

### APPLICAZIONI

Elettropompe per drenaggio con girante immersa tipo Vortex arretrata che consente ampi passaggi liberi anche integrali. Adatte per il sollevamento di liquidi biologici e fognari, con sostanze colloidali ed oleose e per scarichi di origine civile ed industriale.

### LIMITI D'IMPIEGO

- Temperatura liquido fino a 35°C  
(per un uso domestico secondo EN 60335-2-41)  
Temperatura max. liquido: 50°C (per altri impieghi)
- Massima profondità d'immersione 20 mt.  
(con cavo di lunghezza adatta)
- Passaggio solidi Ø 50 mm
- Livello min. d'aspirazione 140 mm
- Servizio continuo

### MOTORE

- Motore 2 poli a induzione in bagno d'olio
- Monofase 230V-50Hz
- Trifase 230/400V-50Hz
- Isolamento Classe F
- Protezione IP 68
- Protettore termico (solo monofase)

### MATERIALI

- |   |   |
|---|---|
| - Corpo motore                                | Ghisa                                       |
| - Corpo pompa                                 | Ghisa                                       |
| - Girante                                     | Ghisa                                       |
| - Albero motore                               | Acciaio Inox AISI 304                       |
| - Doppia tenuta meccanica<br>in camera d'olio | Ceramica/Grafite/NBR<br>Silicio/Silicio/NBR |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C  
(for home use according to EN 60335-2-41)  
Temperature max. liquid: 50°C (for other uses)
- Maximum immersion depth 20 mt.  
(with a cable of the appropriate length)
- