettrico GR. 180 con giunto flessibile interno.  
GR. 180 electric motor with internal flexible joint.



3668511

| MOD            | COD          | <br>MAX | <br>MAX |  |      |    |    |               |          |     |     | <br>KG<br>NET |
|----------------|--------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|----|----|---------------|----------|-----|-----|----------------------------------------------------------------------------------------------------|
|                | 3 ~          | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi  | hp | kW | N°<br>giri/1' | V 3-50Hz | Gr. | kg  |                                                                                                    |
| HRTX 1450rpm   |              |                                                                                            |                                                                                            |                                                                                     |      |    |    |               |          |     |     |                                                                                                    |
| HRTX 50.300 ET | <b>26923</b> | 50                                                                                         | 13,2                                                                                       | 300                                                                                 | 4351 | 40 | 30 | 1450          | 400/690  | 180 | 220 |                                                                                                    |
| HRTX 60.250 ET | <b>26924</b> | 60                                                                                         | 15,9                                                                                       | 250                                                                                 | 3625 | 40 | 30 | 1450          | 400/690  | 180 | 220 |                                                                                                    |



**testa in nickel**  
nickel plated head



**bielle in alluminio**  
Connecting-rods in aluminum



**frequenza motore**  
motor frequency



# 366 Series

## ELECTRIC MOTOR-PUMP UNITS



**lavaggio industriale**  
industrial cleaning



**processi industriali**  
industrial processes



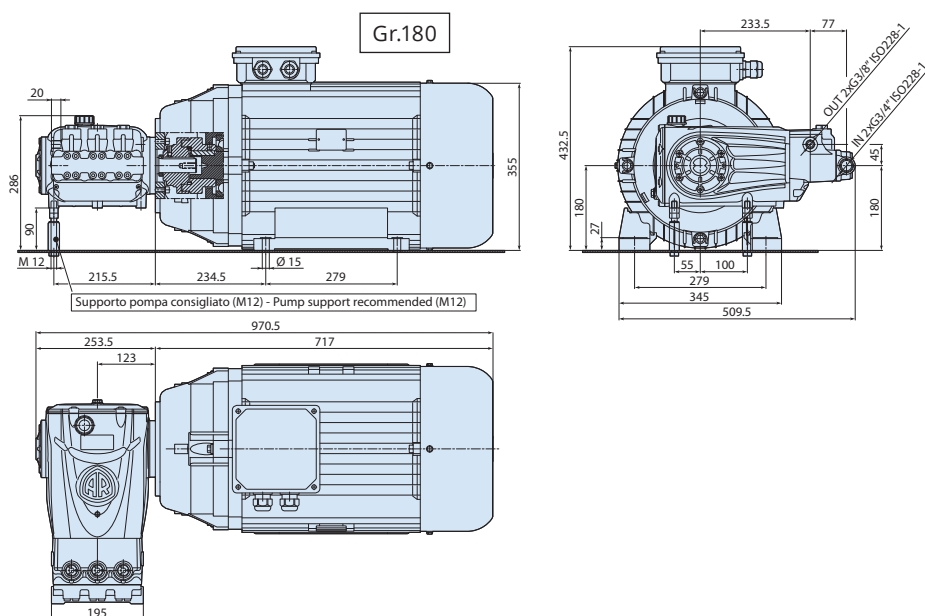
**produzione**  
manufacturing



**municipality**



Motore elettrico GR. 180 con giunto flessibile interno.  
GR. 180 electric motor with internal flexible joint.



3668510

| MOD                  | COD          | MAX   | MAX  |     |      |    |    |            |          | NET     |
|----------------------|--------------|-------|------|-----|------|----|----|------------|----------|---------|
|                      | 3 ~          | l/min | gpm  | bar | psi  | hp | kW | N° giri/1' | V 3-50Hz | Gr. kg  |
| <b>HRTX 1450 rpm</b> |              |       |      |     |      |    |    |            |          |         |
| HRTX 30.500 ET       | <b>26922</b> | 30    | 7,92 | 500 | 7250 | 40 | 30 | 1450       | 400/690  | 180 221 |



**testa nichelata**  
nickel plated brass head



**bielle in bronzo**  
bronze connecting-rods



**frequenza motore**  
motor frequency

# 366 Series

## HYDRAULIC DRIVE



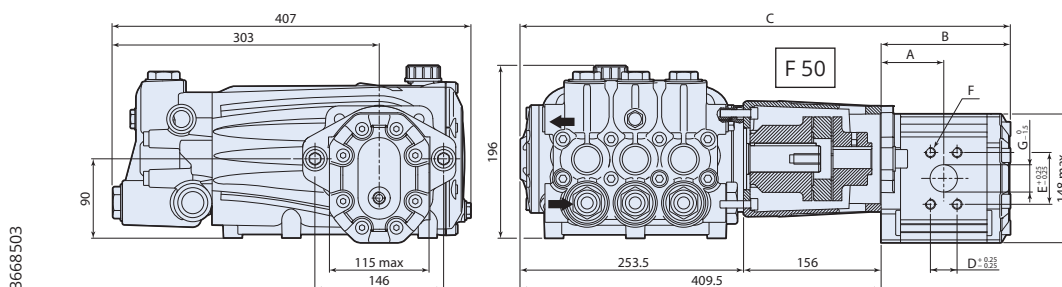
municipality



antincendio  
fire fighting



| Motor Type                               | A  | B     | C   | D     | E     | F              | G    |
|------------------------------------------|----|-------|-----|-------|-------|----------------|------|
|                                          | mm |       |     |       |       |                | Ø mm |
| SNM3NN/044<br>BN07SAM1A4A4<br>NNNN/NNNNN | 71 | 148,5 | 558 | 30,18 | 58,72 | 7/16-14<br>UNC | 31,8 |



3668503



testa  
nichelata  
nickel plated  
brass head



bielle in  
alluminio  
aluminium  
connecting-rods



motore  
idraulico  
hydraulic  
drive

## HYD - RTX

| MOD             | COD          | POMPA A PISTONI • HP PISTON PUMP |      |     |      |               |    | MOTORE IDRAULICO • HYDRAULIC MOTOR       |       |      |      |       |               | KG<br>NET |
|-----------------|--------------|----------------------------------|------|-----|------|---------------|----|------------------------------------------|-------|------|------|-------|---------------|-----------|
|                 |              |                                  |      |     |      |               |    | SAUER DANFOSS                            |       |      |      |       |               |           |
|                 |              | l/min                            | gpm  | bar | psi  | N°<br>giri/1' | hp | Type                                     | Cod   | cm³  | bar  | l/min | N°<br>giri/1' | kg        |
| <b>HYD-RTX</b>  |              |                                  |      |     |      |               |    |                                          |       |      |      |       |               |           |
| HYD-RTX 70.150  | <b>25549</b> | 70                               | 18,5 | 150 | 2200 | 1450          | 30 | NM3NN/044<br>BN07SAM1A4A4<br>NNNN/NNNNN  | 45222 | 44,1 | 180* | 70*   | 1450          | 42,5      |
| HYD-RTX 70.200  | <b>26148</b> | 70                               | 18,5 | 200 | 2900 | 1450          | 37 | SNM3NN/044<br>BN07SAM1A4A4<br>NNNN/NNNNN | 45222 | 44,1 | 240* | 70*   | 1450          | 42,5      |
| HYD-RTX 100.120 | <b>25345</b> | 100                              | 26,4 | 120 | 1740 | 1450          | 30 | NM3NN/044<br>BN07SAM1A4A4<br>NNNN/NNNNN  | 45222 | 44,1 | 210* | 70*   | 1450          | 42,5      |

\*) Theoretical data.

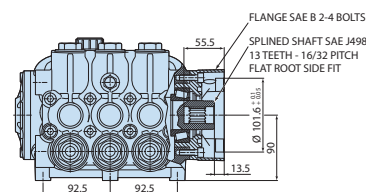
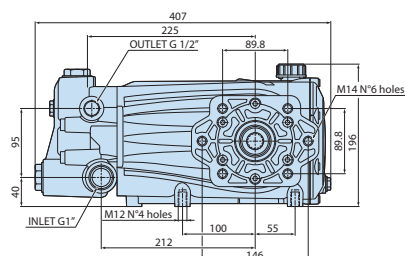






Pompa nella versione compatta con albero femmina scanalato per motori idraulici con albero maschio scanalato 13T.

*Pump with direct drive flange and hollow shaft for 13T splined shaft motors.*



HM 44 - COD.45222



Fino a / Up to  
40 hp - 30 kW

HM 90 - COD.45223



Fino a / Up to  
47 hp - 35 kW

HM 34 - COD.45223



Fino a / Up to  
40 hp - 30 kW

HM 64 - COD.45230



Fino a / Up to  
47 hp - 35 kW

## RTX + F56

| MOD                  | COD          |       |      |     |      |    |    |            |      |
|----------------------|--------------|-------|------|-----|------|----|----|------------|------|
|                      |              | MAX   | MAX  |     | NET  |    |    |            |      |
|                      |              | l/min | gpm  | bar | psi  | hp | kW | N° giri/1' | kg   |
| <b>RTX + F56</b>     |              |       |      |     |      |    |    |            |      |
| RTX 30.300 C+F56     | <b>28131</b> | 30    | 7,92 | 300 | 4351 | 24 | 18 | 1450       | 32,5 |
| RTX 50.300 C+F56     | <b>28132</b> | 50    | 13,2 | 300 | 4351 | 40 | 30 | 1450       | 32,5 |
| RTX 60.300 C DX+F56  | <b>27892</b> | 60    | 15,9 | 300 | 4351 | 47 | 35 | 1450       | 32,5 |
| RTX 70.200 C DX+F56  | <b>27894</b> | 70    | 18,5 | 200 | 2900 | 37 | 28 | 1450       | 32,5 |
| RTX 85.150 C DX+F56  | <b>27873</b> | 85    | 22,5 | 150 | 2175 | 34 | 26 | 1450       | 32,5 |
| RTX 100.120 C+F56    | <b>28133</b> | 100   | 26,4 | 120 | 1740 | 47 | 35 | 1450       | 32,5 |
| RTX 150.100 C DX+F56 | <b>27699</b> | 150   | 39,6 | 100 | 1450 | 30 | 22 | 1450       | 35   |
| RTX 30.500C+F56      | <b>28134</b> | 30    | 7,92 | 500 | 7251 | 30 | 22 | 1450       | 32,5 |

**NEW**



testa  
nichelata  
nickel plated  
brass head



bielle in  
alluminio  
aluminum  
connecting-rods

A richiesta testa nichelata • Nickel plated head available.

Per motori idraulici vedi pag. 170 • For hydraulic motors see page 170.

# 418 SERIES

RTD  
RTD-L  
RTD+F59  
RTD+F57

CR SERIES









# 418 SERIES

RTD  
RTD-L  
RTD+F59  
RTD+F57



Corpo e coperchi in alluminio pressofuso.

Coperchio posteriore con scarico e livello olio.

Livello olio laterale.

Cuscinetti a rulli conici.

Bielle in lega zinco-alluminio o in bronzo.

Testa in ottone stampato. Possibilità di testa in ottone nichelata.

Pistoni in ceramica.

*Crankcase and cover in pressure die-cast aluminium alloy.*

*Back cover incorporated with oil sight glass and oil drain outlet.*

*Additional side oil sight glass.*

*Tapered roller bearings.*

*Connecting rods in die-cast zinc-aluminium alloy. Bronze connecting rods available.*

*Pump head in forged brass. Nickel-plated brass head available.*

*Ceramic plungers.*

# 418 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio  
industriale**  
industrial  
cleaning



**processi  
industriali**  
industrial  
processes



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



**misting**



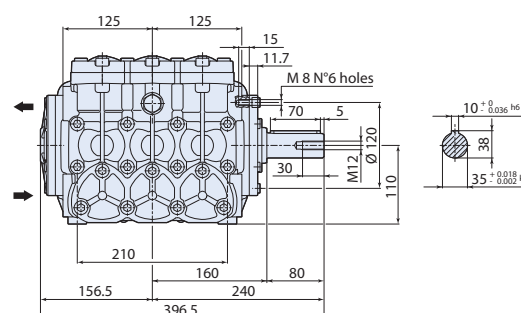
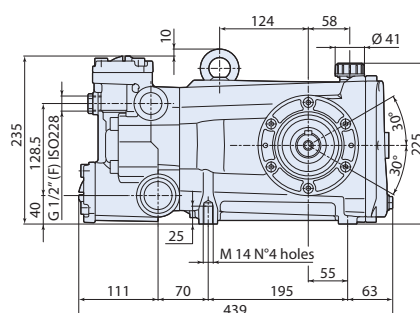
**pulizia  
tubazioni**  
sewer  
jetting



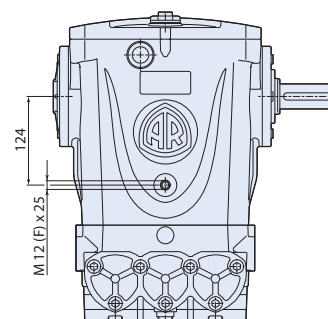
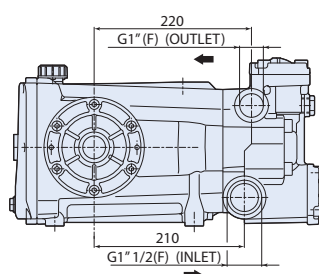
**cantieri ed  
edilizia**  
construction  
industry



**antincendio**  
fire fighting



4188500



## N version

| MOD                           | COD     | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |      |
|-------------------------------|---------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|------------|------|
|                               |         | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N° giri/1' | kg   |
| RTD - L 800rpm Nversion Ø35mm |         |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |            |      |
| RTD-L 160.100 N               | 🟡 25346 | 155                                                                                        | 40,9                                                                                       | 100                                                                                 | 1450                                                                                             | 42 | 32 | 800        | 50,3 |
| RTD 1000rpm Nversion Ø35mm    |         |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |            |      |
| RTD 80.300 N                  | 🟡 26875 | 80                                                                                         | 21,1                                                                                       | 300                                                                                 | 4351                                                                                             | 59 | 48 | 1000       | 63,8 |
| RTD 100.200 N                 | 🟡 26327 | 100                                                                                        | 26,4                                                                                       | 200                                                                                 | 2900                                                                                             | 65 | 41 | 1000       | 59   |
| RTD 120.200 N                 | 🟡 27814 | 120                                                                                        | 31,7                                                                                       | 200                                                                                 | 2900                                                                                             | 65 | 41 | 1000       | 59   |
| RTD 130.100 N                 | 25348   | 130                                                                                        | 34,5                                                                                       | 100                                                                                 | 1450                                                                                             | 34 | 26 | 1000       | 59   |
| RTD 130.160 N                 | 🟡 26105 | 130                                                                                        | 34,5                                                                                       | 160                                                                                 | 2300                                                                                             | 54 | 41 | 1000       | 59   |
| RTD 160.100 N                 | 25347   | 160                                                                                        | 42,3                                                                                       | 100                                                                                 | 1450                                                                                             | 42 | 32 | 1000       | 59   |
| RTD 160.130 N                 | 🟡 26104 | 160                                                                                        | 42,3                                                                                       | 130                                                                                 | 1900                                                                                             | 54 | 41 | 1000       | 59   |
| RTD 200.80 N                  | 🟡 27372 | 200                                                                                        | 52,8                                                                                       | 80                                                                                  | 1160                                                                                             | 65 | 41 | 1000       | 59   |



**testa in  
ottone**  
brass  
head



● **bielle in  
bronzo**  
bronze  
connecting-rods



**bielle in  
alluminio**  
aluminium  
connecting-rods

A richiesta testa nichelata. · Nickel plated head available.



# 418 Series

## HYDRAULIC DRIVE



**lavaggio industriale**  
industrial cleaning



**processi industriali**  
industrial processes



**produzione**  
manufacturing



**agricoltura**  
agriculture



**municipality**



**misting**



**pulizia tubazioni**  
sewer jetting



**cantieri ed edilizia**  
construction industry



**antincendio**  
fire fighting

Pompa con campana e giunto elastico per motori albero scanalato 14T.  
*Pump with bell housing and flexible coupling for 14T splined shaft motors.*

### HM 44 - COD.45222



Fino a / Up to  
**40 hp - 30 kW**

### HM 90 - COD.45223



Fino a / Up to  
**47 hp - 35 kW**

### HM 34 - COD.45223

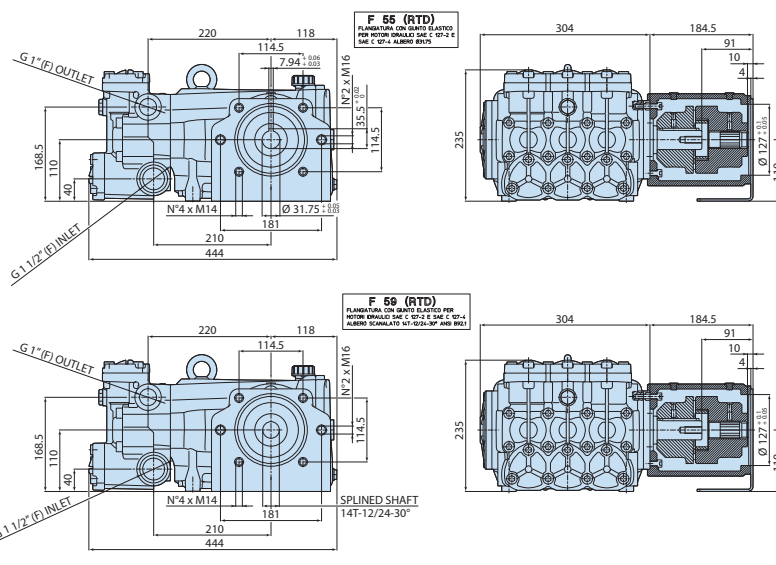


Fino a / Up to  
**40 hp - 30 kW**

### HM 64 - COD.45230



Fino a / Up to  
**47 hp - 35 kW**



## RTD + F59

| MOD                          | COD                                                                                              | <br>MAX | <br>MAX |  | <br>NET |    |    |            |      |
|------------------------------|--------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|----|----|------------|------|
|                              |                                                                                                  | l/min                                                                                      | gpm                                                                                        | bar                                                                                  | psi                                                                                          | hp | kW | N° giri/1' | kg   |
| RTD + F59                    |                                                                                                  |                                                                                            |                                                                                            |                                                                                      |                                                                                              |    |    |            |      |
| POMPA RTD-L 160.100 N DX+F59 |  <b>28142</b> | 160                                                                                        | 42,3                                                                                       | 100                                                                                  | 1450                                                                                         | 42 | 32 | 800        | 92,5 |
| POMPA RTD 80.300 N DX +F59   |  <b>28135</b> | 80                                                                                         | 21,1                                                                                       | 300                                                                                  | 4351                                                                                         | 64 | 47 | 1000       | 92,5 |
| POMPA RTD 100.200 N DX+F59   |  <b>28136</b> | 100                                                                                        | 26,4                                                                                       | 200                                                                                  | 2900                                                                                         | 54 | 41 | 1000       | 92,5 |
| POMPA RTD 130.100 N DX+F59   | <b>28137</b>                                                                                     | 130                                                                                        | 34,5                                                                                       | 100                                                                                  | 1450                                                                                         | 34 | 26 | 1000       | 92,5 |
| POMPA RTD 130.160 N DX+F59   |  <b>28138</b> | 130                                                                                        | 34,5                                                                                       | 160                                                                                  | 2320                                                                                         | 54 | 41 | 1000       | 92,5 |
| POMPA RTD 130.200 N DX+F59   |  <b>28139</b> | 130                                                                                        | 34,5                                                                                       | 200                                                                                  | 2900                                                                                         | 70 | 51 | 1000       | 92,5 |
| POMPA RTD 160.100 N DX+F59   | <b>28140</b>                                                                                     | 160                                                                                        | 42,3                                                                                       | 100                                                                                  | 1450                                                                                         | 42 | 32 | 1000       | 92,5 |
| POMPA RTD 160.130 N DX+F59   |  <b>28141</b> | 160                                                                                        | 42,3                                                                                       | 130                                                                                  | 1900                                                                                         | 54 | 41 | 1000       | 92,5 |

A richiesta testa nichelata · Nickel plated head available.

Per motori idraulici vedi pag. 170 · For hydraulic motors see page 170.

**NEW**



**testa in ottone**  
brass head



**bielle in bronzo**  
bronze connecting-rods



**bielle in alluminio**  
aluminium connecting-rods



129



CR SERIES

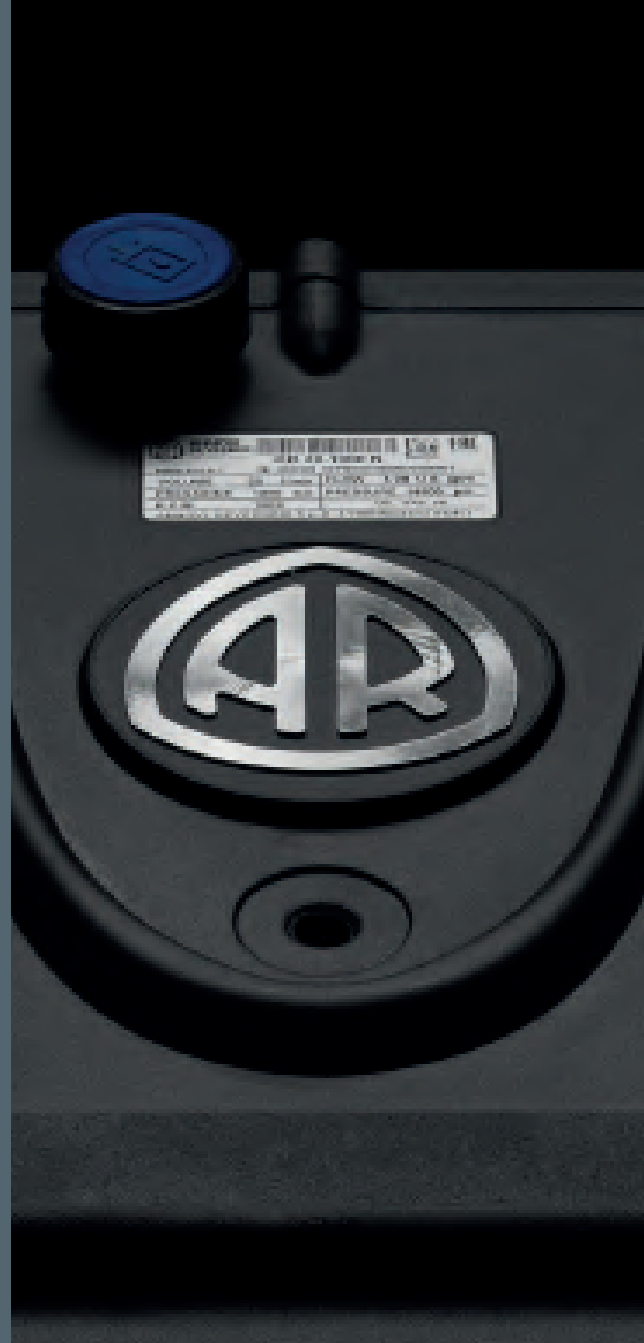
# 418 SERIES

**CR SERIES Stainless Steel** ad alta pressione **fino a 1000 bar.**

- Albero a gomiti in **acciaio stampato ad alta resistenza.**
- Bielle in **bronzo antifrizione.**
- Corpo pompa e coperchi in lega di **alluminio pressofuso** con trattamento di **anodizzazione.**
- Specola livello olio **laterale e posteriore.**
- Lubrificazione a sbattimento.
- Pistoni in **carburo di tungsteno.**
- Sistema di tenuta a **doppia guarnizione.**
- Circuito per il **raffreddamento delle guarnizioni alta pressione** per una maggiore durata.
- Testa in **acciaio inox ad alta resistenza.**
- Valvole aspirazione/mandata **inox** con geometria studiata per **ridurre le usure.**

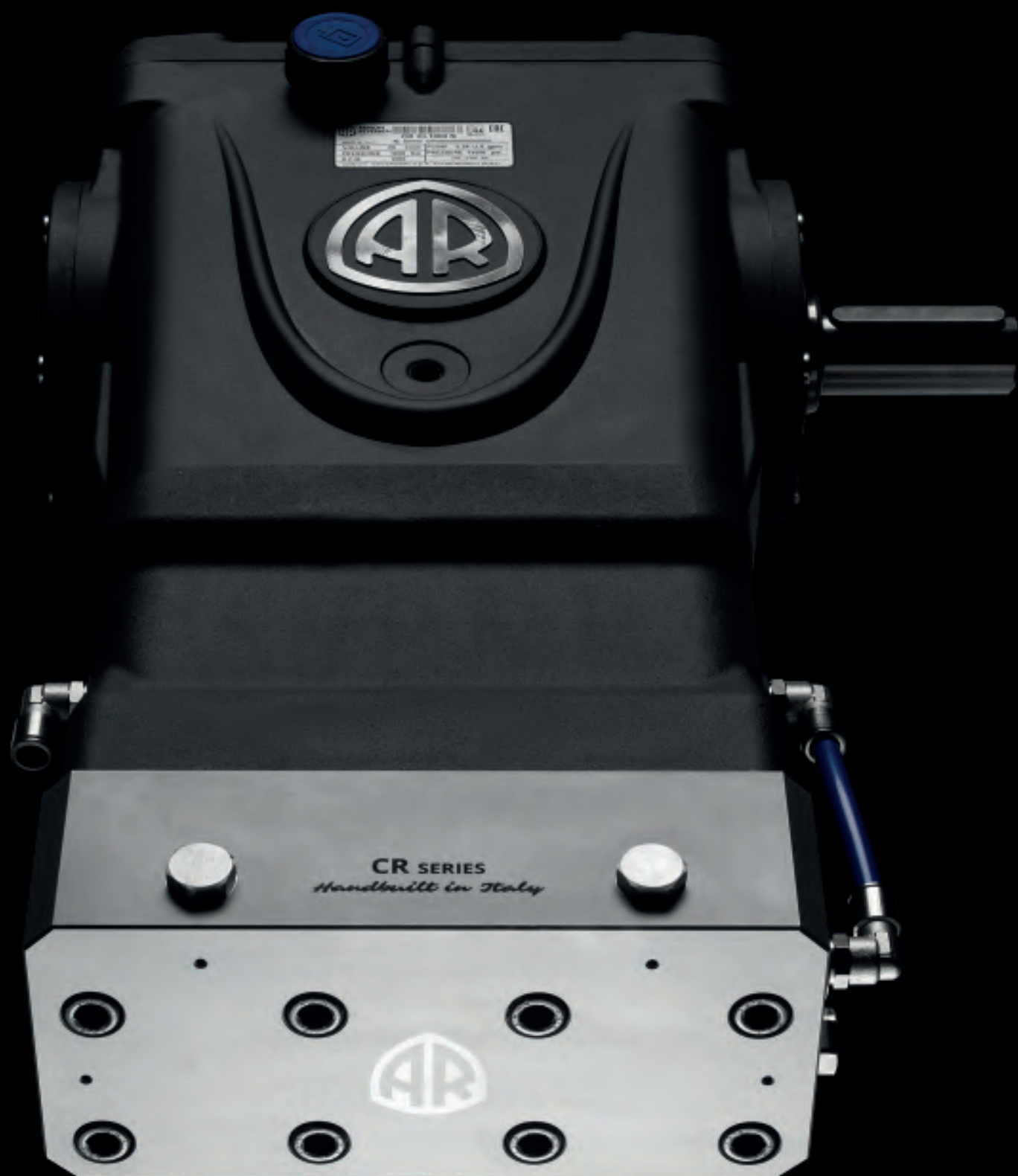
**CR SERIES Stainless Steel pump up to 1000 bar.**

- **High resistance forged alloy steel** crankshaft.
- **Low friction Bronze** connecting rods.
- Crankcase and covers in **anodised die-cast aluminium alloy.**
- **Lateral and back side oil sight glass.**
- **Splash lubrication.**
- **Tungsten carbide** plungers.
- **Double gasket sealing system.**
- **Cooling system for the high pressure seals** for a longer life.
- Pump head in high **resistance stainless steel.**
- **Inox** suctions/delivery valves with geometry designed to **reduce wear.**



**NEW**





# 418 SERIES

CR SERIES



Corpo e coperchi in alluminio pressofuso.

Specola livello olio laterale e posteriore

Circuito per il raffreddamento delle guarnizioni alta pressione per una maggiore durata.

Cuscinetti a rulli conici.

Bielle in bronzo.

Testa lavorata dal pieno in acciaio inox ad alta resistenza per raggiungere altissime prestazioni.

Pistoni in carburo di tungsteno.

Valvole aspirazione/mandata coassiali.

*Crankcase and cover in pressure die-cast aluminium alloy.*

*Lateral and back side oil sight glass.*

*Cooling system for the high pressure seals for a longer life.*

*Tapered roller bearings.*

*Bronze connecting rods.*

*Head machined from solid high resistance stainless steel billet for higher performances.*

*Tungsten carbide plungers.*

*In-line suction/delivery valves.*

## 418 Series

## POMPA ALBERO MASCHIO



**lavaggio  
industriale**  
*industrial  
cleaning*



**processi  
industriali**  
*industrial  
processes*



municipality



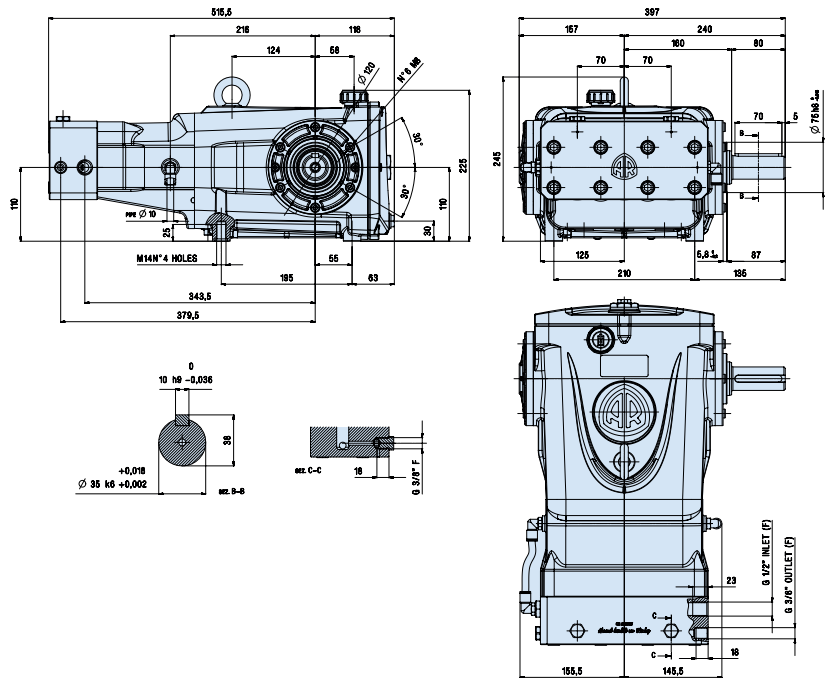
**pulizia  
tubazioni**  
*sewer  
jetting*



**cantieri ed  
edilizia**  
*construction  
industry*



**settore  
navale**  
*marine  
industry*



4188511

## N version

| MOD                       | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |    |
|---------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|------------|----|
|                           |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N° giri/1' | kg |
| CR 1000rpm Nversion Ø35mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |            |    |
| CR 15.1000 N DX           | 28512 | 15                                                                                         | 3,96                                                                                       | 1000                                                                                | 14500                                                                                            | 40 | 30 | 1000       | 62 |
| CR 18.1000 N DX           | 28511 | 18                                                                                         | 4,75                                                                                       | 1000                                                                                | 14500                                                                                            | 47 | 35 | 1000       | 62 |
| CR 20.1000 N DX           | 27803 | 20                                                                                         | 5,30                                                                                       | 1000                                                                                | 14500                                                                                            | 52 | 39 | 1000       | 62 |



**testa in  
acciaio inox**  
*inox pump  
head*



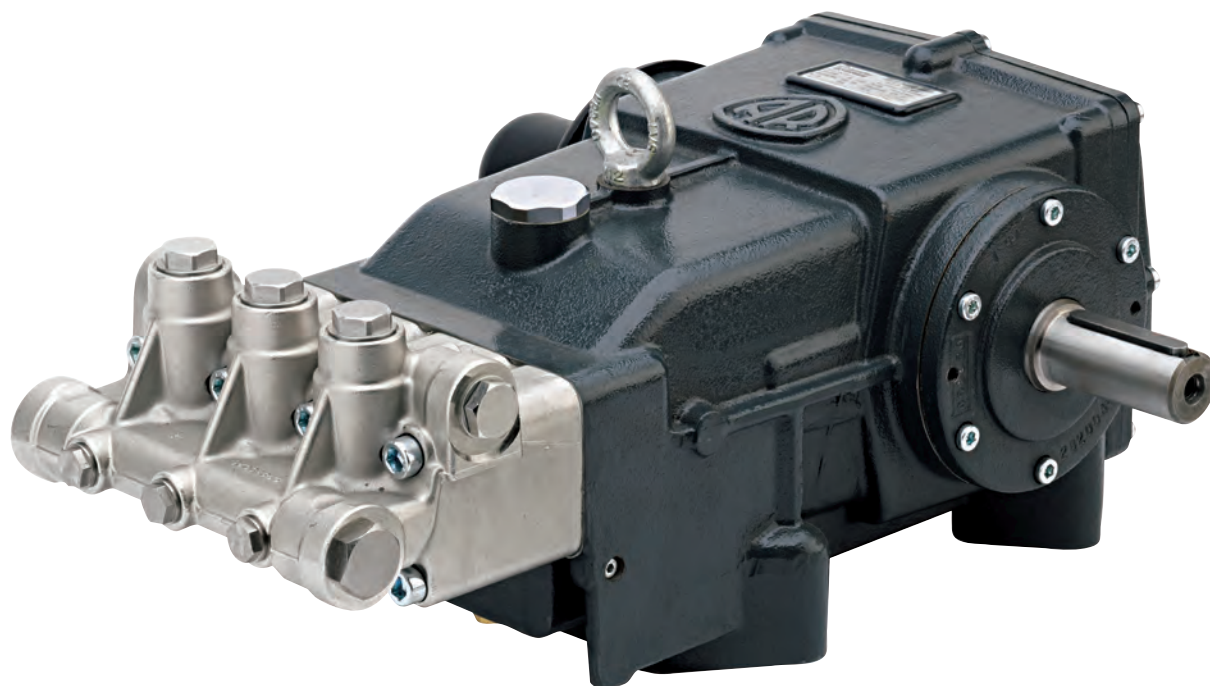
**bielle in  
bronzo**  
*bronze  
connecting-rods*

**NEW**



# 282 SERIES

RTP  
RTJ  
RTF



Corpo in ghisa.

Livello olio nel coperchio posteriore e tappo magnetico per recupero residui metallici.

Bielle in bronzo.

Albero passante.

Testa in ottone nichelato.

Triplo sistema di tenute acqua.

*Cast iron crankcase.*

*Back cover incorporated with oil sight glass. Magnetic discharge oil cap to attract all the microscopic metal particles arising from heavy duty usage.*

*Bronze connecting rods.*

*Through shaft.*

*Nickel-plated brass pump head.*

*Triple water seals.*

## 282 Series



## POMPA ALBERO MASCHIO



**lavaggio  
industriale**  
*industrial  
cleaning*



municipality



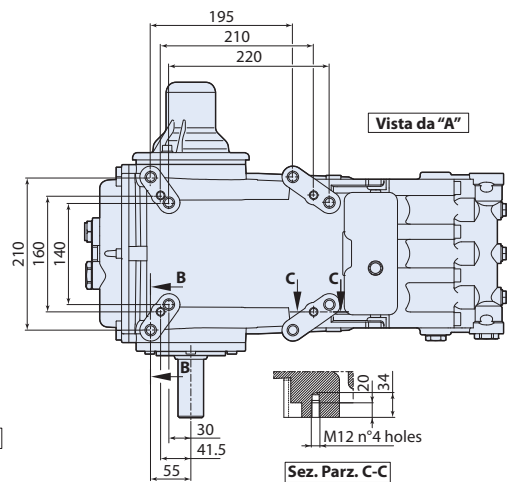
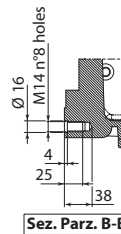
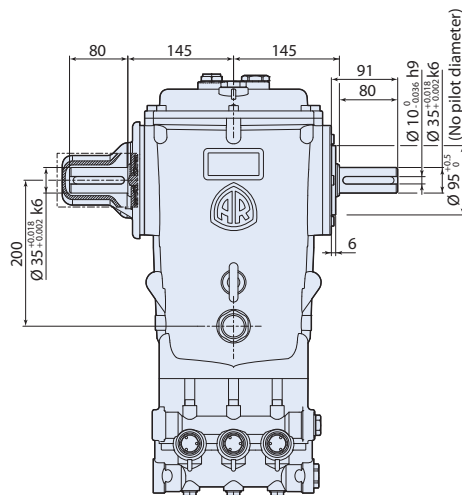
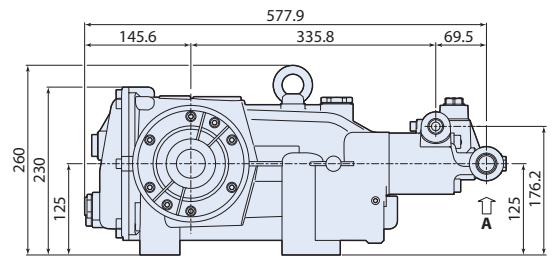
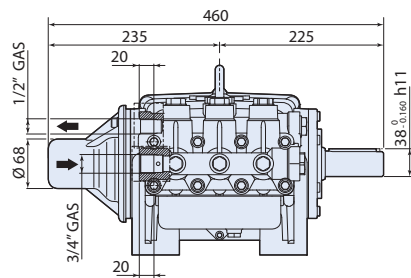
**pulizia  
tubazioni**  
*sewer  
jetting*



**cantieri ed  
edilizia**  
*construction  
industry*



**antincendio**  
*fire fighting*



## N version

| MOD                        | COD   | <br>MAX | <br>MAX |  | <br>NET |    |    |               |    |
|----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|----|----|---------------|----|
|                            |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                        | hp | kW | N°<br>giri/1' | kg |
| RTP 1000rpm Nversion Ø35mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                            |    |    |               |    |
| RTP 25.800 N AP            | 25141 | 25                                                                                         | 6,60                                                                                       | 800                                                                                 | 11603                                                                                      | 40 | 30 | 1000          | 78 |



**testa in  
AISI 420**  
*AISI 420  
pump head*



**bielle in  
bronzo**  
*bronze  
connecting-rods*

## N version

| MOD                        | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |               |    |
|----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|---------------|----|
|                            |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N°<br>giri/1' | kg |
| RTP 1000rpm Nversion Ø35mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |               |    |
| RTP 30.500 N AP            | 22215 | 30                                                                                         | 7,92                                                                                       | 500                                                                                 | 7250                                                                                             | 40 | 30 | 1000          | 78 |
| RTP 38.500 N AP            | 22216 | 38                                                                                         | 10                                                                                         | 500                                                                                 | 7250                                                                                             | 51 | 38 | 1000          | 78 |
| RTP 30.600 N AP *          | 22982 | 30                                                                                         | 7,92                                                                                       | 600                                                                                 | 8702                                                                                             | 48 | 36 | 1000          | 78 |



**testa  
nichelata**  
*nickel plated  
brass head*



**bielle in  
bronzo**  
*bronze  
connecting-rods*

\* A richiesta disponibile con testa in acciaio AISI 420.  
On request available AISI 420 stainless steel head.



# 282 series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio industriale**  
industrial cleaning



**processi industriali**  
industrial processes



**municipality**



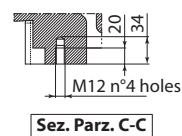
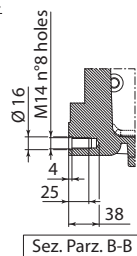
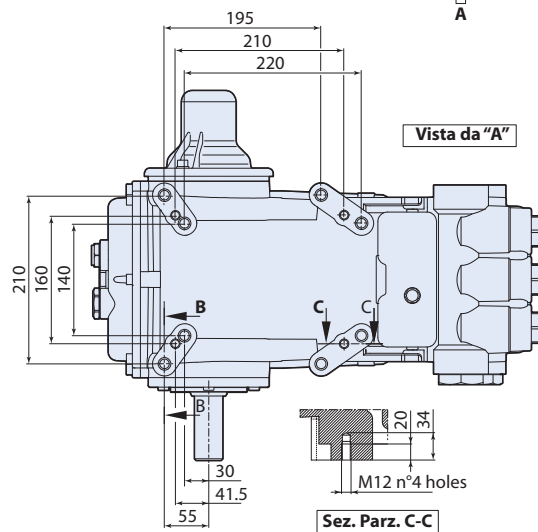
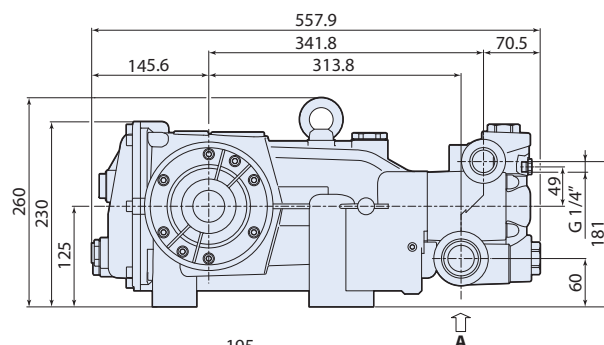
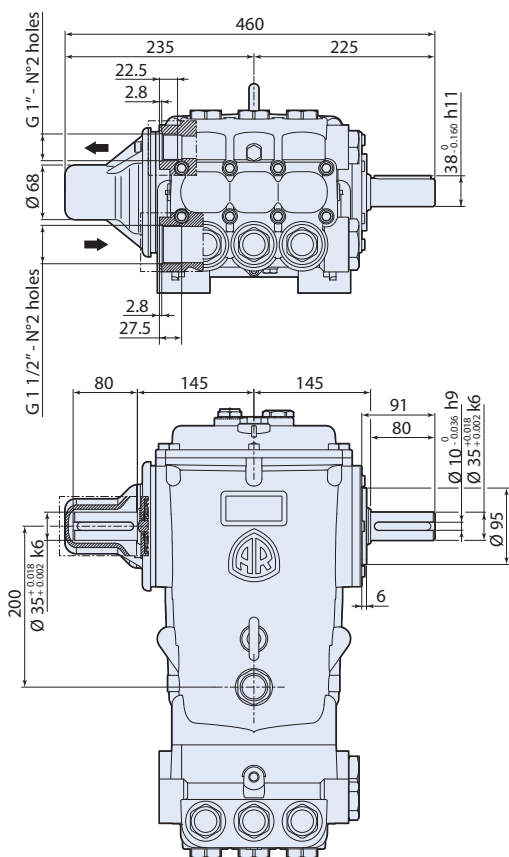
**pulizia tubazioni**  
sewer jetting



**cantieri ed edilizia**  
construction industry



**antincendio**  
fire fighting



2828502

## N version

| MOD                        | COD   |  |  |  |  |
|----------------------------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                            |       | l/min<br>gpm                                                                        | bar<br>psi                                                                          | hp<br>kW                                                                            | N°<br>giri/1'                                                                       |
| RTJ 1000rpm Nversion Ø35mm |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| RTJ 70.275 N AP            | 22817 | 70<br>18,5                                                                          | 275<br>4000                                                                         | 51<br>38                                                                            | 1000                                                                                |
|                            |       |                                                                                     |                                                                                     |                                                                                     | 90                                                                                  |



**testa nichelata**  
nickel plated  
brass head



**bielle in bronzo**  
bronze  
connecting-rods

# 282 Series

## POMPA ALBERO MASCHIO Solid shaft pump



**lavaggio  
industriale**  
industrial  
cleaning

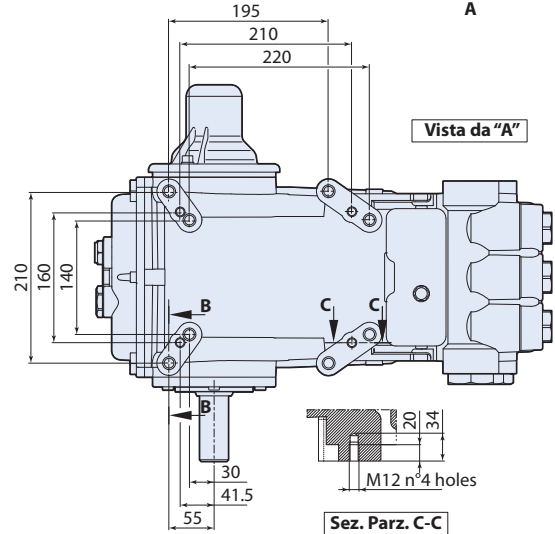
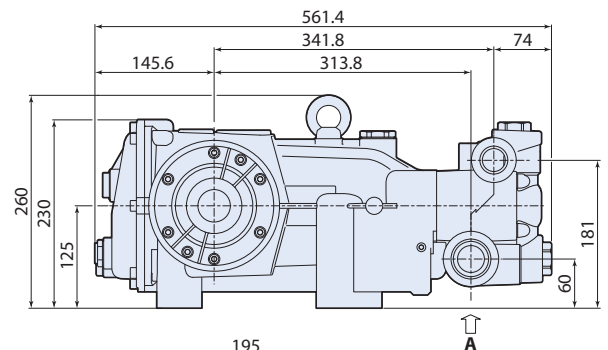
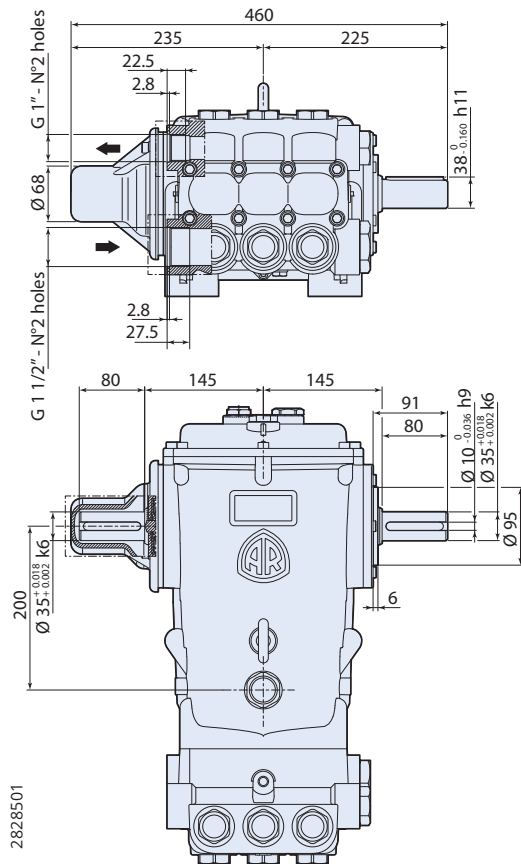


**autolavaggio municipality**  
car wash



**misting**

## CAR WASH



## N version

| MOD                       | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |               |    |
|---------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|---------------|----|
|                           |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N°<br>giri/1' | kg |
| RTF 800rpm Nversion Ø35mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |               |    |
| RTF 135.100 N AP          | 22217 | 135                                                                                        | 35,7                                                                                       | 100                                                                                 | 1450                                                                                             | 35 | 26 | 800           | 90 |
| RTF 150.100 N AP          | 24381 | 150                                                                                        | 39,6                                                                                       | 100                                                                                 | 1450                                                                                             | 39 | 29 | 800           | 90 |



**testa  
nichelata**  
nickel plated  
brass head



**bielle in  
bronzo**  
bronze  
connecting-rods



# STAINLESS STEEL

XM-SS  
XMA-SS  
RK-SS  
RKA-SS  
JK-SS

HYD RK-SS  
XWL-SS  
RTX-SS



## AISI 316 L

Corpo pompa in alluminio pressofuso e sottoposto poi a trattamento di verniciatura in cataforesi.

Testa lavorata dal pieno in acciaio AISI-316L per resistere ad atmosfere saline e acide.

Bielle in lega zinco-alluminio o in bronzo.

Albero in acciaio stampato e trattato termicamente per garantire elevata resistenza meccanica.

Pistoni in ceramica.

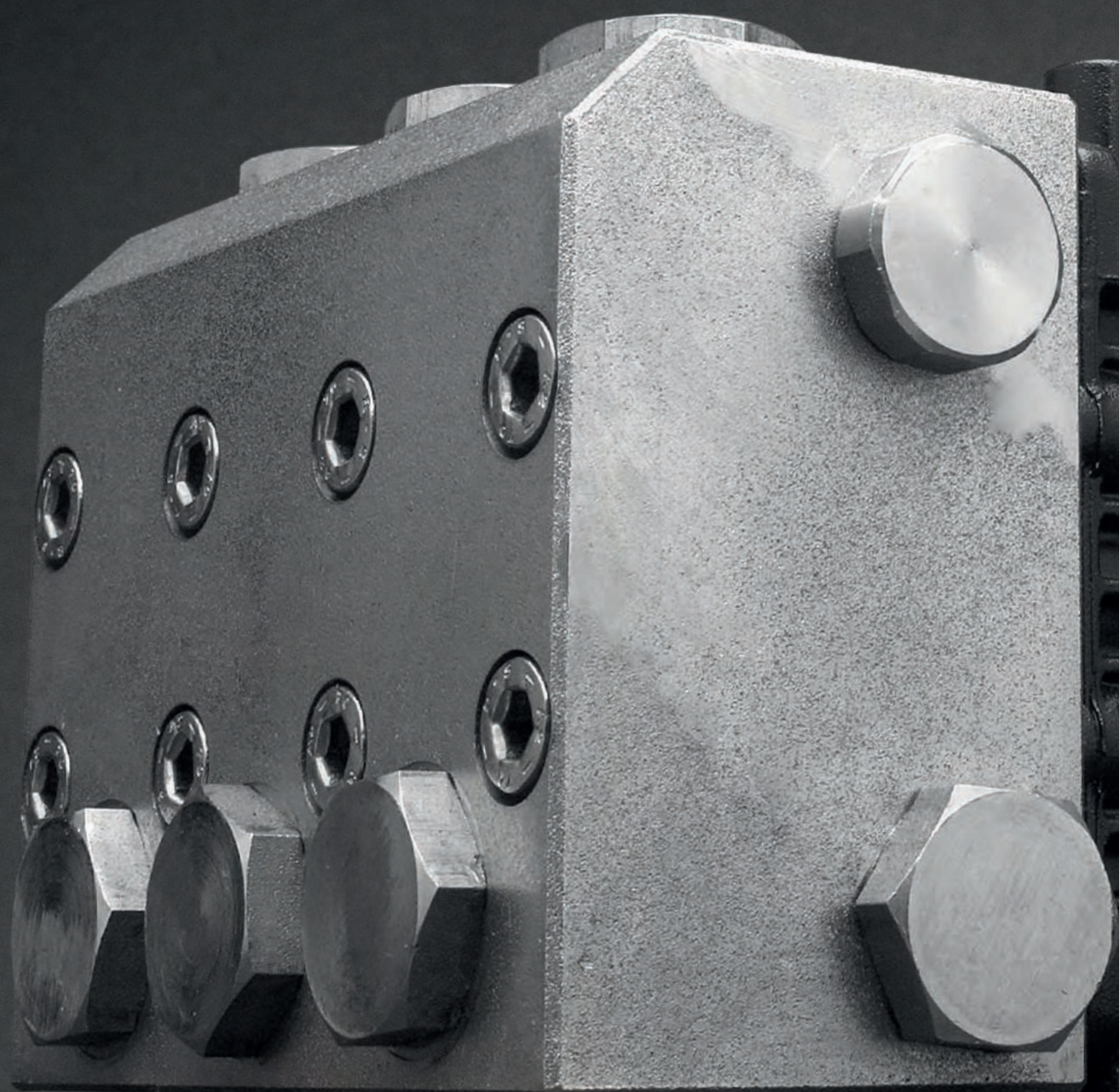
*Crankcase in pressure die-cast aluminium alloy with cataphoresis treatment.*

*Head machined from solid AISI 316L steel billet for resistance to saline and acid environments.*

*Connecting rods in pressure die-cast zinc-aluminium alloy. Bronze connecting rods available.*

*Shaft in heat-treated pressed steel for excellent mechanical strength.*

*Ceramic plungers.*







# Stainless Steel

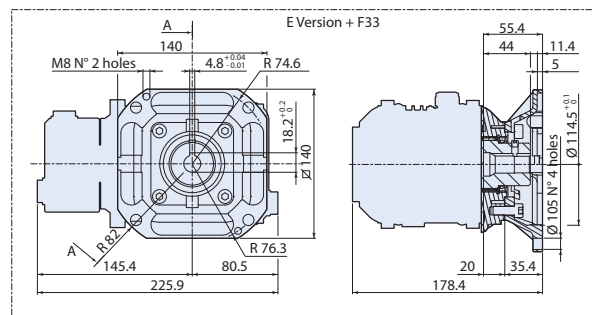
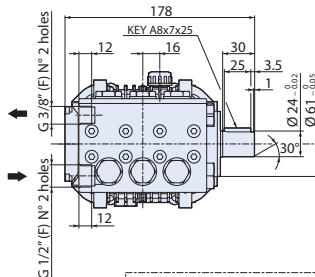
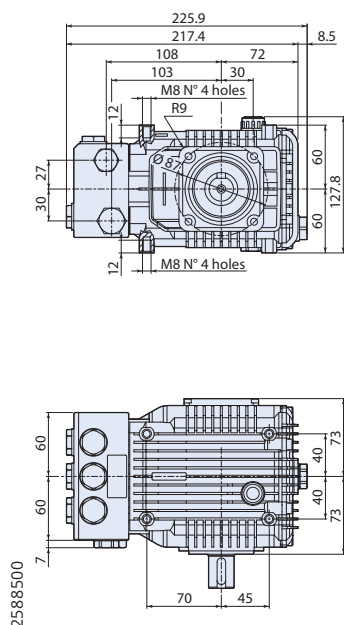
## POMPA ALBERO MASCHIO Solid shaft pump



industria  
alimentare  
food  
industry



settore  
navale  
marine  
industry



## N version

| MOD                            | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |     |               |    |
|--------------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|-----|---------------|----|
|                                |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW  | N°<br>giri/1' | kg |
| XM - SS 1450rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |     |               |    |
| XM-SS 11.17 N                  | 22124 | 11                                                                                         | 2,90                                                                                       | 170                                                                                 | 2500                                                                                             | 5  | 3,7 | 1450          | 7  |



testa in AISI  
316L  
AISI 316L  
pump head



bielle in  
bronzo  
bronze  
connecting-rods



## POMPA ALBERO CAVO Hollow shaft pump



industria  
alimentare  
food  
industry



settore  
navale  
marine  
industry

## E version + F33

| MOD                                  | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |               |    |
|--------------------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|---------------|----|
|                                      |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N°<br>giri/1' | kg |
| XMA-SS 1750rpm Eversion + F33 Ø 5/8" |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |               |    |
| XMA-SS 0.5G15 E + F33                | 21435 | 1,9                                                                                        | 0,5                                                                                        | 103                                                                                 | 1500                                                                                             | 0,6 | 0,4 | 1750          | 7  |
| XMA-SS 2.5G15 E + F33                | 21436 | 9,5                                                                                        | 2,5                                                                                        | 103                                                                                 | 1500                                                                                             | 2,5 | 1,8 | 1750          | 7  |
| XMA-SS 3G15 E + F33                  | 21437 | 11,4                                                                                       | 3                                                                                          | 103                                                                                 | 1500                                                                                             | 3   | 2,2 | 1750          | 7  |



testa in AISI  
316L  
AISI 316L  
pump head

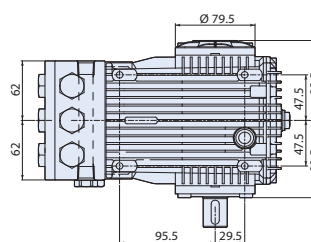
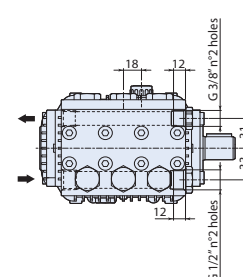
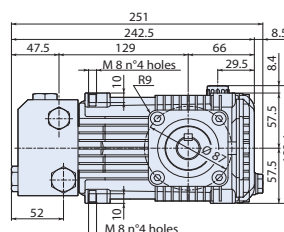


bielle in  
bronzo  
bronze  
connecting-rods

Flangia F33 per motori elettrici NEMA 56-C, 4 poli 60Hz. Flangia inclusa.  
F33 flange for electric motor NEMA 56-C, 4 poles 60Hz Flange included.



**settore  
navale**  
*marine  
industry*



2348500



**bielle in  
bronzo**  
*bronze  
connecting-rods*




**settore  
navale**  
*marine  
industry*

Technical drawing of a motor, showing a side view with dimensions 124 and 143.



**bielle in  
bronzo**  
mpbrnze  
connecting-rods

Flangia F16 per motori elettrici B14 Gr.100÷112 IEC34-7, 4 poli 50Hz. Flangia non inclusa.  
F16 flange for electric motor B14 100÷112 IEC34-7, 4 poles 50Hz. Flange not included.

2348511





# Stainless Steel

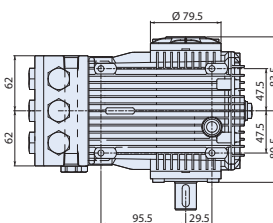
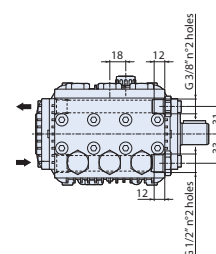
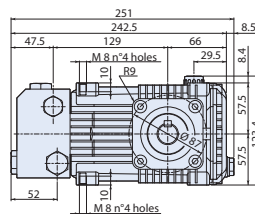
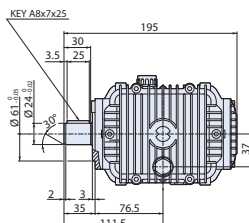
## POMPA ALBERO MASCHIO Solid shaft pump



industria  
alimentare  
food  
industry



settore  
navale  
marine  
industry



## N version

| MOD                           | COD   | <br>MAX | <br>MAX |  |  |     |     |            |    |
|-------------------------------|-------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----|-----|------------|----|
|                               |       | l/min                                                                                    | gpm                                                                                      | bar                                                                               | psi                                                                               | hp  | kW  | N° giri/1' | kg |
| RKA-SS 1750rpm Nversion Ø24mm |       |                                                                                          |                                                                                          |                                                                                   |                                                                                   |     |     |            |    |
| RKA-SS 2.3 G15 N              | 20964 | 8,7                                                                                      | 2,3                                                                                      | 103                                                                               | 1500                                                                              | 2,4 | 1,8 | 1750       | 10 |
| RKA-SS 3 G15 N                | 20965 | 11,4                                                                                     | 3                                                                                        | 103                                                                               | 1500                                                                              | 3   | 2,2 | 1750       | 10 |
| RKA-SS 3.6 G12 N              | 20966 | 13,6                                                                                     | 3,6                                                                                      | 83                                                                                | 1200                                                                              | 3   | 2,2 | 1750       | 10 |
| RKA-SS 4.2 G15 N              | 20967 | 15,9                                                                                     | 4,2                                                                                      | 103                                                                               | 1500                                                                              | 4,3 | 3,2 | 1750       | 10 |
| RKA-SS 7 G22 N                | 21195 | 27                                                                                       | 7,1                                                                                      | 150                                                                               | 2200                                                                              | 11  | 8,2 | 1750       | 10 |



testa in AISI  
316L  
AISI 316L  
pump head



bielle in  
bronzo  
bronze  
connecting-rods

2348500

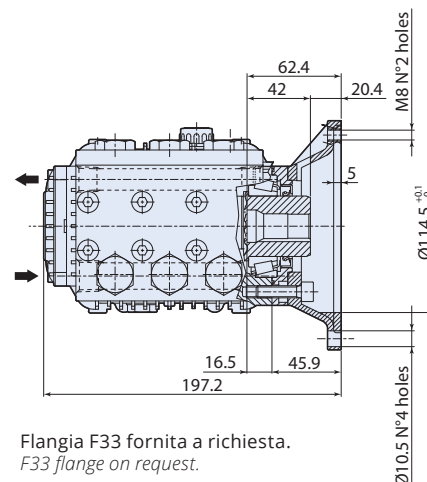
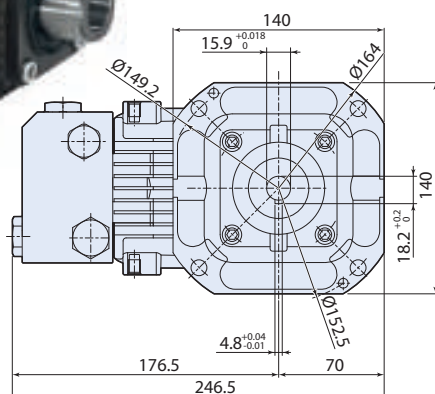


industria  
alimentare  
food  
industry

settore  
navale  
marine  
industry



2348501



Flangia F33 fornita a richiesta.  
F33 flange on request.

### E version

| MOD                             | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |               |    |
|---------------------------------|-------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|-----|-----|---------------|----|
|                                 |       | l/min                                                                                    | gpm                                                                                      | bar                                                                               | psi                                                                                            | hp  | kW  | N°<br>giri/1' | kg |
| RKA-SS 1750rpm E version Ø 5/8" |       |                                                                                          |                                                                                          |                                                                                   |                                                                                                |     |     |               |    |
| RKA-SS 2.3 G15 E                | 20968 | 8,7                                                                                      | 2,3                                                                                      | 103                                                                               | 1500                                                                                           | 2,4 | 1,8 | 1750          | 10 |
| RKA-SS 3 G15 E                  | 20969 | 11,4                                                                                     | 3                                                                                        | 103                                                                               | 1500                                                                                           | 3   | 2,2 | 1750          | 10 |
| RKA-SS 3.6 G12 E                | 20970 | 13,6                                                                                     | 3,6                                                                                      | 83                                                                                | 1200                                                                                           | 3   | 2,2 | 1750          | 10 |
| RKA-SS 4.2 G15 E                | 20971 | 15,9                                                                                     | 4,2                                                                                      | 103                                                                               | 1500                                                                                           | 4,3 | 3,2 | 1750          | 10 |



testa in AISI  
316L  
AISI 316L  
pump head



bielle in  
bronzo  
bronze  
connecting-rods

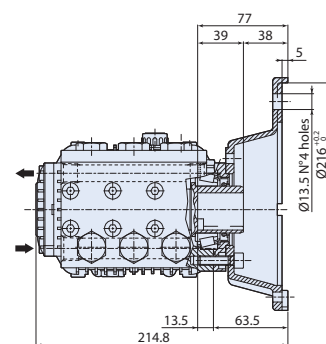
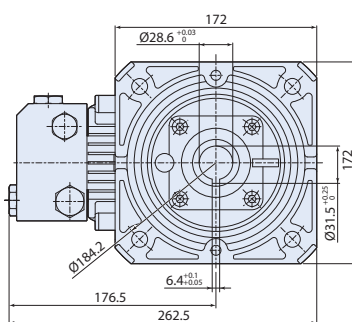
Flangia F33 per motori elettrici NEMA 56-C,  
4 poli 60Hz. Flangia non inclusa.  
F33 flange for electric motor NEMA 56-C, 4 poles  
60Hz Flange not included.

## POMPA ALBERO CAVO

Hollow shaft pump



2348502



Flangia F17 fornita a richiesta.  
F17 flange on request.



industria  
alimentare  
food  
industry

settore  
navale  
marine  
industry

### E version

| MOD                               | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |               |    |
|-----------------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|---------------|----|
|                                   |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N°<br>giri/1' | kg |
| RKA-SS 1750rpm E version Ø 1" 1/8 |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |               |    |
| RKA-SS 2.3 G15 E                  | 20972 | 8,7                                                                                        | 2,3                                                                                        | 103                                                                                 | 1500                                                                                             | 2,4 | 1,8 | 1750          | 10 |
| RKA-SS 3 G15 E                    | 20973 | 11,4                                                                                       | 3                                                                                          | 103                                                                                 | 1500                                                                                             | 3   | 2,2 | 1750          | 10 |
| RKA-SS 3.6 G12 E                  | 20974 | 13,6                                                                                       | 3,6                                                                                        | 83                                                                                  | 1200                                                                                             | 3   | 2,2 | 1750          | 10 |
| RKA-SS 4.2 G15 E                  | 20975 | 15,9                                                                                       | 4,2                                                                                        | 103                                                                                 | 1500                                                                                             | 4.3 | 3,2 | 1750          | 10 |



testa in AISI  
316L  
AISI 316L  
pump head



bielle in  
bronzo  
bronze  
connecting-rods

Flangia F17 per motori elettrici NEMA 182÷184,  
4 poli 60Hz. Flangia non inclusa.  
F17 Flange for electric motor NEMA 182÷184,  
4 poles 60Hz. Flange not included.



# Stainless Steel

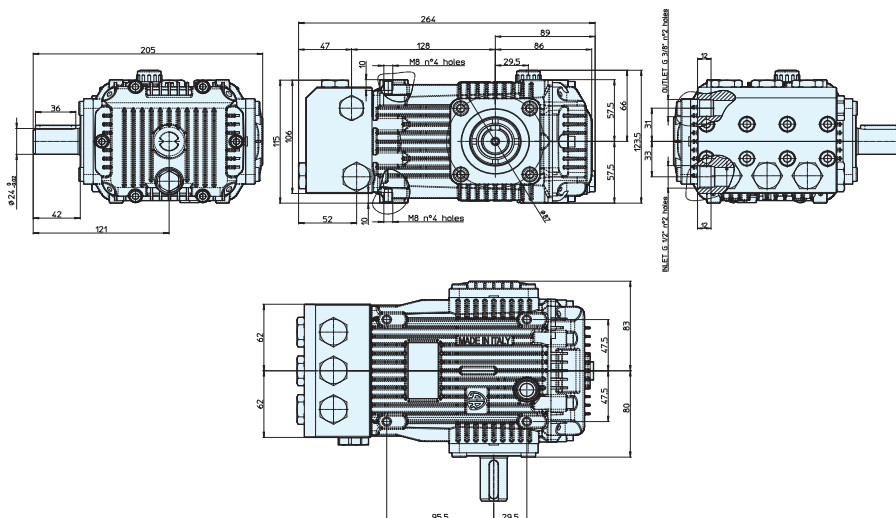
## POMPA ALBERO MASCHIO Solid shaft pump



industria  
alimentare  
food  
industry



settore  
navale  
marine  
industry



2348513

### N version

| MOD                            | COD   | <br>MAX | <br>MAX |  | <br>NET |     |     |            |    |
|--------------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----|-----|------------|----|
|                                |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                        | hp  | kW  | N° giri/1' | kg |
| JK - SS 1450rpm Nversion Ø24mm |       |                                                                                            |                                                                                            |                                                                                     |                                                                                            |     |     |            |    |
| JK-SS 15.15 N                  | 28326 | 15                                                                                         | 3,96                                                                                       | 150                                                                                 | 2200                                                                                       | 5,5 | 4   | 1450       | 10 |
| JK-SS 21.15 N                  | 28327 | 21                                                                                         | 5,55                                                                                       | 150                                                                                 | 2200                                                                                       | 7,5 | 5,5 | 1450       | 10 |



testa in AISI  
316L  
AISI 316L  
pump head



bielle in  
bronzo  
bronze  
connecting-rods



**Premium  
Series**  
LOW MAINTENANCE  
HIGH EFFICIENCY



municipality



settore  
navale  
marine  
industry



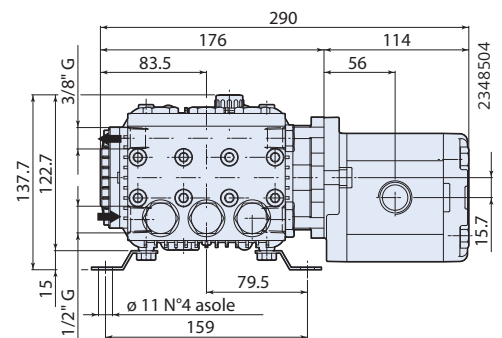
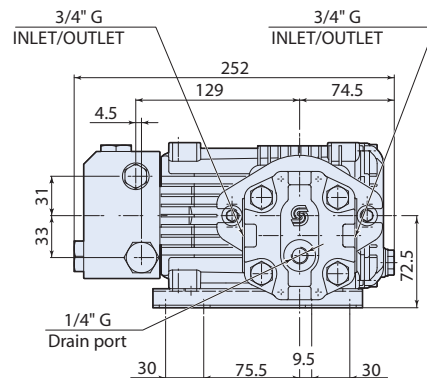
testa in AISI  
316L  
AISI 316L  
pump head



bielle in  
bronzo  
bronze  
connecting-rods



motore  
idraulico  
hydraulic  
drive



## HYD RK- SS

| MOD | COD | HP PISTON PUMP • POMPA A PISTONI                                                                             |                                                                                                              |                                                                                                              |                                                                                                |            |    | HYDRAULIC MOTOR • MOTORE IDRAULICO |     |     |                                                                                                                |                                                                                                                |                                                                                                                | <div><div>KG</div><div>NET</div></div> |
|-----|-----|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|------------|----|------------------------------------|-----|-----|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------|----------------------------------------|
|     |     | <div><div>MAX</div></div> | <div><div>MAX</div></div> | <div><div>RPM</div></div> | <div></div> |            |    | SAUER DANFOSS (*)                  |     |     | <div><div>MAX</div></div> | <div><div>MAX</div></div> | <div><div>RPM</div></div> |                                        |
|     |     | l/min                                                                                                        | gpm                                                                                                          | bar                                                                                                          | psi                                                                                            | N° giri/1' | hp | Type                               | Cod | cm³ | bar                                                                                                            | l/min                                                                                                          | N° giri/1'                                                                                                     | kg                                     |

### HYD RK-SS 1450rpm

|                 |              |    |      |     |      |      |     |                  |      |      |     |    |      |      |
|-----------------|--------------|----|------|-----|------|------|-----|------------------|------|------|-----|----|------|------|
| HYD RK-SS 21.15 | <b>21965</b> | 21 | 5,55 | 150 | 2200 | 1450 | 7,5 | SNM 2NN/019 BN06 | 4769 | 19,2 | 150 | 29 | 1450 | 13,5 |
|-----------------|--------------|----|------|-----|------|------|-----|------------------|------|------|-----|----|------|------|

\* A richiesta disponibili motori idraulici Casappa - Marzocchi.  
On request available Hydraulic Motor type: Casappa - Marzocchi.





# Stainless Steel

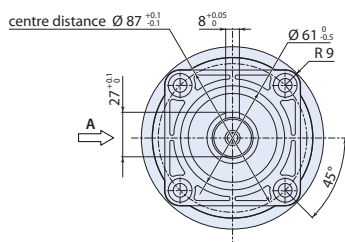
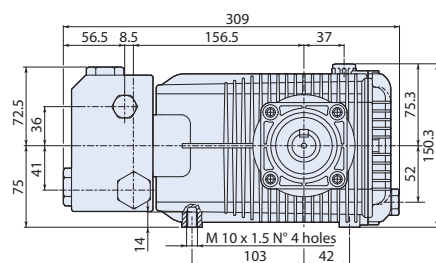
## POMPA ALBERO MASCHIO Solid shaft pump



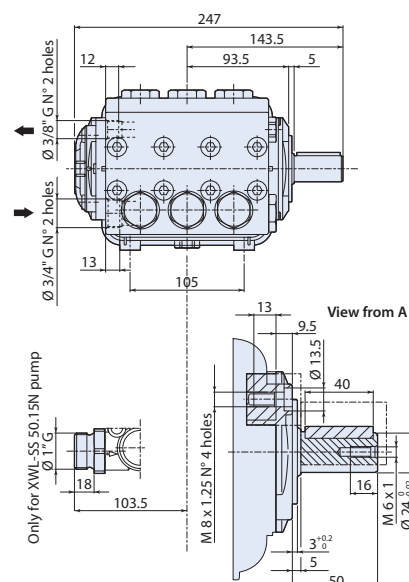
industria  
alimentare  
food  
industry



settore  
navale  
marine  
industry



2528500



Only for XWL-SS 50.15N pump

## N version

| MOD                             | COD   |  |  |  |  |
|---------------------------------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                 |       | l/min<br>gpm                                                                        | bar<br>psi                                                                          | hp<br>kW                                                                            | kg<br>NET                                                                           |
| XWL - SS 950rpm Nversion Ø24mm  |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| XWL-SS 33.06 N                  | 22831 | 33 8,72                                                                             | 60 900                                                                              | 5,5 4                                                                               | 950 18                                                                              |
| XWL-SS 33.08 N                  | 23141 | 33 8,72                                                                             | 80 1160                                                                             | 7,5 5,5                                                                             | 950 18                                                                              |
| XWL - SS 1450rpm Nversion Ø24mm |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |
| XWL-SS 26.06 N                  | 22478 | 26 6,87                                                                             | 60 900                                                                              | 4 3                                                                                 | 1450 18                                                                             |
| XWL-SS 30.09 N                  | 22752 | 30 7,92                                                                             | 90 1300                                                                             | 7,5 5,5                                                                             | 1450 18                                                                             |
| XWL-SS 42.05 N                  | 21468 | 42 11,09                                                                            | 50 725                                                                              | 5,5 4                                                                               | 1450 18                                                                             |
| XWL-SS 42.15 N                  | 21704 | 42 11,09                                                                            | 150 2200                                                                            | 15 11                                                                               | 1450 18                                                                             |
| XWL-SS 50.15 N *                | 24105 | 50 13,2                                                                             | 150 2200                                                                            | 20 15                                                                               | 1450 18                                                                             |

\* Minimo +0,1 bar (+1,5 psi) di pressione in entrata. • Min. +0,1 bar (+1,5 psi) inlet pressure.



testa in AISI  
316L  
AISI 316L  
pump head



bielle in  
alluminio  
aluminium  
connecting-rods

# Stainless Steel

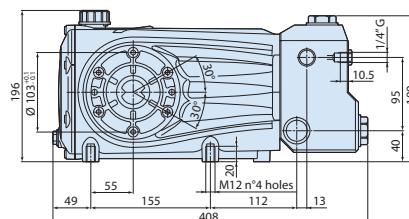
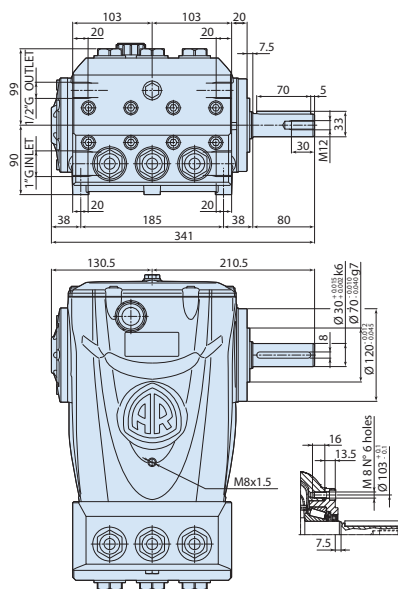
## POMPA ALBERO MASCHIO Solid shaft pump



industria  
alimentare  
food  
industry



settore  
navale  
marine  
industry



4048500

## N version

| MOD                                    | COD          |  MAX |  MAX |  |  |
|----------------------------------------|--------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|
|                                        |              | l/min gpm                                                                               | bar psi                                                                                 | hp kW                                                                               | N° giri/1' kg                                                                       |
| <b>RTX - SS 1450rpm Nversion Ø30mm</b> |              |                                                                                         |                                                                                         |                                                                                     |                                                                                     |
| RTX-SS 100.100 N                       | <b>26136</b> | 100 26,4                                                                                | 100 1450                                                                                | 24 18                                                                               | 1450 39                                                                             |



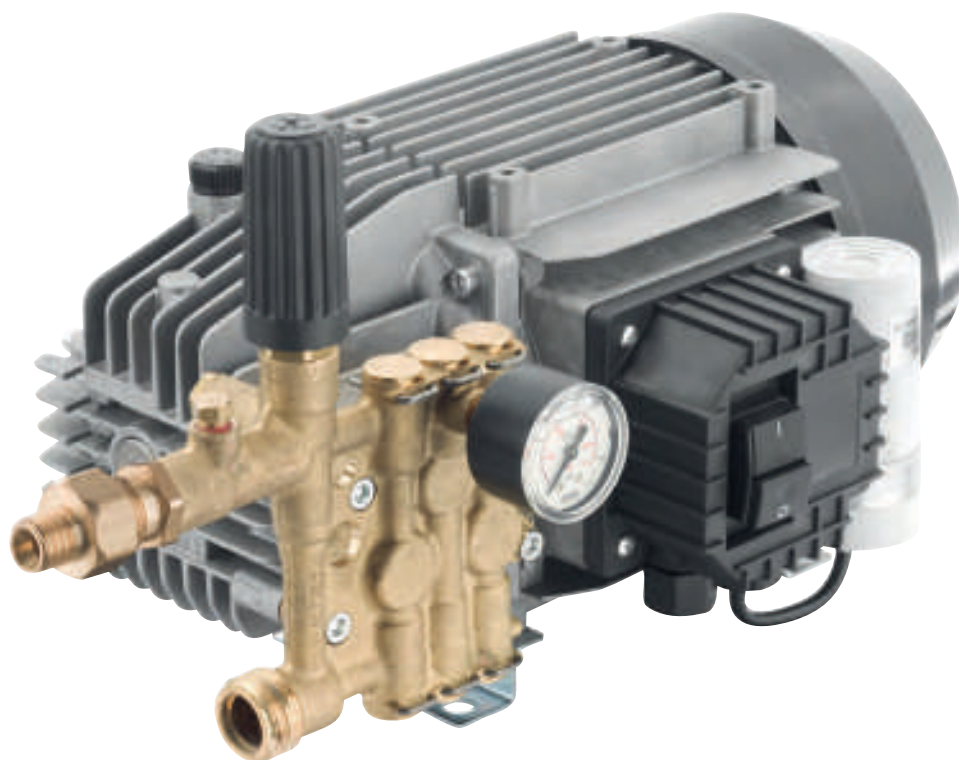
testa in AISI  
316L  
AISI 316L  
pump head



bielle in  
alluminio  
aluminium  
connecting-rods

# ADDITIONAL ELECTRIC MOTOR

HPV  
HPV-O  
HPV-MO  
HPE  
HPE-M



Corpo in lega di alluminio ad alta resistenza.

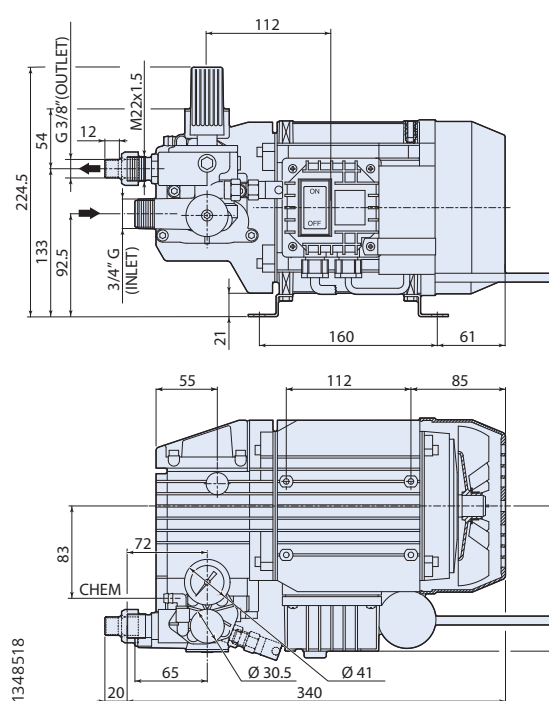
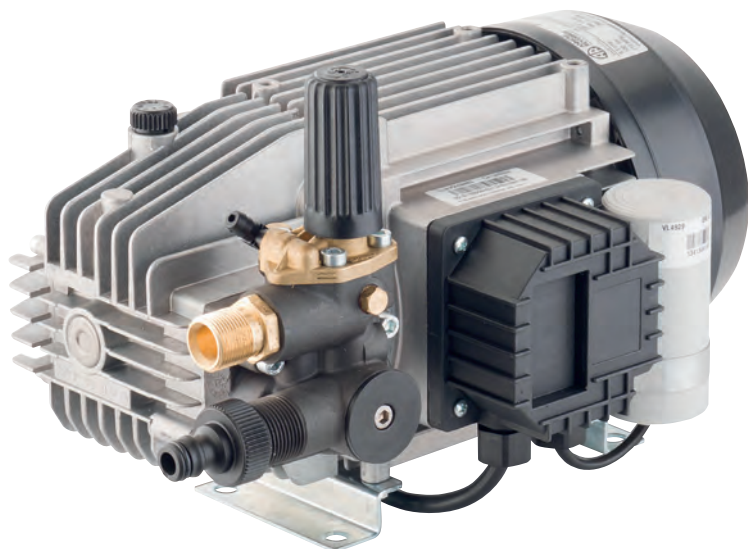
Testa in ottone o alluminio.

*Crankcase in high-strength aluminium alloy.*

*Pump head in brass or aluminium.*



idropulitrici  
pressure  
washers



Manometro e interruttore forniti a richiesta.  
Pressure gauge and switch on request.

| MOD                | COD          | MAX   | MAX  |     |      |     |     |            |                  |      |
|--------------------|--------------|-------|------|-----|------|-----|-----|------------|------------------|------|
|                    | 1 ~          | l/min | gpm  | bar | psi  | hp  | kW  | N° giri/1' | V                | kg   |
| <b>HPV 2800rpm</b> |              |       |      |     |      |     |     |            |                  |      |
| HPV 8.11 EM        | <b>20463</b> | 8,5   | 2,25 | 100 | 1450 | 2   | 1,5 | 2800       | 230 <sup>a</sup> | 13,8 |
| HPV 11.07 EM       | <b>9253</b>  | 11    | 2,90 | 70  | 1000 | 1,8 | 1,3 | 2800       | 230 <sup>a</sup> | 13,8 |
| <b>HPV 1750rpm</b> |              |       |      |     |      |     |     |            |                  |      |
| HPV 2 G15 EM       | <b>9256</b>  | 8     | 2,11 | 100 | 1450 | 2   | 1,5 | 1750       | 115 <sup>b</sup> | 14   |

a) 1 ~ 50 Hz  
b) 1 ~ 60 Hz



**1~50Hz**  
frequenza motore  
motor frequency



**1~60Hz**  
frequenza motore  
motor frequency



**testa in alluminio**  
aluminium head



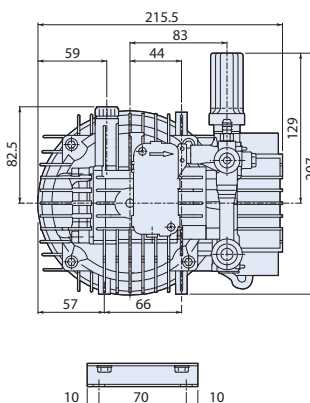
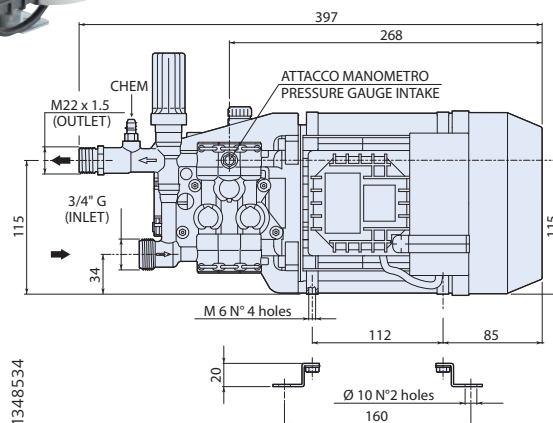
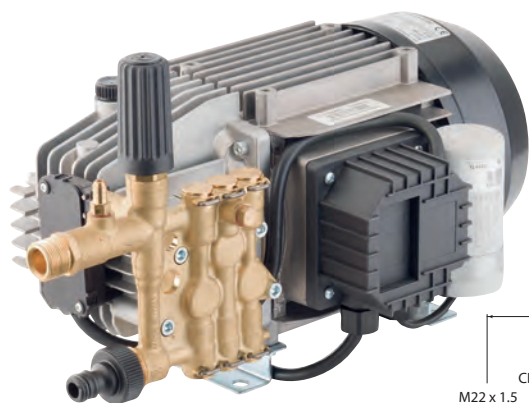


## Additional Electric Motor

## ELECTRIC MOTOR-PUMP UNITS



idropulitrici  
pressure  
washers



| MOD                | COD   | <br>MAX | <br>MAX |  |      |     |     | <br>KG<br>NET |          |    |
|--------------------|-------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------|-----|-----|--------------------------------------------------------------------------------------------------|----------|----|
|                    | 1 ~   | l/min                                                                                    | gpm                                                                                      | bar                                                                               | psi  | hp  | kW  | N° giri/1'                                                                                       | V 1-50Hz | kg |
| HPV-O 2800rpm      |       |                                                                                          |                                                                                          |                                                                                   |      |     |     |                                                                                                  |          |    |
| HPV-O 8.13 TSS EM  | 23851 | 8                                                                                        | 2,11                                                                                     | 130                                                                               | 1900 | 2,5 | 2   | 2800                                                                                             | 230      | 15 |
| HPV-O 8.15 TSS EM  | 25047 | 8                                                                                        | 2,11                                                                                     | 150                                                                               | 2200 | 3   | 2,2 | 2800                                                                                             | 230      | 17 |
| HPV-O 11.09 TSS EM | 23906 | 11                                                                                       | 2,90                                                                                     | 90                                                                                | 1300 | 2,5 | 2   | 2800                                                                                             | 230      | 15 |



testa in  
ottone  
brass  
head



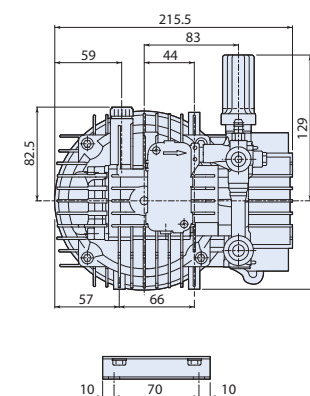
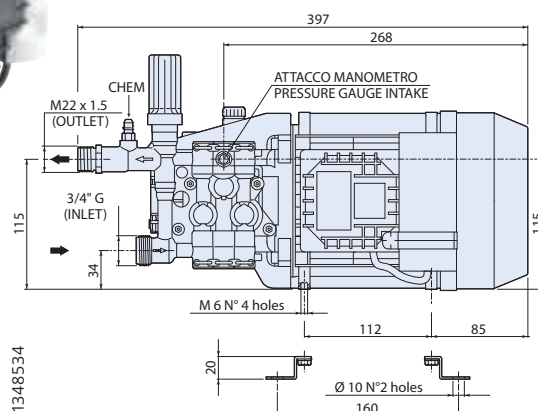
frequenza  
motore  
motor  
frequency



## ELECTRIC MOTOR-PUMP UNITS



misting



| MOD              | COD   | <br>MAX | <br>MAX |  |      |     |     |               | <br>KG<br>NET |      |
|------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|-----|-----|---------------|----------------------------------------------------------------------------------------------------|------|
|                  | 1 ~   | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi  | hp  | kW  | N°<br>giri/1' | V 1-50Hz                                                                                           | kg   |
| HPV-MO 1450rpm   |       |                                                                                            |                                                                                            |                                                                                     |      |     |     |               |                                                                                                    |      |
| HPV-MO 1,3.10 EM | 23907 | 1,3                                                                                        | 0,34                                                                                       | 100                                                                                 | 1450 | 0,8 | 0,6 | 1450          | 230                                                                                                | 14,5 |



testa in  
ottone  
brass  
head



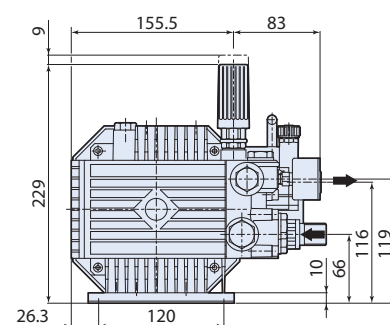
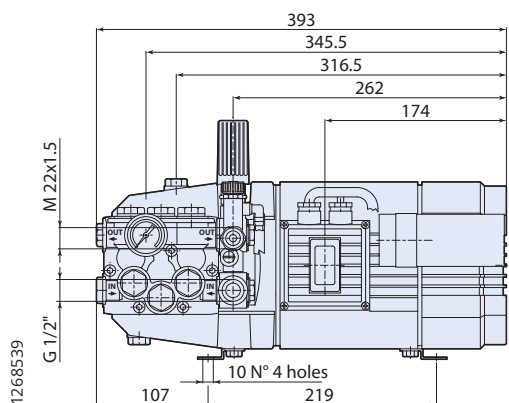
frequenza  
motore  
motor  
frequency



idropulitrici  
pressure  
washers



● Model brass head



Valvole di regolazione a richiesta.  
Regulating valve on request.  
Manometro fornito a richiesta.  
Pressure gauge on request.

| MOD                | COD         |             |             |      |      |      |      |     |            |          |          |      |
|--------------------|-------------|-------------|-------------|------|------|------|------|-----|------------|----------|----------|------|
|                    | 1 ~         | 3 ~         | l/min       | gpm  | bar  | psi  | hp   | kW  | N° giri/1' | V 1-50Hz | V 3-50Hz | kg   |
| <b>HPE 1450rpm</b> |             |             |             |      |      |      |      |     |            |          |          |      |
| HPE 8.12 A EM      | <b>8607</b> | -           | 8           | 2,11 | 120  | 1740 | 2,5  | 1,8 | 1450       | 230      | -        | 19,2 |
| HPE 8.12 A ET      | -           | <b>8608</b> | 8           | 2,11 | 120  | 1740 | 2,5  | 1,8 | 1450       | -        | 230/400  | 19,2 |
| ● HPE 8.14 ET      | ●           | -           | <b>8598</b> | 8    | 2,11 | 140  | 2000 | 3   | 2,2        | 1450     | -        | 22,5 |
| HPE 9.11 EM        | ●           | <b>8509</b> | -           | 9    | 2,37 | 110  | 1600 | 2,5 | 1,8        | 1450     | 230      | 19,2 |
| HPE 9.11 ET        | ●           | -           | <b>8510</b> | 9    | 2,37 | 110  | 1600 | 2,5 | 1,8        | 1450     | -        | 19,2 |
| ● HPE 9.14 ET      | ●           | -           | <b>8502</b> | 9    | 2,37 | 140  | 2000 | 3   | 2,2        | 1450     | -        | 22,5 |
| HPE 10.10 EM       | ●           | <b>8619</b> | -           | 10   | 2,64 | 100  | 1450 | 2,5 | 1,8        | 1450     | 230      | 19,2 |
| HPE 10.10 ET       | ●           | -           | <b>8620</b> | 10   | 2,64 | 100  | 1450 | 2,5 | 1,8        | 1450     | -        | 21,5 |
| HPE 10.12 A ET     | ●           | -           | <b>8622</b> | 10   | 2,64 | 120  | 1740 | 3   | 2,2        | 1450     | -        | 21,5 |
| HPE 11.09 EM       | ●           | <b>8506</b> | -           | 11   | 2,90 | 90   | 1300 | 2,5 | 1,8        | 1450     | 230      | 19,2 |
| HPE 11.09 ET       | ●           | -           | <b>8508</b> | 11   | 2,90 | 90   | 1300 | 2,5 | 1,8        | 1450     | -        | 21,5 |
| HPE 11.11 ET       | ●           | -           | <b>8552</b> | 11   | 2,90 | 110  | 1600 | 3   | 2,2        | 1450     | -        | 21,5 |
| HPE 13.10 ET       | ●           | -           | <b>8548</b> | 13   | 3,43 | 100  | 1450 | 3   | 2,2        | 1450     | -        | 21,5 |



● testa in  
ottone  
brass  
head



● bielle in  
bronzo  
bronze  
connecting-rods



testa in  
alluminio  
aluminium  
head



bielle in  
alluminio  
aluminium  
connecting-rods



1~50Hz  
frequenza  
motore  
motor  
frequency



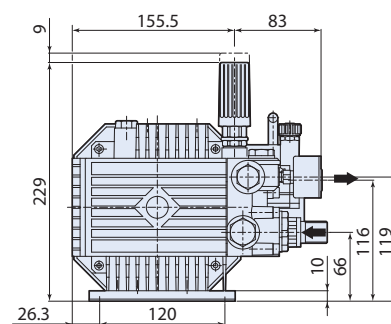
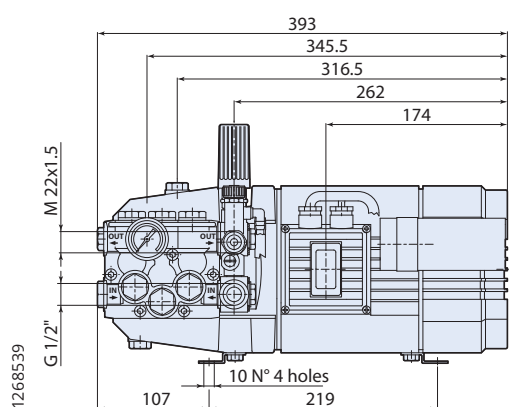
3~50Hz  
frequenza  
motore  
motor  
frequency



**idropultrici**  
pressure  
washers



- Model brass head



Valvole di regolazione a richiesta.

Regulating valve on request.

Manometro fornito a richiesta.

Pressure gauge on request.

| MOD            | COD    | <br>MAX | <br>MAX |  | <br>NET |     |     |            |          |      |
|----------------|--------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------|-----|-----|------------|----------|------|
|                | 1 ~    | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                          | hp  | kW  | N° giri/1' | V 1~60Hz | kg   |
| HPE 1750rpm    |        |                                                                                            |                                                                                            |                                                                                     |                                                                                              |     |     |            |          |      |
| HPE 2 G15 EM   | 8522   | 8                                                                                          | 2,11                                                                                       | 100                                                                                 | 1450                                                                                         | 2   | 1,5 | 1750       | 115      | 21,5 |
| HPE 2 G15 EM   | 21849  | 8                                                                                          | 2,11                                                                                       | 100                                                                                 | 1450                                                                                         | 2   | 1,5 | 1750       | 230      | 21,5 |
| ● HPE 2 G18 EM | 8525   | 8                                                                                          | 2,11                                                                                       | 120                                                                                 | 1740                                                                                         | 2,5 | 1,8 | 1750       | 230      | 21,5 |
| HPE 3 G13 EM   | ● 8534 | 11,4                                                                                       | 3                                                                                          | 90                                                                                  | 1300                                                                                         | 2,5 | 1,8 | 1750       | 230      | 22   |
| HPE 3.5 G10 EM | 8678   | 13,1                                                                                       | 3,5                                                                                        | 70                                                                                  | 1000                                                                                         | 2,5 | 1,8 | 1750       | 230      | 21,5 |



● **testa in  
ottone**  
*brass  
head*



○ **bielle in bronzo**  
bronze  
connecting-rods



**testa in  
alluminio**  
*aluminium  
head*



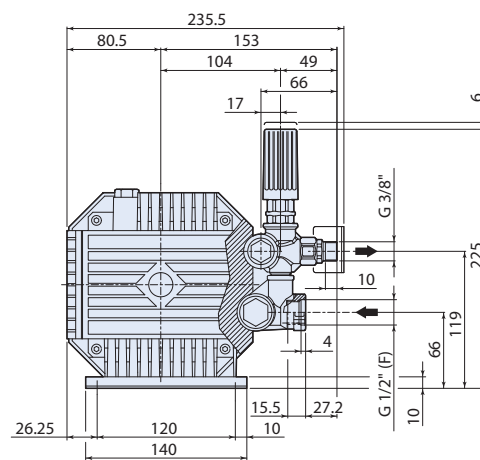
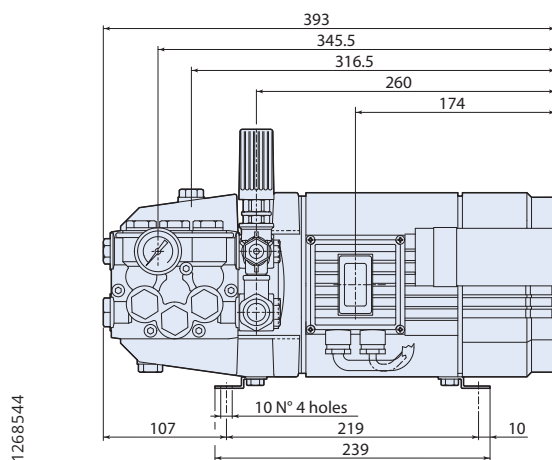
**bielle in  
alluminio**  
*aluminium  
connecting-rods*



**frequenza  
motore**  
*motor  
frequency*



misting



| MOD            | COD   | <br>MAX | <br>MAX |  |      |     |      |               |          |    | <br>kg<br>NET |
|----------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|-----|------|---------------|----------|----|----------------------------------------------------------------------------------------------------|
|                | 1 ~   | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi  | hp  | kW   | N°<br>giri/1' | V 1-50Hz | kg |                                                                                                    |
| HPE-M 1450rpm  |       |                                                                                            |                                                                                            |                                                                                     |      |     |      |               |          |    |                                                                                                    |
| HPE-M 02.08 EM | 22096 | 2                                                                                          | 0,52                                                                                       | 80                                                                                  | 1145 | 0,5 | 0,35 | 1450          | 230      | 22 |                                                                                                    |
| HPE-M 04.08 EM | 22097 | 4                                                                                          | 1,06                                                                                       | 80                                                                                  | 1145 | 1   | 0,7  | 1450          | 230      | 22 |                                                                                                    |
| HPE-M 06.08 EM | 22838 | 6                                                                                          | 1,58                                                                                       | 80                                                                                  | 1145 | 1   | 0,7  | 1450          | 230      | 22 |                                                                                                    |
| HPE-M 08.08 EM | 22098 | 8                                                                                          | 2,11                                                                                       | 80                                                                                  | 1145 | 1,8 | 1,35 | 1450          | 230      | 22 |                                                                                                    |
| HPE-M 11.07 EM | 22895 | 11                                                                                         | 2,90                                                                                       | 70                                                                                  | 1015 | 2,2 | 1,65 | 1450          | 230      | 22 |                                                                                                    |
| HPE-M 13.06 EM | 22896 | 13                                                                                         | 3,43                                                                                       | 60                                                                                  | 870  | 2,2 | 1,65 | 1450          | 230      | 22 |                                                                                                    |



testa in  
ottone  
brass  
head



bielle in  
bronzo  
bronze  
connecting-rods



1~50Hz  
frequenza  
motore  
motor  
frequency

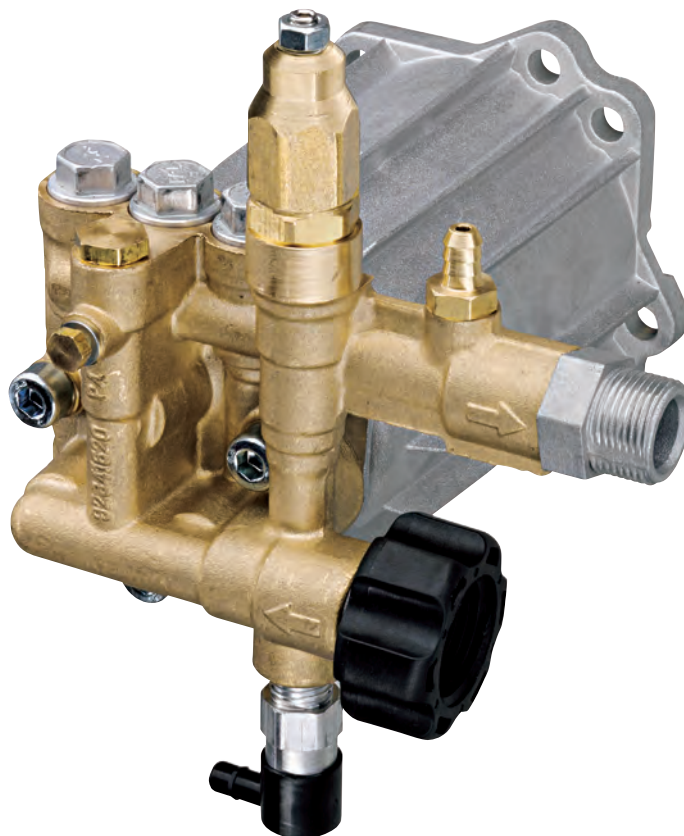


# WOBBLE PLATE

RPV  
RPW  
RMV  
RMW  
RQV  
RQW

RXV  
XJS  
SJS  
SJV  
XJS+F39  
HYD-XJS

HRM-O  
HRM-MO  
HPJ



Corpo in lega di alluminio ad alta resistenza.

*Crankcase in high-strength aluminium alloy.*

Piattello oscillante in lega di alluminio con trattamento antiusura.

*Wobble plate in aluminium alloy with a special wear-resistant coating.*

Testa in ottone o alluminio.

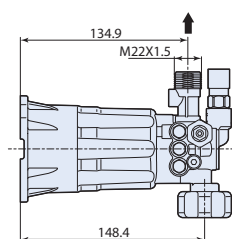
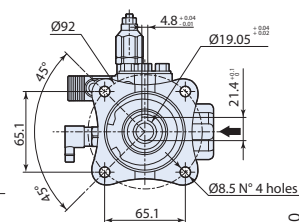
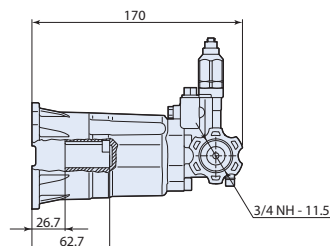
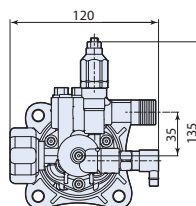
*Pump head in brass or aluminium.*

# Wobble Plate

## POMPA ALBERO CAVO Hollow shaft pump



idropulitrici  
pressure  
washers



3828500

### D version

| MOD                         | COD   | <br>MAX | <br>MAX |  |  |     |    |            |     |
|-----------------------------|-------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|-----|----|------------|-----|
|                             |       | l/min                                                                                    | gpm                                                                                      | bar                                                                               | psi                                                                               | hp  | kW | N° giri/1' | kg  |
| RPV 3400rpm Dversion Ø 3/4" |       |                                                                                          |                                                                                          |                                                                                   |                                                                                   |     |    |            |     |
| RPV 2 G19 D                 | 24965 | 7,6                                                                                      | 2                                                                                        | 130                                                                               | 1900                                                                              | 2,7 | 2  | 3400       | 2,5 |



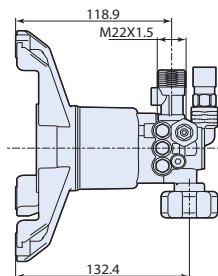
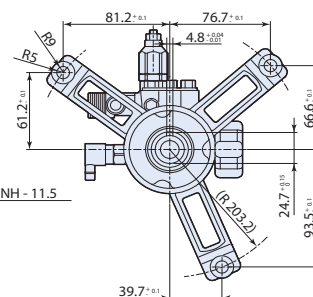
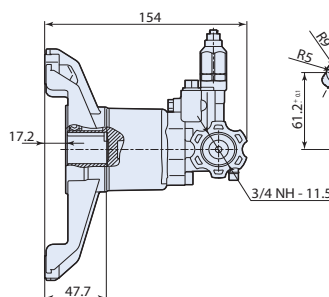
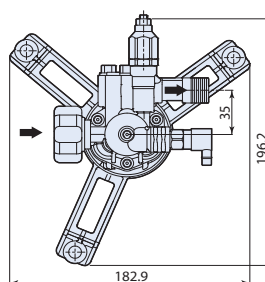
testa in  
alluminio  
aluminium  
head

Per motori scoppio  
flangia Ø 3/4" SAE  
J609a.  
For gasoline engine flange  
Ø 3/4" SAE J609a.

## POMPA ALBERO CAVO Hollow shaft pump



idropulitrici  
pressure  
washers



3828501

### D version

| MOD                         | COD   | <br>MAX | <br>MAX |  | <br>NET |     |    |            |     |
|-----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-----|----|------------|-----|
|                             |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                        | hp  | kW | N° giri/1' | kg  |
| RPW 3400rpm Dversion Ø 7/8" |       |                                                                                            |                                                                                            |                                                                                     |                                                                                            |     |    |            |     |
| RPW 2 G19 D                 | 24966 | 7,6                                                                                        | 2                                                                                          | 130                                                                                 | 1900                                                                                       | 2,7 | 2  | 3400       | 2,5 |



testa in  
alluminio  
aluminium  
head

Impiego con motori scoppio ad albero verticale.  
For direct coupling to vertical engine.

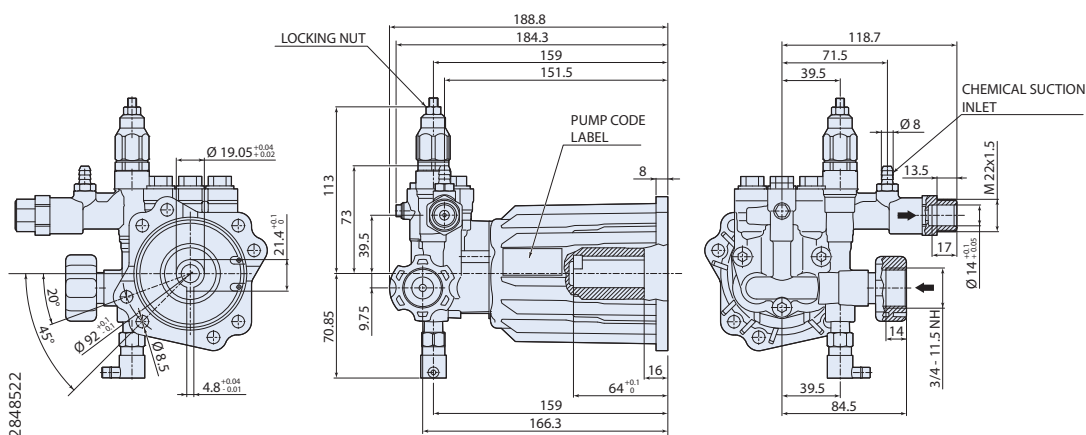
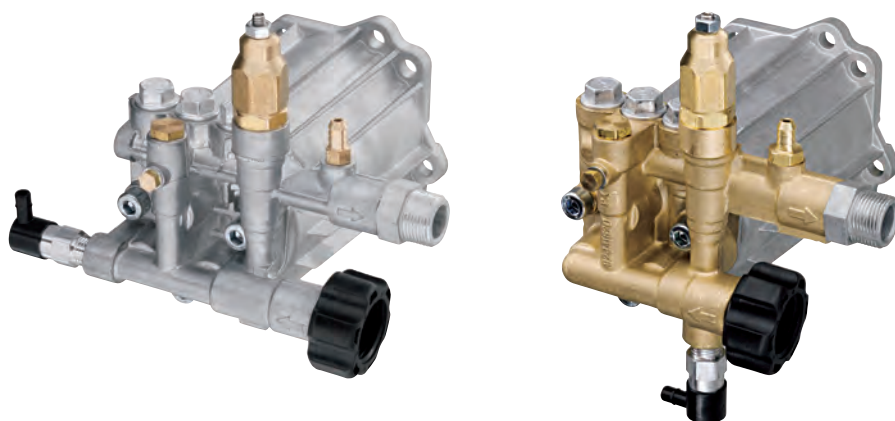


# Wobble Plate

POMPA ALBERO CAVO  
Hollow shaft pump



idropultrici  
pressure  
washers



## D version

| MOD                         | COD   | <br>MAX | <br>MAX |  |  |     |     |            |     |
|-----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|-----|------------|-----|
|                             |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                 | hp  | kW  | N° giri/1' | kg  |
| RMV 3400rpm Dversion Ø 3/4" |       |                                                                                            |                                                                                            |                                                                                     |                                                                                     |     |     |            |     |
| RMV 2 G20 D                 | 25107 | 7,6                                                                                        | 2                                                                                          | 140                                                                                 | 2000                                                                                | 2,9 | 2,2 | 3400       | 2,5 |
| RMV 2.2 G24 D               | 24823 | 8,3                                                                                        | 2,2                                                                                        | 165                                                                                 | 2400                                                                                | 3,8 | 2,8 | 3400       | 2,5 |
| ● RMV 2 G23 D               | 25108 | 7,6                                                                                        | 2                                                                                          | 160                                                                                 | 2300                                                                                | 3,4 | 2,5 | 3400       | 4   |
| ● RMV 2.5 G26 D             | 25109 | 9,5                                                                                        | 2,5                                                                                        | 180                                                                                 | 2600                                                                                | 4,8 | 3,6 | 3400       | 4   |
| ● RMV 2.5 G30 D             | 24462 | 9,5                                                                                        | 2,5                                                                                        | 205                                                                                 | 3000                                                                                | 5,5 | 4   | 3400       | 4   |

Per motori scoppio flangia Ø 3/4" SAE J609a.  
For gasoline engine flange Ø 3/4" SAE J609a.



● testa in  
ottone  
brass  
head



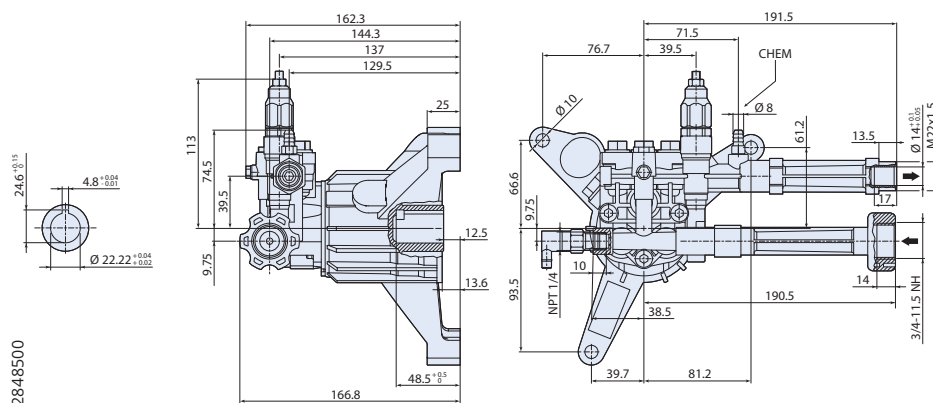
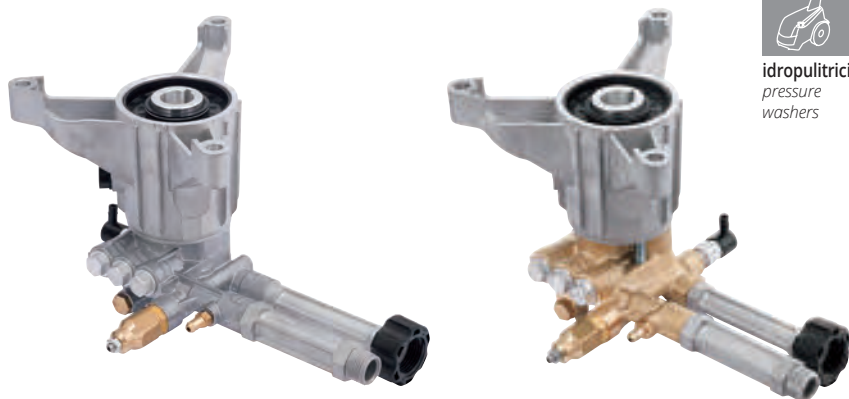
● testa in  
alluminio  
aluminium  
head

# Wobble Plate

POMPA ALBERO CAVO  
Hollow shaft pump



idropulitrici  
pressure  
washers



## D version

| MOD                         | COD   | <br>MAX | <br>MAX |  |  |     |     |            |     |
|-----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|-----|------------|-----|
|                             |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                 | hp  | kW  | N° giri/1' | kg  |
| RMW 3400rpm Dversion Ø 7/8" |       |                                                                                            |                                                                                            |                                                                                     |                                                                                     |     |     |            |     |
| RMW 2 G20 D                 | 25110 | 7,6                                                                                        | 2                                                                                          | 140                                                                                 | 2000                                                                                | 2,9 | 2,2 | 3400       | 3   |
| RMW 2.2 G24 D               | 24748 | 8,3                                                                                        | 2,2                                                                                        | 165                                                                                 | 2400                                                                                | 3,8 | 2,8 | 3400       | 3   |
| ● RMW 2 G23 D               | 25111 | 7,6                                                                                        | 2                                                                                          | 160                                                                                 | 2300                                                                                | 3,4 | 2,5 | 3400       | 4,5 |
| ● RMW 2.5 G26 D             | 25112 | 9,5                                                                                        | 2,5                                                                                        | 180                                                                                 | 2600                                                                                | 4,8 | 3,6 | 3400       | 4,5 |
| ● RMW 2.5 G28 D             | 24464 | 9,5                                                                                        | 2,5                                                                                        | 190                                                                                 | 2800                                                                                | 5,1 | 3,8 | 3400       | 4,5 |

Impiego con motori scoppio ad albero verticale.  
For direct coupling to vertical engine.



● **testa in  
ottone**  
brass  
head



● **testa in  
alluminio**  
aluminium  
head





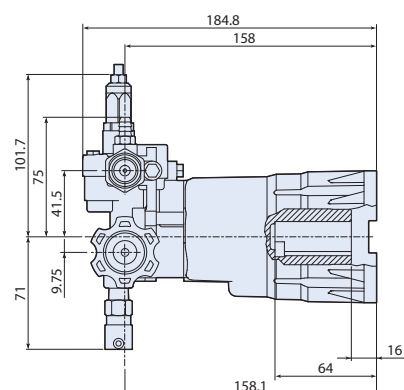
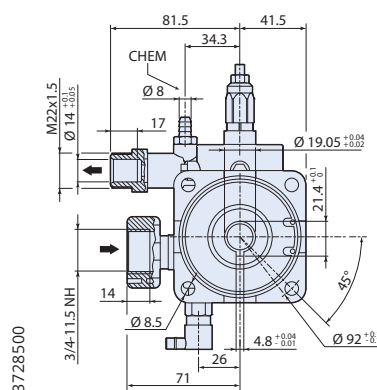
# Wobble Plate

## POMPA ALBERO CAVO

Hollow shaft pump



idropulitrici  
pressure  
washers



## D version

| MOD | COD | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |               |    |
|-----|-----|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----|----|---------------|----|
|     |     | l/min                                                                                    | gpm                                                                                      | bar                                                                               | psi                                                                                            | hp | kW | N°<br>giri/1' | kg |

### RQV 3400rpm Dversion Ø 3/4"

RQV 2.5 G30 D

**25024**

9,5 2,5 205 3000 5,5 4 3400 3,5

Per motori scoppio flangia Ø 3/4" SAE J609a.

For gasoline engine flange Ø 3/4" SAE J609a.



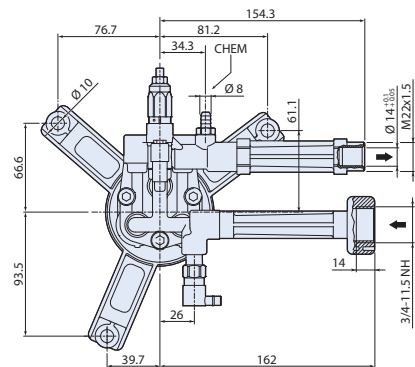
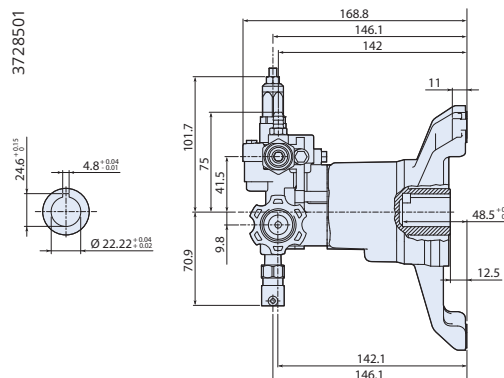
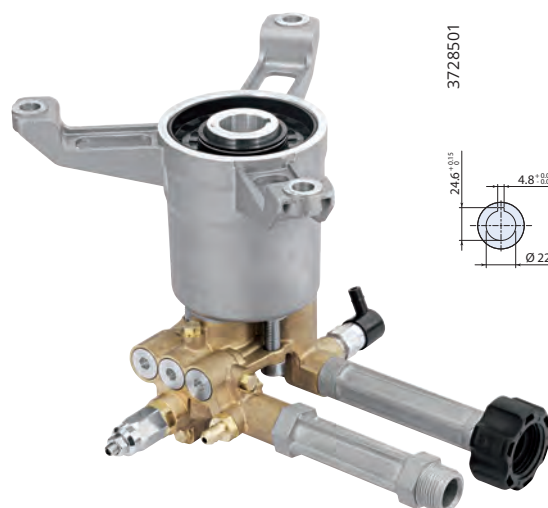
testa in  
ottone  
brass  
head

## POMPA ALBERO CAVO

Hollow shaft pump



idropulitrici  
pressure  
washers



## D version

| MOD | COD | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |               |    |
|-----|-----|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|---------------|----|
|     |     | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N°<br>giri/1' | kg |

### RQW 3400rpm Dversion Ø 7/8"

RQW 2.5 G28 D

**25025**

9,5 2,5 190 2800 5,1 3,8 3400 3,5

Impiego con motori scoppio ad albero verticale.

For direct coupling to vertical engine.



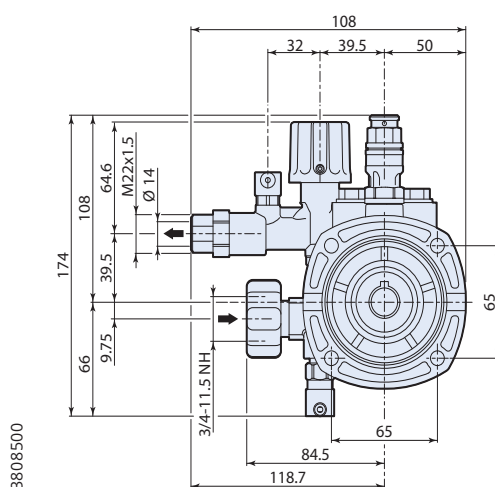
testa in  
ottone  
brass  
head

# Wobble Plate

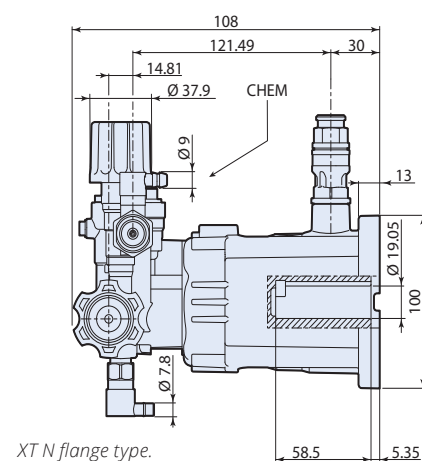
**POMPA ALBERO CAVO**  
Hollow shaft pump



idropulitrici  
pressure  
washers



3808500



XT N flange type.

## D version

| MOD                         | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |     |     |               |    |
|-----------------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|-----|-----|---------------|----|
|                             |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp  | kW  | N°<br>giri/1' | kg |
| RXV 3400rpm Dversion Ø 3/4" |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |     |     |               |    |
| RXV 3 G30 D                 | 24918 | 11,4                                                                                       | 3                                                                                          | 205                                                                                 | 3000                                                                                             | 5,5 | 4   | 3400          | 4  |
| RXV 3.5 G30 D               | 24919 | 13,2                                                                                       | 3,5                                                                                        | 205                                                                                 | 3000                                                                                             | 7   | 5,2 | 3400          | 4  |

Per motori scoppio flangia Ø 3/4" SAE J609a.  
For gasoline engine flange Ø 3/4" SAE J609a.



testa in  
ottone  
brass  
head



## POMPA ALBERO MASCHIO

### *Solid shaft pump*



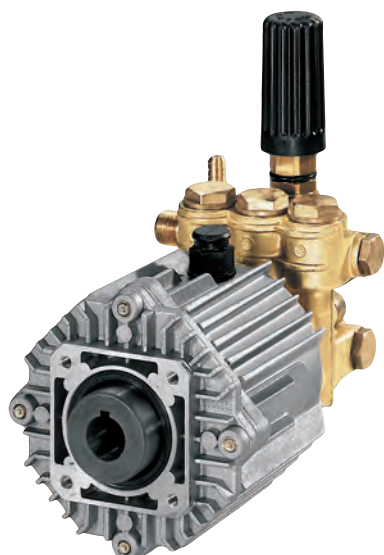
## N version

**testa in  
ottone**  
*brass  
head*

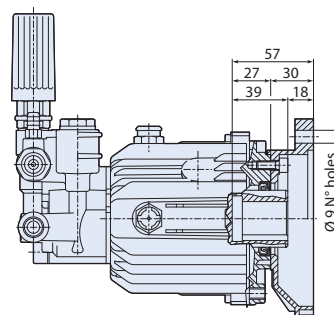
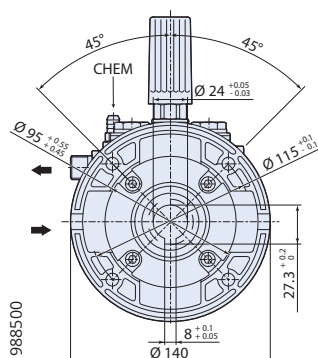
Flangiatura compatibile XT N.  
*XT N flange type.*

# Wobble Plate

## POMPA ALBERO CAVO Hollow shaft pump



idropulitrici  
pressure  
washers



Flangia F6 fornita a richiesta.  
F6 flange on request.

### C version

| MOD                                                                                                                                                                      | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |     |               |    |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|----|-----|---------------|----|
|                                                                                                                                                                          |       | l/min                                                                                    | gpm                                                                                      | bar                                                                               | psi                                                                                            | hp | kW  | N°<br>giri/1' | kg |
| XJS 2800rpm Cversion Ø 24mm                                                                                                                                              |       |                                                                                          |                                                                                          |                                                                                   |                                                                                                |    |     |               |    |
| XJS 8.15 C                                                                                                                                                               | 20484 | 8                                                                                        | 2,11                                                                                     | 150                                                                               | 2200                                                                                           | 3  | 2,2 | 2800          | 5  |
| XJS 10.15 C                                                                                                                                                              | 20441 | 10                                                                                       | 2,64                                                                                     | 150                                                                               | 2200                                                                                           | 4  | 3   | 2800          | 5  |
| XJS 11.14 C                                                                                                                                                              | 20442 | 11                                                                                       | 2,90                                                                                     | 140                                                                               | 2000                                                                                           | 4  | 3   | 2800          | 5  |
| Flangia F6, per motori elettrici B14 Gr.90 IEC34-7, 2 poli 50Hz. Flangia non inclusa.<br>F6 flange for electric motor B14 90 IEC34-7, 2 poles 50Hz. Flange not included. |       |                                                                                          |                                                                                          |                                                                                   |                                                                                                |    |     |               |    |



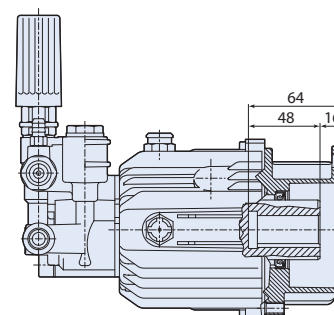
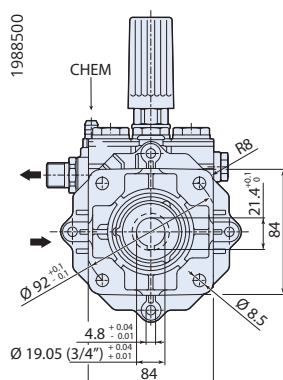
testa in  
ottone  
brass  
head

Flangia F6, per motori elettrici B14 Gr.90 IEC34-7, 2 poli 50Hz. Flangia non inclusa.  
F6 flange for electric motor B14 90 IEC34-7, 2 poles 50Hz. Flange not included.

## POMPA ALBERO CAVO Hollow shaft pump



idropulitrici  
pressure  
washers



### D version + F7

| MOD                              | COD   |  |  |  |  |     |     |            |     |
|----------------------------------|-------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-----|-----|------------|-----|
|                                  |       | MAX                                                                                 | MAX                                                                                 |                                                                                     | KG NET                                                                              |     |     |            |     |
|                                  |       | l/min                                                                               | gpm                                                                                 | bar                                                                                 | psi                                                                                 | hp  | kW  | N° giri/1' | kg  |
| SJV 3400rpm Dversion + F7 Ø 3/4" |       |                                                                                     |                                                                                     |                                                                                     |                                                                                     |     |     |            |     |
| SJV 2 G25 D + F7                 | 21663 | 7,6                                                                                 | 2                                                                                   | 170                                                                                 | 2500                                                                                | 3,5 | 2,6 | 3400       | 4,7 |
| SJV 2.5 G25 D + F7               | 21664 | 9,5                                                                                 | 2,5                                                                                 | 170                                                                                 | 2500                                                                                | 4,5 | 3,3 | 3400       | 4,7 |
| SJV 3 G27 D + F7                 | 21666 | 11,4                                                                                | 3                                                                                   | 186                                                                                 | 2700                                                                                | 5,5 | 4   | 3400       | 4,7 |
| SJV 3.5 G25 D + F7               | 21667 | 13,2                                                                                | 3,5                                                                                 | 170                                                                                 | 2500                                                                                | 6   | 4,4 | 3400       | 4,7 |



testa in  
ottone  
brass  
head

Per motori scoppio flangia Ø 3/4" SAE J609a. Flangia inclusa.  
For gasoline engine flange Ø 3/4" SAE J609a. Flange included.





# Wobble Plate

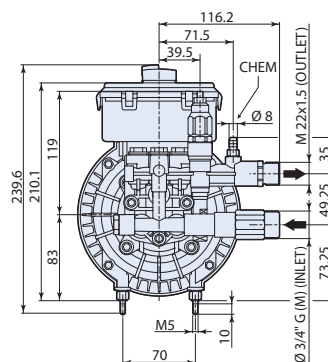
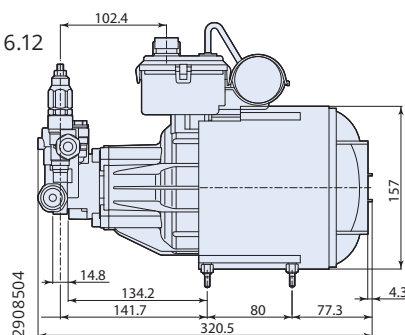
## ELECTRIC MOTOR-PUMP UNITS



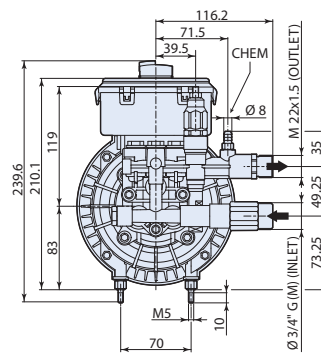
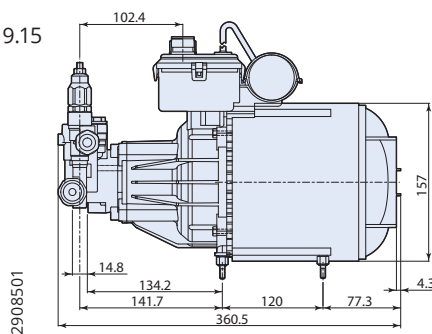
idropulitrici  
pressure  
washers



HRM-O 6.12



HRM-O 9.15



| MOD               | COD   | <br>MAX | <br>MAX |  |      |      |     | <br>KG<br>NET |          |      |
|-------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|------|-----|----------------------------------------------------------------------------------------------------|----------|------|
|                   | 1 ~   | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi  | hp   | kW  | N°<br>giri/1'                                                                                      | V 1-50Hz | kg   |
| HRM-O 2800rpm     |       |                                                                                            |                                                                                            |                                                                                     |      |      |     |                                                                                                    |          |      |
| HRM-O 6.12 REG EM | 23006 | 5,5                                                                                        | 1,46                                                                                       | 115                                                                                 | 1700 | 1,6  | 1,2 | 2800                                                                                               | 230      | 15,5 |
| HRM-O 9.15 REG EM | 22119 | 9                                                                                          | 2,5                                                                                        | 150                                                                                 | 2200 | 3,15 | 2,3 | 2800                                                                                               | 230      | 16   |
| HRM-O 9.15 TSS EM | 22296 | 9                                                                                          | 2,5                                                                                        | 150                                                                                 | 2200 | 3,15 | 2,3 | 2800                                                                                               | 230      | 16   |

Disponibile anche versioni 60 Hz, previa verifica tecnica.  
60 Hz versions available upon technical verification.



testa in  
ottone  
brass  
head

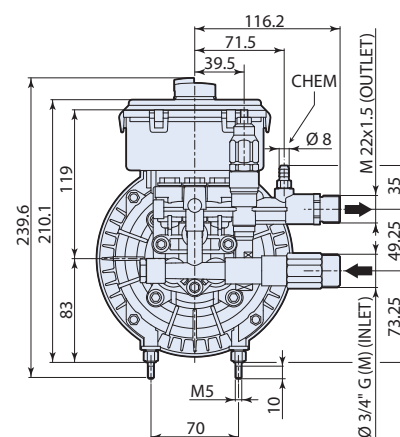
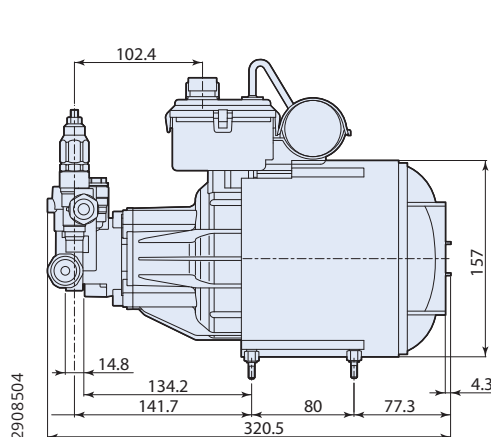


frequenza  
motore  
motor  
frequency





misting



| MOD              | COD   | <br>MAX | <br>MAX |  |      |      |     |            |          | <br>NET |
|------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------|------|-----|------------|----------|----------------------------------------------------------------------------------------------|
|                  | 1 ~   | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi  | hp   | kW  | N° giri/1' | V 1-50Hz | kg                                                                                           |
| HRM-MO 1450rpm   |       |                                                                                            |                                                                                            |                                                                                     |      |      |     |            |          |                                                                                              |
| HRM-MO 0,5.08 EM | 24753 | 0,5                                                                                        | 0,13                                                                                       | 80                                                                                  | 1145 | 0,15 | 0,1 | 1450       | 230      | 15                                                                                           |
| HRM-MO 01.08 EM  | 22627 | 1                                                                                          | 0,26                                                                                       | 80                                                                                  | 1145 | 0,3  | 0,2 | 1450       | 230      | 15,5                                                                                         |
| HRM-MO 02.08 EM  | 22628 | 2                                                                                          | 0,52                                                                                       | 80                                                                                  | 1145 | 0,5  | 0,4 | 1450       | 230      | 15,5                                                                                         |
| HRM-MO 04.08 EM  | 22629 | 4                                                                                          | 1,06                                                                                       | 80                                                                                  | 1145 | 1    | 0,8 | 1450       | 230      | 15,5                                                                                         |

Disponibile anche la versione 115 Volt / 60 Hz.  
115 Volt / 60 Hz version available.



testa in  
ottone  
brass  
head



frequenza  
motore  
motor  
frequency



# Wobble Plate

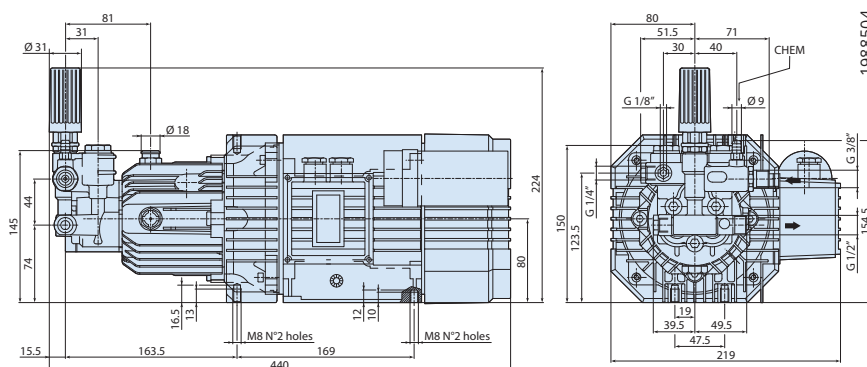
## ELECTRIC MOTOR-PUMP UNITS



idropulitrici  
pressure  
washers



TSS/REG model



| MOD                  | COD   |       | <br>MAX | <br>MAX |  |      |     |     | <br>NET |          |          |      |
|----------------------|-------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------|------|-----|-----|----------------------------------------------------------------------------------------------|----------|----------|------|
|                      | 1 ~   | 3 ~   | l/min                                                                                      | gpm                                                                                        | bar                                                                                  | psi  | hp  | kW  | N°<br>giri/1'                                                                                | V 1~50Hz | V 3~50Hz | kg   |
| HPJ 2800rpm          |       |       |                                                                                            |                                                                                            |                                                                                      |      |     |     |                                                                                              |          |          |      |
| HPJ 8.12 REG EM      | 20415 | -     | 8                                                                                          | 2,11                                                                                       | 120                                                                                  | 1740 | 2,5 | 1,8 | 2800                                                                                         | 230      | -        | 20,4 |
| HPJ 8.12 TSS/REG EM  | 20994 | -     | 8                                                                                          | 2,11                                                                                       | 120                                                                                  | 1740 | 2,5 | 1,8 | 2800                                                                                         | 230      | -        | 20,4 |
| HPJ 8.15 REG EM      | 20416 | -     | 8                                                                                          | 2,11                                                                                       | 150                                                                                  | 2200 | 3   | 2,2 | 2800                                                                                         | 230      | -        | 21   |
| HPJ 8.15 TSS/REG EM  | 20995 | -     | 8                                                                                          | 2,11                                                                                       | 150                                                                                  | 2200 | 3   | 2,2 | 2800                                                                                         | 230      | -        | 21   |
| HPJ 10.12 REG EM     | 20417 | -     | 10                                                                                         | 2,64                                                                                       | 120                                                                                  | 1740 | 3   | 2,2 | 2800                                                                                         | 230      | -        | 21   |
| HPJ 10.12 TSS/REG EM | 20996 | -     | 10                                                                                         | 2,64                                                                                       | 120                                                                                  | 1740 | 3   | 2,2 | 2800                                                                                         | 230      | -        | 21   |
| HPJ 10.15 REG ET     | -     | 20418 | 10                                                                                         | 2,64                                                                                       | 150                                                                                  | 2200 | 4   | 3   | 2800                                                                                         | -        | 380      | 21,3 |
| HPJ 10.15 TSS/REG ET | -     | 21073 | 10                                                                                         | 2,64                                                                                       | 150                                                                                  | 2200 | 4   | 3   | 2800                                                                                         | -        | 380      | 21,3 |
| HPJ 11.11 REG EM     | 20419 | -     | 11                                                                                         | 2,90                                                                                       | 110                                                                                  | 1600 | 3   | 2,2 | 2800                                                                                         | 230      | -        | 21   |
| HPJ 11.11 TSS/REG EM | 20997 | -     | 11                                                                                         | 2,90                                                                                       | 120                                                                                  | 1740 | 3   | 2,2 | 2800                                                                                         | 230      | -        | 21   |
| HPJ 11.14 REG ET     | -     | 20420 | 11                                                                                         | 2,90                                                                                       | 140                                                                                  | 2000 | 4   | 3   | 2800                                                                                         | -        | 380      | 21,3 |

Disponibili anche le versioni 60 Hz, previa verifica tecnica.  
60 Hz versions available upon technical verification.



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brass  
head



1~50Hz  
frequenza  
motore  
motor  
frequency



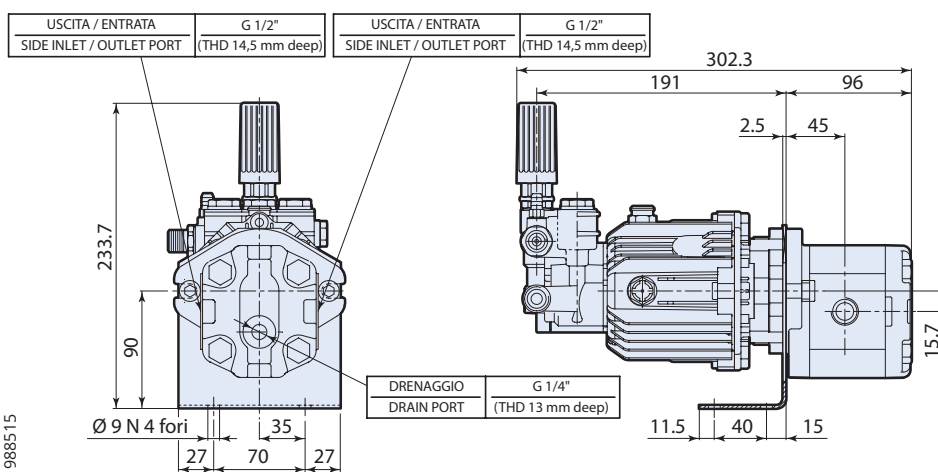
3~50Hz  
frequenza  
motore  
motor  
frequency

# Wobble Plate

## HYDRAULIC DRIVE



municipality



testa in  
ottone  
brass  
head



motore  
idraulico  
hydraulic  
drive

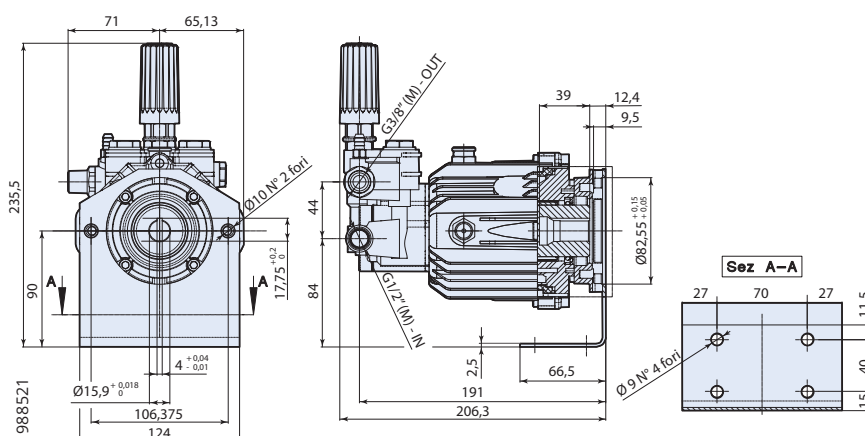
## HYD - XJS

| MOD           | COD   | POMPA A PISTONI • HP PISTON PUMP                                                         |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          | MOTORE IDRAULICO • HYDRAULIC MOTOR |      |                                                                                            |                                                                                            |                                                                                            |            | <br>NET |
|---------------|-------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------|------------------------------------|------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|------------|--------------------------------------------------------------------------------------------|
|               |       | <br>MAX | <br>MAX | <br>RPM | <br>MAX | <br>RPM | <br>MAX | SAUER DANFOSS                      |      | <br>MAX | <br>MAX | <br>RPM |            |                                                                                            |
|               |       | l/min                                                                                    | gpm                                                                                      | bar                                                                                      | psi                                                                                      | N° giri/1'                                                                               | hp                                                                                       | Type                               | Cod  | cm³                                                                                        | bar                                                                                        | l/min                                                                                      | N° giri/1' | kg                                                                                         |
| HYD-XJS       |       |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                                                                          |                                    |      |                                                                                            |                                                                                            |                                                                                            |            |                                                                                            |
| HYD XJS 11.14 | 21602 | 11                                                                                       | 2,90                                                                                     | 140                                                                                      | 2000                                                                                     | 2800                                                                                     | 4                                                                                        | SNM2NN/8,0BN06<br>GAM1F4F4N        | 4768 | 8,4                                                                                        | 123                                                                                        | 24,5                                                                                       | 2800       | 7,5                                                                                        |

## HYDRAULIC DRIVE



municipality



## XJS + F39

| MOD                | COD   | <br>MAX | <br>MAX |  | <br>KG<br>NET |    |    |            |     |
|--------------------|-------|--------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|----|----|------------|-----|
|                    |       | l/min                                                                                      | gpm                                                                                        | bar                                                                                 | psi                                                                                              | hp | kW | N° giri/1' | kg  |
| XJS 2800rpm + F 39 |       |                                                                                            |                                                                                            |                                                                                     |                                                                                                  |    |    |            |     |
| XJS 11.14 + F39    | 21597 | 11                                                                                         | 2,90                                                                                       | 140                                                                                 | 2000                                                                                             | 4  | 3  | 2800       | 5,5 |



testa in  
ottone  
brass  
head



# ACCESSORI

*Accessories*

## Valvole di Regolazione

(Regulation Valves)

### VRZ TSS + ID



Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass con sistema di arresto totale a distanza.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass and remote control for total shutdown.*

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

For RC, XM, RK series

**COD.24324**

Max 200 bar, 15 l/min

**TSS®**  
Total Stop  
SYSTEM

### VRZ + ID, IDR

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

For RC, XM, RK series

**COD.24669**

Max 250 bar, 21 l/min

Con iniettore detergente.

*With detergent injector.*

**COD.24591**

Max 250 bar, 8÷15 l/min

**COD.24670**

Max 250 bar, 15,1÷21 l/min

Con iniettore detergente regolabile.

*With adjustable detergent injector.*

**COD.24671**

Max 250 bar, 8÷15 l/min

**COD.24672**

Max 250 bar, 15,1÷21 l/min

### VRC-A

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off.*

For RC series

**COD.23500**

Max 180 bar, 18 l/min

INLET: 3/8" G (F), OUTLET: 3/8" G (M)

BY-PASS: 3/8" G (F)

For RC series

Con iniettore detergente

*With detergent injector*

**COD.23501**

Max 180 bar, ID, 15 l/min (\*)

INLET: 3/8" G (F), OUTLET: 3/8" G (M)

BY-PASS: 3/8" G (F)

### VRC-AM

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off.*

For RC series

**COD.23502**

Max 180 bar, 18 l/min

INLET: 3/8" G (F), OUTLET: 3/8" G (M)

BY-PASS: 3/8" G (F)

For RC series

Con iniettore detergente.

*With detergent injector.*

**COD.23503**

Max 180 bar, ID, 15 l/min (\*)

INLET: 3/8" G (F), OUTLET: 3/8" G (M)

BY-PASS: 3/8" G (F)

\* Su richiesta versione 18 l/min

*On request 18 l/min version*

### VRC-BM

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off.*

For XT, RC, XM, RR

Con iniettore detergente.

*With detergent injector.*

**COD.23505**

Max 180 bar, 15 l/min (\*)

INLET: 3/8" G (F), OUTLET: 3/8" G (M)

For XT, RC, XM, RR

Con iniettore detergente regolabile.

*With adjustable detergent injector.*

**COD.23506**

Max 180 bar, IDR, 15 l/min (\*)

INLET: 3/8" G (F), OUTLET: 3/8" G (M)

\* Su richiesta versione 18 l/min

*On request 18 l/min version*

### MINIMATIC 4/B, + ID, IDR

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

For HPE, XT, RC, XM, RR, RK series

**COD.20821**

Max 180 bar, 18 l/min

Con iniettore detergente

*With detergent injector*

**COD.20888**

Max 180 bar, 7÷10 l/min (Ø2,0)

**COD.20889**

Max 180 bar, 10,1÷18 l/min (Ø2,3)

Con iniettore detergente regolabile.

*With adjustable detergent injector.*

**COD.20890**

Max 180 bar, 7÷10 l/min (Ø2,0)

**COD.20891**

Max 180 bar, 10,1÷18 l/min (Ø2,3)

### MINIMATIC 4/B TSS, + ID, IDR

**TSS®**  
Total Stop  
SYSTEM

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass con sistema di arresto totale a distanza (patented).

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass and remote control for total shutdown (patented).*

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

For XT, RC, XM, RR, RK

**COD. 25395**

Max 180 bar, 18 l/min

For XT, XM, RR, RK

Con iniettore detergente con sistema di arresto totale a distanza (patented).

*With detergent injector and remote control for total shutdown (patented).*

**COD. 25396**

Max 180 bar, 7÷10 l/min (Ø2,0)

**COD. 25397**

Max 180 bar, 10,1÷18 l/min (Ø2,3)

For XT, XM, RR, RK

Con iniettore detergente regolabile con sistema di arresto totale a distanza (patented).

*With adjustable detergent injector and remote control for total shutdown (patented).*

**COD. 22562**

Max 180 bar, 7÷10 l/min (Ø2,0)

**COD. 25398**

Max 180 bar, 10,1÷18 l/min (Ø2,3)

## Valvole di Regolazione

(Regulation Valves)

### GYMATIC 3/A, + ID, IDR

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off.*

INLET, OUTLET, BY-PASS: 3/8" G (M)

For XM, RR, JK, RK, RW series

**COD.20076**

Max 250 bar, 35 l/min

Con iniettore detergente.

*With detergent injector.*

**COD.20077**

Max 250 bar, 11 l/min (Ø1,8)

**COD.20078**

Max 250 bar, 13÷18 l/min (Ø2,1)

**COD.20079**

Max 250 bar, 21 l/min (Ø2,3)

Con iniettore detergente regolabile.

*With adjustable detergent injector.*

**COD.20396**

Max 250 bar, 11 l/min (Ø1,8)

**COD.20397**

Max 250 bar, 13÷18 l/min (Ø2,1)

**COD.20398**

Max 250 bar, 21 l/min (Ø2,3)

### GYMATIC 3/B, + ID, IDR

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

For XM, RR, JK, RK series

**COD.20080**

Max 250 bar, 35 l/min

For JK, RK series

Con iniettore detergente.

*With detergent injector.*

**COD.20081**

Max 250 bar, 11 l/min (Ø1,8)

**COD.20082**

Max 250 bar, 13÷18 l/min (Ø2,1)

**COD.20083**

Max 250 bar, 21 l/min (Ø2,3)

For JK, RK series

Con iniettore detergente regolabile.

*With adjustable detergent injector.*

**COD.20399**

Max 250 bar, 11 l/min (Ø1,8)

**COD.20400**

Max 250 bar, 13÷18 l/min (Ø2,1)

**COD.20401**

Max 250 bar, 21 l/min (Ø2,3)

### GYMATIC 3/B, + ID, IDR for XW

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 3/4" G (F), OUTLET: 3/8" G (M)

For XW series

**COD.20802**

Max 250 bar, 35 l/min

For XW series

Con iniettore detergente.

*With detergent injector.*

**COD.20759**

Max 250 bar, 13÷18 l/min (Ø2,1)

**COD.20760**

Max 250 bar, 21 l/min (Ø2,3)

For XW series

Con iniettore detergente regolabile.

*With adjustable detergent injector.*

**COD.20761**

Max 250 bar, 13÷18 l/min (Ø2,1)

**COD.20762**

Max 250 bar, 21 l/min (Ø2,3)

### VR 35

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off.*

INLET: 3/8" G (F), OUTLET: 3/8" G (M), BY-PASS: 3/8" G (F)

**COD. 20831**

Max 350 bar, 35 l/min

### VR SS

Valvola di regolazione con corpo in acciaio e ritorno automatico della pompa a 0 bar alla chiusura.

*Pressure regulating unloader valve with steel body, automatically relieves pressure from pump at shut-off.*

INLET: 3/8" G (F), OUTLET: 3/8" G (M), BY-PASS: 3/8" G (F)

For Stainless Steel series

**COD. 21350**

Max 200 bar, 45 l/min

### VR 3B for RK series

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

For RK series

**COD. 22308**

Max 300 bar, 35 l/min

### VR 3B for RG, RW series + ID, IDR

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

For RG, RW series

**COD. 22621**

Max 300 bar, 35 l/min

**COD. 22622**

Max 250 bar ID, 13-18 l/min, D 2,1

**COD. 22623**

Max 250 bar ID, 18-21 l/min, D 2,3

**COD. 22624**

Max 250 bar IDR, 13-18 l/min, D 2,1

**COD. 22625**

Max 250 bar IDR, 18-21 l/min, D 2,3

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

### VR 3B for XW series

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

For XW series

**COD. 21839**

Max 300 bar, 35 l/min

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

**COD. 21840**

Max 300 bar, 35 l/min

INLET: 3/4" G (F), OUTLET: 3/8" G (M)

### ZEROMATIC/93

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off.*

**COD. 2907**

Max 250 bar, 40 l/min

INLET: 1/2" G (F), OUTLET: 3/8" G (M),

BY-PASS: 1/2" G (F)

**COD. 2908**

Max 250 bar, 40 l/min

INLET: 1/2" NPT (F),

OUTLET: 3/8" NPT (M),

BY-PASS: 1/2" NPT (F)

### ZEROMATIC/CSC

**COD. 22789**

Max 250 bar, 40 l/min

INLET: 1/2" G (F), OUTLET: 3/8" G (M),

BY-PASS: 1/2" G (F)

Per controllo statico circuiti idraulici.

*For hydraulic circuit static check.*

## Valvole di Regolazione

(Regulation Valves)

**NEW**

### GYMATIC 3/B, + ID, IDR



Valvola di regolazione nichelata con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.  
*Nichel plated pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

For XM, RR, JK, RK series

**COD.28098**

Max 250 bar, 35 l/min



### VB 85/280

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura.

*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off.*

INLET: 1/2" G (F), OUTLET: 1/2" G (F), BY-PASS: 1/2" G (F)

For RTX 70.200 - RTX 85.150  
RTJ 70.275

**COD. 51435**

Max 280 bar, 80 l/min



### VB 140/160

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.  
*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 3/4" G (F), OUTLET: 3/4" G (F), BY-PASS: 3/4" G (F)

For RTX 100.120  
RTF 135.100 - RTF 150.100  
RTD 130.100 - RTD 130.160

**COD. 51839**

Max 160 bar, 140 l/min

**NEW**

### VR 3B for RK series



Valvola di regolazione nichelata con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.  
*Nichel plated pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

For RW series

**COD. 28099**

Max 300 bar, 35 l/min



### VS 310

Valvola di sicurezza. Valvola compensata regolatrice di pressione. Regolarizza il bypass del fluido, con una minima variazione della pressione.  
*Safety valve. Compensated pressure regulating valve. Regulates the bypass of the fluid with a minimum variation of the pressure.*

INLET: 3/8" G (F), OUTLET: 3/8" G (F)

**COD.51480**

Max 310 bar, 40 l/min



### VB 200/280

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura.  
*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off.*

INLET: 1" G (F), OUTLET: 1" G (F), BY-PASS: 1" G (F)

For RTD 100.200

**COD. 51636**

Max 280 bar, 200 l/min

**NEW**

### VR 3B for RK series



Valvola di regolazione nichelata con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.  
*Nichel plated pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

For RK series

**COD. 28281**

Max 300 bar, 35 l/min



### VS 200/180

Valvola di sicurezza. Valvola compensata regolatrice di pressione. Regolarizza il bypass del fluido, con una minima variazione della pressione.  
*Safety valve. Compensated pressure regulating valve. Regulates the bypass of the fluid with a minimum variation of the pressure.*

INLET: 3/4" G (F), OUTLET: 1/2" G (F),

**COD. 51437**

Max 180 bar, 200 l/min



### VRPP 170

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura.  
*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off.*

INLET: 1" G (F), OUTLET: 1" G (F), BY-PASS: 1" G (F)

For RTD 160.100, RTD 160.130, RTX 150.100

**COD. 51859**

Max 150 bar, 200 l/min

**NEW**

### VR 3B for RK series



Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.  
*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 1/2" G (F), OUTLET: 3/8" G (M)

For XW-XWL series

**COD. 28007**

Max 300 bar, 35 l/min



### VB 350

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.  
*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 3/8" G (M), OUTLET: 3/8" G (F), BY-PASS: 1/2" G (F)

For RTX 30.300

**COD. 50687**

Max 350 bar, 40 l/min



### VB 200/150

Valvola di regolazione con ritorno automatico della pompa a 0 bar alla chiusura.  
*Pressure regulating unloader valve, automatically relieves pressure from pump at shut-off.*

INLET: 1" G (F), OUTLET: 1" G (F), BY-PASS: 1" G (F)

For RTD 160.100, RTD 160.130, RTX 150.100

**COD. 50160**

Max 150 bar, 200 l/min

**NEW**

### VR 60



Valvola di regolazione con i componenti funzionali in acciaio con ritorno automatico della pompa a 0 bar alla chiusura, by-pass.  
*Pressure regulating unloader valve with steel functional components, automatically relieves pressure from pump at shut-off, built-in by-pass.*

INLET: 1/2" G (F), OUTLET: 1/2" G (F), BY-PASS: 1/2" G (F)

For SHP - RTX - RTD - RTP

**COD. 28067**

Max 600 bar, 100 l/min



## Flanges and Couplers

A » Z



**F6**

Flangia pompe serie XT, Xj, RC, C version per motori elettrici B3/B14 Gr.90.

*Flange XT, Xj, RC series C version for close coupling B3/B14 90 frame.*

**COD.1581**



**F7**

Flangia pompe serie XT, Xj, RCV D version per motori a scoppio con albero cilindrico 3/4" (19,05 mm) e flangia SAE J609a.

*Flange XT, Xj, RCV series D version for close coupling to gas/diesel engines with 3/4" cylindrical shaft and SAE J609a flange.*

**COD.1579**



**F8**

Flangia pompe serie XT, Xj, RCA, RCV E version per motori elettrici NEMA 56-C.

*Flange XT, Xj, RCA, RCV series E version for close coupling NEMA 56-C.*

**COD.1584**



**F9**

Flangia pompe serie XT, Xj, RC per motori elettrici speciali AR.

*Flange XT, Xj, RC series for close coupling AR special electric motors.*

**COD.1580**



**F10**

Flangiatura pompe serie XT, RC per motori elettrici B3/B14 Gr. 90.

*Bell housing + solid coupling XT, RC series for B3/B14 frame 90.*

**COD.1582**



**F11**

Flangiatura pompe serie XT per motori elettrici B3/B14 Gr. 100.

*Bell housing + solid coupling XT series for B3/B14 frame 100.*

**COD.1583**



**F13**

Flangiatura con giunto elastico pompe serie XM, RK, RCW per motori elettrici B3/B14 Gr.100 e 112.

*Bell housing + flexible coupling XM, RK, RCW series for B3/B14 frame 100 and 112.*

**COD.1587**



**F14**

Flangiatura con giunto elastico pompe serie XMA, RKA per motori elettrici NEMA 182-184 (albero Ø 1" 1/8).

*Bell housing + flexible coupling XMA, RKA series for NEMA 182-184(Ø1" 1/8 shaft).*

**COD.1588**



**F15**

Flangiatura con giunto elastico pompe serie XMA, RKA per motori elettrici NEMA 213-215 (albero Ø 1" 3/8).

*Bell housing + flexible coupling XMA, RKA series for NEMA 213-215 (Ø1" 3/8 shaft).*

**COD.1589**



**F16**

Flangia pompe serie XM, RK C version per motori elettrici B3/B14 Gr.100 e 112.

*Flange XM, RK series C version for close coupling B3/B14 100 and 112 frame.*

**COD.1590**



**F17**

Flangia pompe serie XM, RK E version per motori elettrici NEMA 182-184 (Ø 1" 1/8).

*Flange XM, RK series E version for close coupling NEMA 182-184 (Ø1" 1/8 shaft).*

**COD.1591**



**F25**

Flangia pompe serie XM D version per motori a scoppio con albero cilindrico 3/4" (19,05 mm) e flangia SAE J609a.

*Flange XM series D version for close coupling to gas/diesel engines with 3/4" cylindrical shaft and SAE J609a flange.*

**COD.1585**



**F28**

Flangiatura con giunto elastico pompe serie JK, RG, RW, XW, XWL, SXW per motori elettrici B3/B14 Gr.100 e 112.

*Bell housing + flexible coupling RG, RW, XW, XWL, SXW series for B3/B14 frame 100 and 112.*

**COD.1543**



**F30**

Flangiatura con giunto elastico pompe serie XM, RK, JK, RG, RW, XW, XWL, SXW per motori elettrici B3/B14 Gr.132-160S.

*Bell housing + flexible coupling XM, RK, RG, RW, XW, XWL, SXW series for B3/B14 frame132, 160S.*

**COD.1545**



**F32**

Flangia pompe serie XM E version Ø 5/8" per motori elettrici NEMA 56-C.

*Flange XM series E version Ø 5/8" for close coupling NEMA 56-C.*

**COD.1578**



**F40**

Flangia pompe serie RS, XM 'D' version per motori a scoppio con albero cilindrico 1" (25,4 mm) e flangia SAE J609a.

*Flange RS, XM series 'D' version for close coupling to gas/diesel engines with 1" cylindrical shaft and SAE J609a flange.*

**COD.1542**



**F41**

Flangia pompe serie RK 'D' version per motori a scoppio con albero cilindrico 1" (25,4 mm) e flangia SAE J609a.

*Flange RK series 'D' version for close coupling to gas/diesel engines with 1" cylindrical shaft and SAE J609a flange.*

**COD.1541**



**F44**

Flangia pompe serie RC C version per motori elettrici B3/B14 Gr.100.

*Flange RC series C version for close coupling B3/B14 100 frame.*

**COD.41053**



**F45**

Flangiatura con giunto elastico pompe serie RC per motori elettrici B3/B14 Gr. 90.

*Bell housing + flexible coupling RC series for B3/B14 frame 90.*

**COD.1560**



**F46**

Flangiatura con giunto elastico pompe serie RC, RR per motori elettrici B3/B14 Gr. 100/112.

*Bell housing + flexible coupling RC, RR series for B3/B14 frame 100/112.*

**COD.1566**



**F50**

Flangiatura con giunto elastico pompe modelli RTX per motori idraulici tipo SAE J744 B101-2, B101-4. Albero Ø 22,22 mm.

*Bell housing + flexible coupling RTX models for hydraulic motors SAE J744 B101-2, B101-4 type. Shaft Ø 22.22 mm.*

**COD.41450**



**F51**

Flangiatura con giunto elastico pompe modelli RTX per motori idraulici tipo SAE J744 B101-2, B101-4. Albero Ø 25,4 mm.

*Bell housing + flexible coupling RTX models for hydraulic motors SAE J744 B101-2, B101-4 type. Shaft Ø 25.4 mm.*

**COD.41451**



**F52**

Flangiatura con giunto elastico pompe modelli RTX per motori idraulici tipo SAE J744 B101-2, B101-4. Albero scanalato 15T.

*Bell housing + flexible coupling RTX models for hydraulic motors SAE J744 B101-2, B101-4 type. Splined shaft 15T*

**COD.43780**



**F53**

Flangiatura con giunto elastico pompe modelli RTX per motori idraulici tipo SAE J744 B101-2, B101-4. Albero Ø 28,58 mm.

*Bell housing + flexible coupling RTX models for hydraulic motors SAE J744 B101-2, B101-4 type. Shaft Ø 28.58 mm.*

**COD.43781**



**F54**

Flangiatura con giunto elastico pompe modelli RTX per motori idraulici tipo SAE J744 B101-2, B101-4. Albero scanalato 13T.

*Bell housing + flexible coupling RTX models for hydraulic motors SAE J744 B101-2, B101-4 type. Splined shaft 13T.*

**COD.46091**

## Flanges and Couplers

A » Z

**NEW**

**F55**



Flangiatura con giunto elastico pompe modelli RTD per motori idraulici tipo SAE J744 B101-2, B101-4. Albero Ø 31,75 mm.  
*Bell housing + flexible coupling RTD models for hydraulic motors SAE J744 B101-2, B101-4 type. Shaft Ø 31.75 mm.*  
**COD.46120**

**NEW**

**F59**



Flangiatura con giunto elastico pompe modelli RTD per motori idraulici tipo SAE J744 B101-2, B101-4. Albero scanalato 14T.  
*Bell housing + flexible coupling RTD models for hydraulic motors SAE J744 B101-2, B101-4 type. Splined shaft 14T.*  
**COD.46291**

**NEW**

**F60**



Flangiatura con giunto elastico pompe modelli XW per motori idraulici tipo SAE J744 B101-2, B101-4. Albero scanalato 13T.  
*Bell housing + flexible coupling XW models for hydraulic motors SAE J744 B101-2, B101-4 type. Splined shaft 13T.*  
**COD.46513**

**NEW**

**F61**



Flangiatura con giunto elastico pompe modelli XW per motori idraulici tipo SAE J744 B101-2, B101-4. Albero Ø 22,22 mm.  
*Bell housing + flexible coupling XW models for hydraulic motors SAE J744 B101-2, B101-4 type. Shaft Ø 22.22 mm.*  
**COD.46574**

**NEW**

**F62**



Flangiatura con giunto elastico pompe modelli XW per motori idraulici tipo SAE J744 B101-2, B101-4. Albero scanalato 13T.  
*Bell housing + flexible coupling XW models for hydraulic motors SAE J744 B101-2, B101-4 type. Splined shaft 13T.*  
**COD.46703**

## Lance

(Lances)

RE 70 • RE 90 • RE 120 • RE 150 • RE 170 • RE 200



Lancia. Lunghezza: • *Lance. Length:*  
70 cm max 250 bar 40 l/min, 180° C.  
INLET: 1/4" G (M), OUTLET: 1/4" NPT (F)  
**COD.3002**

90 cm max 250 bar 40 l/min, 180° C.  
INLET: 1/4" G (M), OUTLET: 1/4" NPT (F)  
**COD.3003**

120 cm max 250 bar 40 l/min, 180° C.  
INLET: 1/4" G (M), OUTLET: 1/4" NPT (F)  
**COD.3004**

150 cm max 250 bar 40 l/min, 180° C.  
INLET: 1/4" G (M), OUTLET: 1/4" NPT (F)  
**COD.3005**

170 cm max 250 bar 40 l/min, 180° C.  
INLET: 1/4" G (M), OUTLET: 1/4" NPT (F)  
**COD.3006**

200 cm max 250 bar 40 l/min, 180° C.  
INLET: 1/4" G (M), OUTLET: 1/4" NPT (F)  
**COD.3007**

## SANDJET PROF

Kit lancia sabbante.  
*Complete sandblasting kit.*

Ø1,2 (1/4" G) **COD.3695**

Ø1,4 (1/4" G) **COD.3696**

Ø1,2 (M22 x 1,5) **COD.3697**

Ø1,4 (M22 x 1,5) **COD.3698**

Ø1,8 (M22 x 1,5) **COD.3699**

## ROTOPOWER PROF 2

Ugello rotante alta pressione.  
*High pressure rotating nozzle.*  
M22x1,5mm fitting.

TTR Ø 1,25 **COD.40167**

TTR Ø 1,35 **COD.40169**

TPR Ø 1,40 **COD.40168**

TPR Ø 1,50 **COD.40173**

## REG SPRAY 5

Kit testina con ugelli Spraying System.  
*Head gun kit with Spraying System nozzle.*  
M22x1,5mm fitting.

1504 **COD.3615**

1505 **COD.41274**

1507 **COD.3617**

15025 **COD.3618**

15055 **COD.3704**

## DRE 115

Doppia lancia. • *Double lance.*  
Max 280 bar 40 l/min, 150°C.  
INLET: 1/4" G (M), OUTLET: 1/4" NPT (F)  
**COD.41105**

## WASH SPRAY

Kit testina. • *Head gun kit.*  
M22x1,5mm fitting.  
Ø1,1 White/Bianco **COD.40112**  
Ø1 Green/Verde **COD.40113**  
Ø1,25 Orange/Arancio **COD.40039**

## Pistole

(Spray Guns)

**MV 925**



Pistola automatica. • *Wash gun.*  
Max 310 bar 30 l/min, 160°C  
INLET: 3/8" G (F), OUTLET: 1/4" G (F)  
**COD.41837**

**ML 955**



Pistola automatica. • *Wash gun.*  
Max 350 bar 40 l/min, 160°C  
INLET: 3/8" G (F) Swivel, OUTLET: 1/4" G (F)  
**COD.46141**

**AL 13 - 1/4"**



Kit pistola per Wash Spray, Reg Spray 5, Rotopower Prof 2.  
*Gun kit for Wash Spray, Reg Spray 5, Rotopower Prof 2.*  
Max 255 bar 30 l/min, 60°C  
INLET: 1/4" G (M), OUTLET: M22x1,5mm (F)  
**COD.41046**

**AL 13 - 3/8"**



Kit pistola per Wash Spray, Reg Spray 5, Rotopower Prof 2.  
*Gun kit for Wash Spray, Reg Spray 5, Rotopower Prof 2.*  
Max 225 bar 30 l/min, 60°C  
INLET: 3/8" G (M), OUTLET: M22x1,5mm (F)  
**COD.41045**

## Ugelli

(Nozzles)

### WASH NOZZLES

Nozzle. • Ugello. 1/4 MEG 0°, 15°, 25°. Specificare nell'ordine il tipo di getto. (Vedi tabella pag. 158).  
*When ordering always state type of jet required. (See page 158).*

(S)

### UPT

Nozzle. • Ugello. 1/4 MEG 0°, 15°, 25°. Ugello pulizia tubazioni.  
*Pipe cleaning nozzle.*  
Max 120 bar 11 l/min, INLET: 1/4" G (M)  
**COD.1122190**

### PR

Portaugello regolabile.  
*Adjustable nozzle holder.*  
Max 250 bar 30 l/min, 150°C  
INLET: 1/4" G (F), OUTLET: 1/4" NPT (F)  
**COD.3071**

### TDV

Testina doppio ugello. • *Roller nozzles.*  
Max 200 bar 40 l/min, 90°C  
INLET: 1/4" G (F), OUTLET: 2x1/4" NPT (F)  
**COD.3025**

## Tubi Alta Pressione

(HP Hoses)



### SAE 100 R1 (10m)

Tubo alta pressione Ø 5/16" con raccordi.

5/16" high pressure hose with couplings.  
Raccordi/Couplings 3/8" G (M) - 3/8" G (F)

**COD.3118**

Raccordi/Couplings 3/8" G (F) - 3/8" G (F)  
**COD.3122**



### SAE 100 R1 (16m)

Tubo alta pressione m 16.

High pressure hose kit.

Length 16m / 52 ft.

Ø 5/16", M22X1,5(F) - 1/4"G(F)

**COD.1271900**



### SAE 100 R2 (10m)

Tubo alta pressione Ø 3/8" con raccordi.  
3/8" high pressure hose with couplings.

Raccordi/Couplings 3/8" G (M) - 3/8" G (F)

**COD.3119**

Raccordi/Couplings 3/8" G (F) - 3/8" G (F)  
**COD.3120**



### HP8 PROF

Kit tubo alta pressione m 8.

Per AR 13-1/4".

High pressure hose kit. Length 8m / 26 ft.

For AR 13-1/4".

Ø 5/16", max. 315 bar

**COD.3725**



### HP8

Kit tubo termoplastico alta pressione, per AR 13-1/4".

Thermoplastic HP hose kit, for AR 13-1/4".

Ø 1/4" max.160 bar

**COD.40102**

Ø 5/16" max.160 bar

**COD.40104**

## Riduttori

(Gear Boxes)



### CR 3/4"

Riduttore 1:2 per motori a scoppio/diesel con albero cilindrico 3/4" (19,05 mm) e flangia SAE J609a.

1:2 reduction gear box for gas/diesel engines with 3/4" cylindrical shaft and SAE J609a flange.

XT series

**COD.1694**

XM, RK series

**COD.1692**

Riduttore 1:2,24 per motori a scoppio/diesel con albero cilindrico 3/4" (19,05 mm) e flangia SAE J609a.

1:2,24 reduction gear box for gas/diesel engines with 3/4" cylindrical shaft and SAE J609a flange.

XM, RK series

**COD.1691**



### CR 1"

Riduttore 1:2 per motori a scoppio/diesel con albero cilindrico 1" (25,4 mm) e flangia SAE J609a.

1:2 reduction gear box for gas/diesel engines with 1" cylindrical shaft and SAE J609a flange.

XT series

**COD.1693**

XM, RK series

**COD.1690**

RG, RW, XW, SXW series

**COD.1697**

Riduttore 1:2,24 per motori a scoppio/diesel con albero cilindrico 1" (25,4 mm) e flangia SAE J609a.

1:2,24 reduction gear box for gas/diesel engines with 1" cylindrical shaft and SAE J609a flange.

XM, RK series

**COD.1689**

RG, RW, XW, SXW series

**COD.1698**



### CR 1"1/8

Riduttore 1:2 per motori a scoppio/diesel con albero cilindrico 1" 1/8 (28,6 mm) e flangia SAE J609a.

1:2 reduction gear box for gas/diesel engines with 1" 1/8 cylindrical shaft and SAE J609a flange.

RG, RW, XW, SXW series

**COD.1670**

## Motori Idraulici

(Hydraulic Motors)

**NEW**

### HM 44



Motore idraulico SAUER DANFOSS serie 3, 44 cc, flangia SAE B (2 fori), albero scanalato 13T

SAUER DANFOSS hydraulic motor series 3, 44 cc, flange SAE B (2 holes), splined shaft 13T

**COD.45222**

**NEW**

### HM 90



Motore idraulico SAUER DANFOSS serie 3, 90 cc, flangia SAE B (2 fori), albero scanalato 13T

SAUER DANFOSS hydraulic motor series 3, 90 cc, flange SAE B (2 holes), splined shaft 13T

**COD.45223**

**NEW**

### HM 34



Motore idraulico SUNFAB, 34 cc, flangia SAE B (2 fori), albero scanalato 13T

SUNFAB hydraulic motor, 34 cc, flange SAE B (2 holes), splined shaft 13T

**COD.45221**

**NEW**

### HM 64



Motore idraulico OMFB, 64 cc, flangia SAE B (2-4 fori), albero scanalato 13T

OMFB hydraulic motor, 64 cc, flange SAE B (2-4 holes), splined shaft 13T

**COD.45230**

**NEW**

### HM 84



Motore idraulico SUNFAB, 84 cc, flangia SAE C (4 fori), albero scanalato 14T

SUNFAB hydraulic motor, 84 cc, flange SAE C (4 holes), splined shaft 14T

**COD.45232**

## Other accessories

A » Z

### FAS



Filtro aspirazione.  
*Suction strainer.*

Max 10 bar, max 20 l/min.  
INLET: 1/2" G (F), OUTLET: 1/2" G (M)  
**COD.3000**



Filtro aspirazione.  
*Aluminium suction strainer.*

Max 10 bar, max 20 l/min.  
INLET: 1/2" G (F), OUTLET: 1/2" G (M)  
**COD.3121**



Max 14 bar, max 80 l/min.  
INLET: 3/4" G (F), OUTLET: 3/4" G (F)  
**COD.50031**

### FD



Filtro aspirazione detergente.  
*Detergent suction filter.*  
**COD.1341030**

### FDR



Filtro aspirazione detergente con  
valvola di non ritorno.  
*Detergent suction filter with check valve.*  
**COD.3116**

### FS



Galleggiante.  
*Float.*  
Max 8 bar 21 l/min, 60° C.  
INLET: Ø 27 mm  
**COD.3114**

### JETTER VALVE



Jetter valve.  
XT, XM series **COD.40235**  
RC series **COD.41003**  
RK series **COD.40161**  
XW series **COD.40236**  
RTJ series **COD.43948**  
RTX series **COD.43949**  
RTF series **COD.46537**

**NEW**

### IDF



Iniettore detergente fisso.  
*Detergent injector.*

| TYPE | INLET     | OUTLET    | CHEM<br>Ø mm | COD.        |
|------|-----------|-----------|--------------|-------------|
| 1,8  | 3/8" G(F) | 3/8" G(M) | 8            | <b>3060</b> |
| 2,1  | 3/8" G(F) | 3/8" G(M) | 8            | <b>3061</b> |
| 2,3  | 3/8" G(F) | 3/8" G(M) | 8            | <b>3062</b> |
| 1,8  | 3/8" G(M) | 3/8" G(M) | 8            | <b>3033</b> |
| 2,1  | 3/8" G(M) | 3/8" G(M) | 8            | <b>3034</b> |

### IDR



Iniettore detergente regolabile.  
*Adjustable detergent injector.*

| TYPE | INLET     | OUTLET    | CHEM<br>Ø mm | COD.        |
|------|-----------|-----------|--------------|-------------|
| 1,8  | 3/8" G(F) | 3/8" G(M) | 8            | <b>3057</b> |
| 2,1  | 3/8" G(F) | 3/8" G(M) | 8            | <b>3058</b> |
| 2,3  | 3/8" G(F) | 3/8" G(M) | 8            | <b>3059</b> |
| 1,8  | 3/8" G(M) | 3/8" G(M) | 8            | <b>3035</b> |
| 2,1  | 3/8" G(M) | 3/8" G(M) | 8            | <b>3036</b> |

### IR



Innesti rapidi. • *Quick couplings.*

| TYPE  | RING NUT      | COUPLING Ø | COD.        |
|-------|---------------|------------|-------------|
| IR 06 | without/senza | 3/8" G (F) | <b>3044</b> |
| IR 07 | without/senza | 1/4" G (F) | <b>3045</b> |
| IR 08 | without/senza | 3/8" G (M) | <b>3046</b> |
| IR 09 | without/senza | 1/4" G (M) | <b>3047</b> |



Innesti rapidi. • *Quick couplings.*

| TYPE | RING NUT | COUPLING Ø | COD.        |
|------|----------|------------|-------------|
| IR 6 | with/con | 3/8" G (F) | <b>3048</b> |
| IR 7 | with/con | 1/4" G (F) | <b>3049</b> |
| IR 8 | with/con | 3/8" G (M) | <b>3050</b> |
| IR 9 | with/con | 1/4" G (M) | <b>3051</b> |

### MCS



Manometro.  
Max 250 bar, attacco 1/4" G (M)  
centrale posteriore, Ø 63 mm.  
*Pressure gauge.*  
Max 250 bar, 1/4" G (M) rear central  
attachment, Ø 63 mm.  
**COD.3001**

Max 315 bar, attacco 1/4" G (M)  
centrale posteriore, Ø 63 mm.  
Max 315 bar, 1/4" G (M) rear central  
attachment, Ø 63 mm.  
**COD.41031**

### MH



Manometro.  
Attacco 1/8" G (M) centrale posteriore,  
Ø 40 mm.  
*Pressure gauge.*  
1/8" G (M) rear central attachment, Ø 40 mm.  
**COD.3223 Max 150 bar**  
**COD.1271190 Max 250 bar**



Max 315 bar, attacco 1/4" G (M)  
centrale posteriore, Ø 50 mm.  
Max 315 bar, 1/4" G (M) rear central  
attachment, Ø 50 mm.  
**COD.1381580**



### MR



Manometro.  
Max 250 bar, attacco 1/4" G (M)  
laterale, Ø 63 mm.  
*Pressure gauge.*  
Max 250 bar, 1/4" G (M) bottom  
attachment, Ø 63 mm.  
**COD.740260**

Max 315 bar, 1/4" G (M) bottom  
attachment, Ø 63 mm.  
Max 315 bar, attacco 1/4" G (M) laterale,  
Ø 63 mm.  
**COD.41032**

### PD



Accumulatore.  
*Pulsation dampener.*  
Max 250 bar, -15 +80 °C, INLET: 1/2"  
G (F)  
**COD.50046**

### PX



Pressostato.  
*Pressure switch.*  
40-250 bar, 12-250 Vca, 15A, 90° C  
**COD.51368**

### KIT B



| Piedi. • <i>Base.</i>                                            | COD.         |
|------------------------------------------------------------------|--------------|
| XT, XTA                                                          | <b>1836</b>  |
| XM, XMS, XMA, XHW                                                | <b>2729</b>  |
| RC, RCA, RCS,<br>RR, RRA                                         | <b>42376</b> |
| RK, RKA, RHW                                                     | <b>2729</b>  |
| RG, RW, XW, XWA, SXW,<br>WHW, WHWL, SHP,<br>SHPA, RGX, RGXA, XWP | <b>2748</b>  |

### KIT C



Kit C per XWT • *Kit C for XWT.*  
**COD.2519**





**Tabella portate teoriche con pressioni in bar, portate in L/min e Ø foro equivalente in mm**  
*Theoretical flow chart with pressures in bar, flows in L/min and equivalent nozzle diameter in mm*

| Nozzle      | OUTPUT IN L/1' AT THE INDICATED PRESSURE • PORTATE IN L/1' ALLE PRESSIONI INDICATE |      |      |      |      |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|------------------------------------------------------------------------------------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Type<br>MEG | Ø mm                                                                               | 20   | 30   | 40   | 50   | 60    | 70    | 80    | 90    | 100   | 110   | 120   | 130   | 140   | 150   | 160   | 170   | 180   | 190   | 200   | 210   |
| ..015       | 0,80                                                                               | 1,5  | 1,9  | 2,2  | 2,4  | 2,6   | 2,9   | 3,1   | 3,2   | 3,4   | 3,6   | 3,7   | 3,9   | 4,0   | 4,2   | 4,3   | 4,5   | 4,6   | 4,7   | 4,8   | 5,0   |
| ..02        | 0,91                                                                               | 2,0  | 2,5  | 2,9  | 3,2  | 3,5   | 3,8   | 4,1   | 4,3   | 4,6   | 4,8   | 5,0   | 5,2   | 5,4   | 5,6   | 5,8   | 5,9   | 6,1   | 6,3   | 6,4   | 6,6   |
| ..025       | 1,00                                                                               | 2,5  | 3,1  | 3,6  | 4,0  | 4,4   | 4,8   | 5,1   | 5,4   | 5,7   | 6,0   | 6,2   | 6,5   | 6,7   | 7,0   | 7,2   | 7,4   | 7,6   | 7,9   | 8,1   | 8,3   |
| ..03        | 1,09                                                                               | 3,1  | 3,7  | 4,3  | 4,8  | 5,3   | 5,7   | 6,1   | 6,5   | 6,8   | 7,2   | 7,5   | 7,8   | 8,1   | 8,4   | 8,6   | 8,9   | 9,2   | 9,4   | 9,7   | 9,9   |
| ..035       | 1,12                                                                               | 3,6  | 4,4  | 5,0  | 5,6  | 6,2   | 6,7   | 7,1   | 7,6   | 8,0   | 8,4   | 8,7   | 9,1   | 9,4   | 9,8   | 10,1  | 10,4  | 10,7  | 11,0  | 11,3  | 11,6  |
| ..04        | 1,19                                                                               | 4,1  | 5,0  | 5,8  | 6,4  | 7,1   | 7,6   | 8,2   | 8,6   | 9,1   | 9,6   | 10,0  | 10,4  | 10,8  | 11,2  | 11,5  | 11,9  | 12,2  | 12,6  | 12,9  | 13,2  |
| ..045       | 1,27                                                                               | 4,6  | 5,6  | 6,5  | 7,2  | 7,9   | 8,6   | 9,2   | 9,7   | 10,3  | 10,8  | 11,2  | 11,7  | 12,1  | 12,6  | 13,0  | 13,4  | 13,8  | 14,1  | 14,5  | 14,9  |
| ..05        | 1,35                                                                               | 5,1  | 6,2  | 7,2  | 8,1  | 8,8   | 9,5   | 10,2  | 10,8  | 11,4  | 11,9  | 12,5  | 13,0  | 13,5  | 14,0  | 14,4  | 14,9  | 15,3  | 15,7  | 16,1  | 16,5  |
| ..055       | 1,40                                                                               | 5,6  | 6,9  | 7,9  | 8,9  | 9,7   | 10,5  | 11,2  | 11,9  | 12,5  | 13,1  | 13,7  | 14,3  | 14,8  | 15,3  | 15,9  | 16,3  | 16,8  | 17,3  | 17,7  | 18,2  |
| ..06        | 1,47                                                                               | 6,1  | 7,5  | 8,6  | 9,7  | 10,6  | 11,4  | 12,2  | 13,0  | 13,7  | 14,3  | 15,0  | 15,6  | 16,2  | 16,7  | 17,3  | 17,8  | 18,3  | 18,8  | 19,3  | 19,8  |
| ..065       | 1,52                                                                               | 6,6  | 8,1  | 9,4  | 10,5 | 11,5  | 12,4  | 13,2  | 14,0  | 14,8  | 15,5  | 16,2  | 16,9  | 17,5  | 18,1  | 18,7  | 19,3  | 19,9  | 20,4  | 20,9  | 21,5  |
| ..07        | 1,60                                                                               | 7,1  | 8,7  | 10,1 | 11,3 | 12,4  | 13,3  | 14,3  | 15,1  | 15,9  | 16,7  | 17,5  | 18,2  | 18,9  | 19,5  | 20,2  | 20,8  | 21,4  | 22,0  | 22,6  | 23,1  |
| ..075       | 1,65                                                                               | 7,6  | 9,4  | 10,8 | 12,1 | 13,2  | 14,3  | 15,3  | 16,2  | 17,1  | 17,9  | 18,7  | 19,5  | 20,2  | 20,9  | 21,6  | 22,3  | 22,9  | 23,6  | 24,2  | 24,8  |
| ..08        | 1,70                                                                               | 8,2  | 10,0 | 11,5 | 12,9 | 14,1  | 15,2  | 16,3  | 17,3  | 18,2  | 19,1  | 20,0  | 20,8  | 21,6  | 22,3  | 23,1  | 23,8  | 24,5  | 25,1  | 25,8  | 26,4  |
| ..085       | 1,75                                                                               | 8,7  | 10,6 | 12,2 | 13,7 | 15,0  | 16,2  | 17,3  | 18,4  | 19,4  | 20,3  | 21,2  | 22,1  | 22,9  | 23,7  | 24,5  | 25,2  | 26,0  | 26,7  | 27,4  | 28,1  |
| ..09        | 1,80                                                                               | 9,2  | 11,2 | 13,0 | 14,5 | 15,9  | 17,2  | 18,3  | 19,5  | 20,5  | 21,5  | 22,5  | 23,4  | 24,3  | 25,1  | 25,9  | 26,7  | 27,5  | 28,3  | 29,0  | 29,7  |
| ..095       | 1,85                                                                               | 9,7  | 11,9 | 13,7 | 15,3 | 16,8  | 18,1  | 19,4  | 20,5  | 21,6  | 22,7  | 23,7  | 24,7  | 25,6  | 26,5  | 27,4  | 28,2  | 29,0  | 29,8  | 30,6  | 31,4  |
| ..10        | 1,90                                                                               | 10,2 | 12,5 | 14,4 | 16,1 | 17,6  | 19,1  | 20,4  | 21,6  | 22,8  | 23,9  | 25,0  | 26,0  | 27,0  | 27,9  | 28,8  | 29,7  | 30,6  | 31,4  | 32,2  | 33,0  |
| ..11        | 1,98                                                                               | 11,2 | 13,7 | 15,9 | 17,7 | 19,4  | 21,0  | 22,4  | 23,8  | 25,1  | 26,3  | 27,5  | 28,6  | 29,7  | 30,7  | 31,7  | 32,7  | 33,6  | 34,5  | 35,4  | 36,3  |
| ..12        | 2,08                                                                               | 12,2 | 15,0 | 17,3 | 19,3 | 21,2  | 22,9  | 24,5  | 25,9  | 27,3  | 28,7  | 29,9  | 31,2  | 32,3  | 33,5  | 34,6  | 35,6  | 36,7  | 37,7  | 38,7  | 39,6  |
| ..125       | 2,13                                                                               | 12,7 | 15,6 | 18,0 | 20,1 | 22,1  | 23,8  | 25,5  | 27,0  | 28,5  | 29,9  | 31,2  | 32,5  | 33,7  | 34,9  | 36,0  | 37,1  | 38,2  | 39,3  | 40,3  | 41,3  |
| ..13        | 2,16                                                                               | 13,2 | 16,2 | 18,7 | 20,9 | 22,9  | 24,8  | 26,5  | 28,1  | 29,6  | 31,1  | 32,4  | 33,8  | 35,0  | 36,3  | 37,5  | 38,6  | 39,7  | 40,8  | 41,9  | 42,9  |
| ..14        | 2,26                                                                               | 14,3 | 17,5 | 20,2 | 22,6 | 24,7  | 26,7  | 28,5  | 30,3  | 31,9  | 33,5  | 34,9  | 36,4  | 37,7  | 39,1  | 40,3  | 41,6  | 42,8  | 44,0  | 45,1  | 46,2  |
| ..15        | 2,34                                                                               | 15,3 | 18,7 | 21,6 | 24,2 | 26,5  | 28,6  | 30,6  | 32,4  | 34,2  | 35,8  | 37,4  | 39,0  | 40,4  | 41,9  | 43,2  | 44,6  | 45,8  | 47,1  | 48,3  | 49,5  |
| ..16        | 2,41                                                                               | 16,3 | 20,0 | 23,1 | 25,8 | 28,2  | 30,5  | 32,6  | 34,6  | 36,5  | 38,2  | 39,9  | 41,6  | 43,1  | 44,6  | 46,1  | 47,5  | 48,9  | 50,2  | 51,6  | 52,8  |
| ..18        | 2,54                                                                               | 18,3 | 22,5 | 25,9 | 29,0 | 31,8  | 34,3  | 36,7  | 38,9  | 41,0  | 43,0  | 44,9  | 46,8  | 48,5  | 50,2  | 51,9  | 53,5  | 55,0  | 56,5  | 58,0  | 59,4  |
| ..20        | 2,69                                                                               | 20,4 | 25,0 | 28,8 | 32,2 | 35,3  | 38,1  | 40,8  | 43,2  | 45,6  | 47,8  | 49,9  | 52,0  | 53,9  | 55,8  | 57,6  | 59,4  | 61,1  | 62,8  | 64,4  | 66,0  |
| ..25        | 2,99                                                                               | 25,5 | 31,2 | 36,0 | 40,3 | 44,1  | 47,7  | 50,9  | 54,0  | 57,0  | 59,7  | 62,4  | 64,9  | 67,4  | 69,8  | 72,0  | 74,3  | 76,4  | 78,5  | 80,6  | 82,5  |
| ..30        | 3,30                                                                               | 30,6 | 37,4 | 43,2 | 48,3 | 52,9  | 57,2  | 61,1  | 64,8  | 68,3  | 71,7  | 74,9  | 77,9  | 80,9  | 83,7  | 86,5  | 89,1  | 91,7  | 94,2  | 96,7  | 99,0  |
| ..40        | 3,80                                                                               | 40,8 | 49,9 | 57,6 | 64,4 | 70,6  | 76,2  | 81,5  | 86,5  | 91,1  | 95,6  | 99,8  | 103,9 | 107,8 | 111,6 | 115,3 | 118,8 | 122,3 | 125,6 | 128,9 | 132,1 |
| ..50        | 4,20                                                                               | 50,9 | 62,4 | 72,0 | 80,6 | 88,2  | 95,3  | 101,9 | 108,1 | 113,9 | 119,5 | 124,8 | 129,9 | 134,8 | 139,5 | 144,1 | 148,5 | 152,8 | 157,0 | 161,1 | 165,1 |
| ..60        | 4,70                                                                               | 61,1 | 74,9 | 86,5 | 96,7 | 105,9 | 114,4 | 122,3 | 129,7 | 136,7 | 143,4 | 149,7 | 155,9 | 161,7 | 167,4 | 172,9 | 178,2 | 183,4 | 188,4 | 193,3 | 198,1 |

Nozzle output must not exceed 90 ÷ 95% of pump's output • La portata dei getti non deve superare il 90 ÷ 95% della portata della pompa.

**Tabella portate teoriche con pressioni in bar, portate in L/min e Ø foro equivalente in mm**  
*Theoretical flow chart with pressures in bar, flows in L/min and equivalent nozzle diameter in mm*



| Nozzle      | OUTPUT IN L/1' AT THE INDICATED PRESSURE • PORTATE IN L/1' ALLE PRESSIONI INDICATE |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |       |
|-------------|------------------------------------------------------------------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Type<br>MEG | Ø mm                                                                               | 220   | 230   | 240   | 250   | 260   | 270   | 280   | 290   | 300   | 325   | 350   | 375   | 400   | 425   | 450   | 475   | 500   | 525   | 550   | 600   |
| ..015       | 0,80                                                                               | 5,1   | 5,2   | 5,3   | 5,4   | 5,5   | 5,6   | 5,7   | 5,8   | 5,9   | 6,2   | 6,4   | 6,6   | 6,8   | 7,0   | 7,2   | 7,4   | 7,6   | 7,8   | 8,0   | 8,4   |
| ..02        | 0,91                                                                               | 6,8   | 6,9   | 7,1   | 7,2   | 7,3   | 7,5   | 7,6   | 7,8   | 7,9   | 8,2   | 8,5   | 8,8   | 9,1   | 9,4   | 9,7   | 9,9   | 10,2  | 10,4  | 10,7  | 11,2  |
| ..025       | 1,00                                                                               | 8,4   | 8,6   | 8,8   | 9,0   | 9,2   | 9,4   | 9,5   | 9,7   | 9,9   | 10,3  | 10,7  | 11,0  | 11,4  | 11,7  | 12,1  | 12,4  | 12,7  | 13,1  | 13,4  | 14,0  |
| ..03        | 1,09                                                                               | 10,1  | 10,4  | 10,6  | 10,8  | 11,0  | 11,2  | 11,4  | 11,6  | 11,8  | 12,3  | 12,8  | 13,2  | 13,7  | 14,1  | 14,5  | 14,9  | 15,3  | 15,7  | 16,0  | 16,7  |
| ..035       | 1,12                                                                               | 11,8  | 12,1  | 12,4  | 12,6  | 12,9  | 13,1  | 13,3  | 13,6  | 13,8  | 14,4  | 14,9  | 15,4  | 15,9  | 16,4  | 16,9  | 17,4  | 17,8  | 18,3  | 18,7  | 19,5  |
| ..04        | 1,19                                                                               | 13,5  | 13,8  | 14,1  | 14,4  | 14,7  | 15,0  | 15,2  | 15,5  | 15,8  | 16,4  | 17,0  | 17,6  | 18,2  | 18,8  | 19,3  | 19,9  | 20,4  | 20,9  | 21,4  | 22,3  |
| ..045       | 1,27                                                                               | 15,2  | 15,5  | 15,9  | 16,2  | 16,5  | 16,8  | 17,2  | 17,5  | 17,8  | 18,5  | 19,2  | 19,9  | 20,5  | 21,1  | 21,7  | 22,3  | 22,9  | 23,5  | 24,0  | 25,1  |
| ..05        | 1,35                                                                               | 16,9  | 17,3  | 17,6  | 18,0  | 18,4  | 18,7  | 19,1  | 19,4  | 19,7  | 20,5  | 21,3  | 22,1  | 22,8  | 23,5  | 24,2  | 24,8  | 25,5  | 26,1  | 26,7  | 27,9  |
| ..055       | 1,40                                                                               | 18,6  | 19,0  | 19,4  | 19,8  | 20,2  | 20,6  | 21,0  | 21,3  | 21,7  | 22,6  | 23,4  | 24,3  | 25,1  | 25,8  | 26,6  | 27,3  | 28,0  | 28,7  | 29,4  | 30,7  |
| ..06        | 1,47                                                                               | 20,3  | 20,7  | 21,2  | 21,6  | 22,0  | 22,5  | 22,9  | 23,3  | 23,7  | 24,6  | 25,6  | 26,5  | 27,3  | 28,2  | 29,0  | 29,8  | 30,6  | 31,3  | 32,1  | 33,5  |
| ..065       | 1,52                                                                               | 22,0  | 22,5  | 22,9  | 23,4  | 23,9  | 24,3  | 24,8  | 25,2  | 25,6  | 26,7  | 27,7  | 28,7  | 29,6  | 30,5  | 31,4  | 32,3  | 33,1  | 33,9  | 34,7  | 36,3  |
| ..07        | 1,60                                                                               | 23,7  | 24,2  | 24,7  | 25,2  | 25,7  | 26,2  | 26,7  | 27,2  | 27,6  | 28,8  | 29,8  | 30,9  | 31,9  | 32,9  | 33,8  | 34,8  | 35,7  | 36,5  | 37,4  | 39,1  |
| ..075       | 1,65                                                                               | 25,3  | 25,9  | 26,5  | 27,0  | 27,6  | 28,1  | 28,6  | 29,1  | 29,6  | 30,8  | 32,0  | 33,1  | 34,2  | 35,2  | 36,2  | 37,2  | 38,2  | 39,2  | 40,1  | 41,9  |
| ..08        | 1,70                                                                               | 27,0  | 27,6  | 28,2  | 28,8  | 29,4  | 29,9  | 30,5  | 31,0  | 31,6  | 32,9  | 34,1  | 35,3  | 36,5  | 37,6  | 38,7  | 39,7  | 40,8  | 41,8  | 42,7  | 44,6  |
| ..085       | 1,75                                                                               | 28,7  | 29,4  | 30,0  | 30,6  | 31,2  | 31,8  | 32,4  | 33,0  | 33,5  | 34,9  | 36,2  | 37,5  | 38,7  | 39,9  | 41,1  | 42,2  | 43,3  | 44,4  | 45,4  | 47,4  |
| ..09        | 1,80                                                                               | 30,4  | 31,1  | 31,8  | 32,4  | 33,1  | 33,7  | 34,3  | 34,9  | 35,5  | 37,0  | 38,4  | 39,7  | 41,0  | 42,3  | 43,5  | 44,7  | 45,8  | 47,0  | 48,1  | 50,2  |
| ..095       | 1,85                                                                               | 32,1  | 32,8  | 33,5  | 34,2  | 34,9  | 35,6  | 36,2  | 36,9  | 37,5  | 39,0  | 40,5  | 41,9  | 43,3  | 44,6  | 45,9  | 47,2  | 48,4  | 49,6  | 50,8  | 53,0  |
| ..10        | 1,90                                                                               | 33,8  | 34,6  | 35,3  | 36,0  | 36,7  | 37,4  | 38,1  | 38,8  | 39,5  | 41,1  | 42,6  | 44,1  | 45,6  | 47,0  | 48,3  | 49,7  | 50,9  | 52,2  | 53,4  | 55,8  |
| ..11        | 1,98                                                                               | 37,2  | 38,0  | 38,8  | 39,6  | 40,4  | 41,2  | 41,9  | 42,7  | 43,4  | 45,2  | 46,9  | 48,5  | 50,1  | 51,7  | 53,2  | 54,6  | 56,0  | 57,4  | 58,8  | 61,4  |
| ..12        | 2,08                                                                               | 40,6  | 41,5  | 42,4  | 43,2  | 44,1  | 44,9  | 45,7  | 46,6  | 47,4  | 49,3  | 51,1  | 52,9  | 54,7  | 56,4  | 58,0  | 59,6  | 61,1  | 62,6  | 64,1  | 67,0  |
| ..125       | 2,13                                                                               | 42,2  | 43,2  | 44,1  | 45,0  | 45,9  | 46,8  | 47,7  | 48,5  | 49,3  | 51,3  | 53,3  | 55,1  | 57,0  | 58,7  | 60,4  | 62,1  | 63,7  | 65,3  | 66,8  | 69,8  |
| ..13        | 2,16                                                                               | 43,9  | 44,9  | 45,9  | 46,8  | 47,8  | 48,7  | 49,6  | 50,4  | 51,3  | 53,4  | 55,4  | 57,4  | 59,2  | 61,1  | 62,8  | 64,6  | 66,2  | 67,9  | 69,5  | 72,5  |
| ..14        | 2,26                                                                               | 47,3  | 48,4  | 49,4  | 50,4  | 51,4  | 52,4  | 53,4  | 54,3  | 55,2  | 57,5  | 59,7  | 61,8  | 63,8  | 65,8  | 67,7  | 69,5  | 71,3  | 73,1  | 74,8  | 78,1  |
| ..15        | 2,34                                                                               | 50,7  | 51,8  | 52,9  | 54,0  | 55,1  | 56,2  | 57,2  | 58,2  | 59,2  | 61,6  | 63,9  | 66,2  | 68,3  | 70,5  | 72,5  | 74,5  | 76,4  | 78,3  | 80,1  | 83,7  |
| ..16        | 2,41                                                                               | 54,1  | 55,3  | 56,5  | 57,6  | 58,8  | 59,9  | 61,0  | 62,1  | 63,1  | 65,7  | 68,2  | 70,6  | 72,9  | 75,1  | 77,3  | 79,4  | 81,5  | 83,5  | 85,5  | 89,3  |
| ..18        | 2,54                                                                               | 60,8  | 62,2  | 63,5  | 64,8  | 66,1  | 67,4  | 68,6  | 69,8  | 71,0  | 73,9  | 76,7  | 79,4  | 82,0  | 84,5  | 87,0  | 89,4  | 91,7  | 94,0  | 96,2  | 100,5 |
| ..20        | 2,69                                                                               | 67,6  | 69,1  | 70,6  | 72,0  | 73,5  | 74,9  | 76,2  | 77,6  | 78,9  | 82,1  | 85,2  | 88,2  | 91,1  | 93,9  | 96,7  | 99,3  | 101,9 | 104,4 | 106,9 | 111,6 |
| ..25        | 2,99                                                                               | 84,5  | 86,4  | 88,2  | 90,1  | 91,8  | 93,6  | 95,3  | 97,0  | 98,7  | 102,7 | 106,6 | 110,3 | 113,9 | 117,4 | 120,8 | 124,1 | 127,4 | 130,5 | 133,6 | 139,5 |
| ..30        | 3,30                                                                               | 101,4 | 103,7 | 105,9 | 108,1 | 110,2 | 112,3 | 114,4 | 116,4 | 118,4 | 123,2 | 127,9 | 132,4 | 136,7 | 140,9 | 145,0 | 149,0 | 152,8 | 156,6 | 160,3 | 167,4 |
| ..40        | 3,80                                                                               | 135,2 | 138,2 | 141,2 | 144,1 | 146,9 | 149,7 | 152,5 | 155,2 | 157,8 | 164,3 | 170,5 | 176,5 | 182,3 | 187,9 | 193,3 | 198,6 | 203,8 | 208,8 | 213,7 | 223,2 |
| ..50        | 4,20                                                                               | 169,0 | 172,8 | 176,5 | 180,1 | 183,7 | 187,2 | 190,6 | 194,0 | 197,3 | 205,4 | 213,1 | 220,6 | 227,8 | 234,8 | 241,7 | 248,3 | 254,7 | 261,0 | 267,2 | 279,0 |
| ..60        | 4,70                                                                               | 202,8 | 207,3 | 211,8 | 216,1 | 220,4 | 224,6 | 228,7 | 232,8 | 236,8 | 246,4 | 255,7 | 264,7 | 273,4 | 281,8 | 290,0 | 297,9 | 305,7 | 313,2 | 320,6 | 334,8 |

Nozzle output must not exceed 90 ÷ 95% of pump's output • La portata dei getti non deve superare il 90 ÷ 95% della portata della pompa.



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AMERICA**

Shanghai - CINA



**CHINA**  
艾热中国

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Romagnano Sesia - ITALIA



Reggio Emilia - ITALIA



Reggio Emilia - ITALIA





Ace Pumps offre una linea completa di pompe centrifughe per svariate applicazioni industriali.

Versioni:

- Motore Idraulico
- PTO
- Trasmissione a cinghia
- Motore a scoppio
- Pressioni fino a 11 bar (160 psi)

Applicazioni:

Agricoltura  
Deicing  
Municipalità  
Cantieri ed edilizia  
Industria mineraria  
Antincendio  
Abbattimento polveri

*Ace Pumps offers a complete line of centrifugal pumps for mobile applications:*

Versions:

- Hydraulic Driven
- PTO
- Belt Driven
- Gasoline Engine Driven
- Pressure up to 11 bar (160 psi)

Applications:

Agriculture  
Deicing  
Municipality  
Construction sites and building  
Mining industry  
Firefighting  
Dust suppression





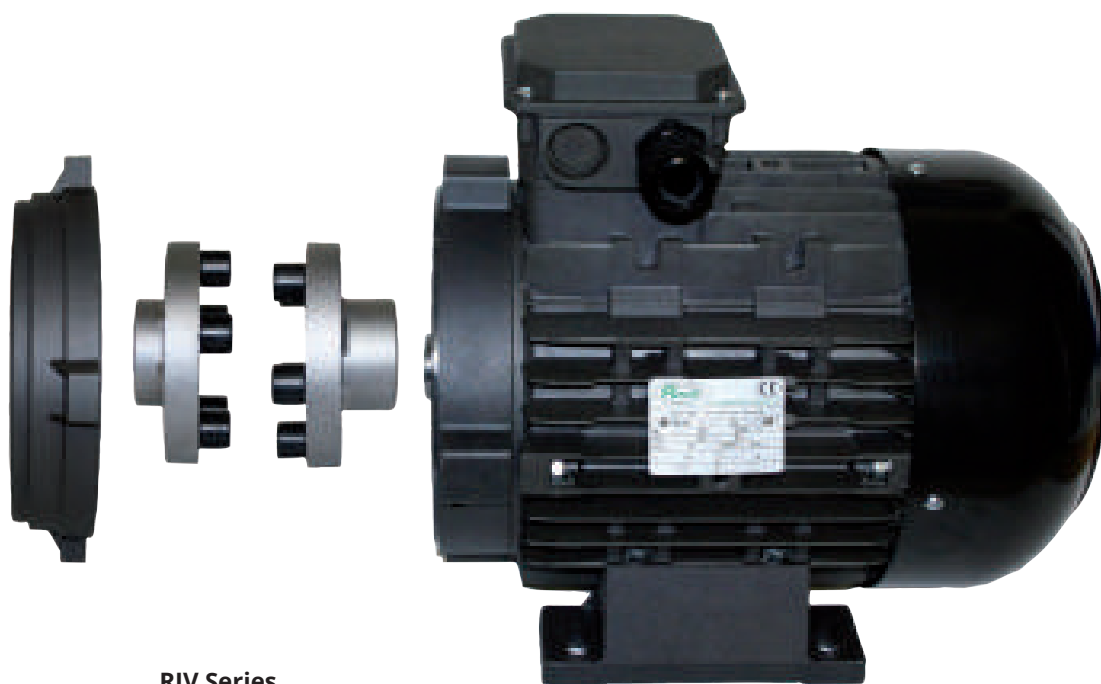
RT Series



RV Series



Rsf Series



RJV Series

Il nuovo motore elettrico Ravel con giunto interno è la soluzione ideale per l'accoppiamento tra pompa alta pressione e motore.

Ha le dimensioni di ingombro ridotte proprie della versione motore albero cavo mantenendo però tutti i vantaggi

tecnici e di manutenzione del motore standard con campana e giunto.

Nella parte anteriore è dotato di scudo e flangia: il primo, provvisto di cuscinetto, protegge l'interno del motore mentre la seconda sostiene la pompa e contiene il giunto elastico.

Nuovo design, la qualità Ravel di sempre.

*The new Ravel electric motor with internal joint is the ideal way to couple high pressure pump to the motor. It has reduced overall dimensions of hollow shaft motor while keeping all the technical and maintenance advantages of standard motor with bell housing and flexible joint.*

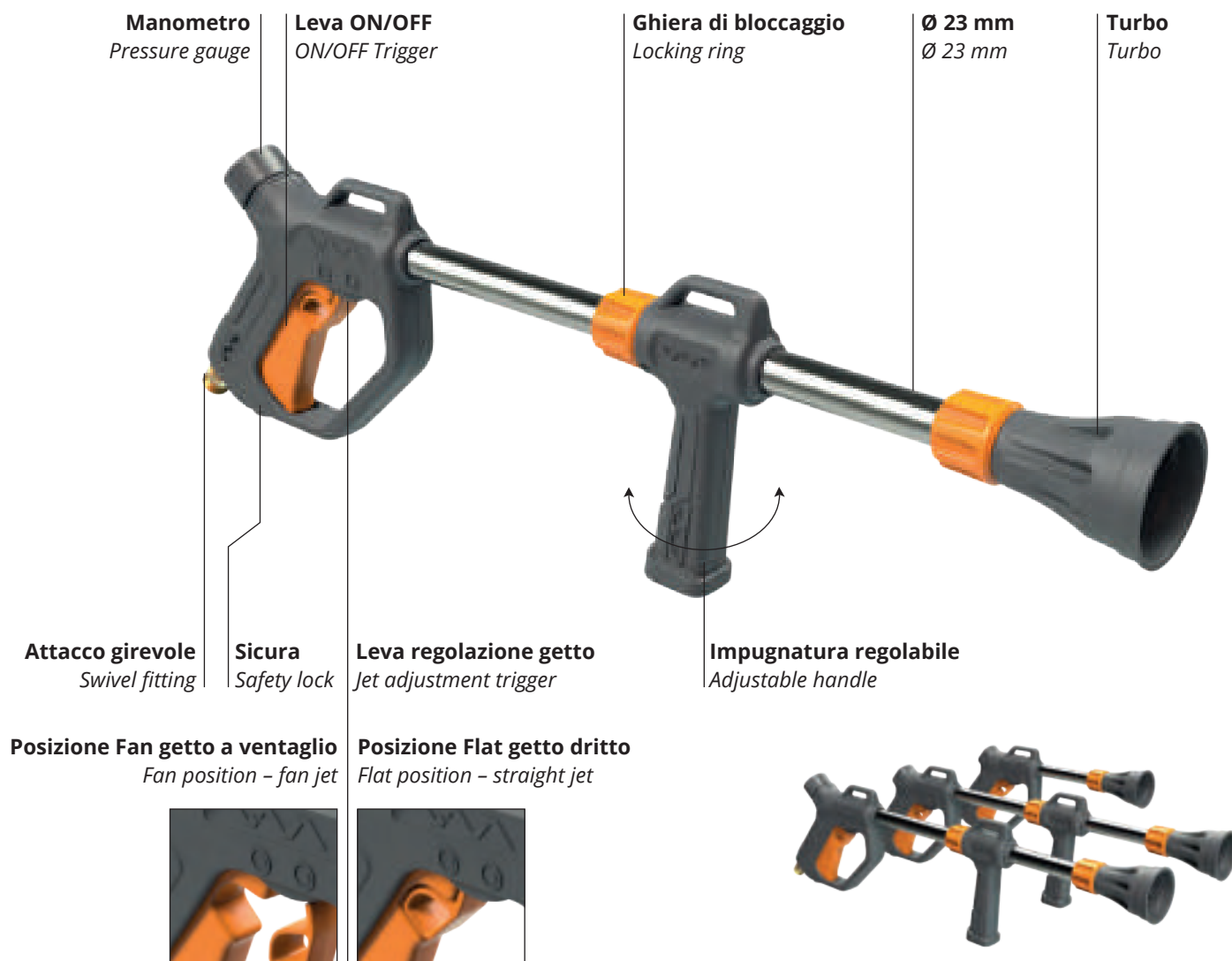
*It has the shield and flange on front side: the first, equipped with bearing, protects the inside motor while the second supports the pump and contains the flexible joint. New design, same high Ravel quality.*



## ANTARES

Lancia ad alta pressione con turbo

High pressure spray lance with turbo







Applicazioni *Applications*



**lavaggio industriale**  
*industrial cleaning*



**idropultrici**  
*pressure washers*



**processi industriali**  
*industrial processes*



**autolavaggio**  
*car wash*



**produzione**  
*manufacturing*



**agricoltura**  
*agriculture*



**industria alimentare**  
*food industry*



**municipality**



**misting**



**pulizia tubazioni**  
*sewer jetting*



**cantieri ed edilizia**  
*construction industry*



**settore navale**  
*marine industry*



**antincendio**  
*fire fighting*



**atomizzatori**  
*atomizers*



**deicing**  
*deicing*



**antincendio**  
*fire-fighting*

Tecniche *Technical*



**pressione massima**  
*max pressure*



**flusso massimo**  
*max flow rate*



**RPM**



**potenza assorbita**  
*absorbed power*



**temperatura**  
*temperature*



**peso netto**  
*net weight*



**frequenza motore**  
*motor frequency*

Core



**testa in ottone**  
*brass head*



**testa in alluminio**  
*aluminium head*



**testa nichelata**  
*nichel plated head*



**testa in inox**  
*inox head*



**bielle in bronzo**  
*connecting-rods in bronze*



**bielle in alluminio**  
*connecting-rods in aluminium*



**motore a scoppio**  
*gasoline engine*



**motore elettrico**  
*electric engine*



**motore idraulico**  
*hydraulic drive*



**MAX 85°**



**PTFE**  
*PTFE gasket sealing*



**TSS**  
*Total Stop SYSTEM*



**TST**  
*Total Stop SYSTEM TIMED*

Generiche *Generic*

**NEW**

**novità**  
*new*

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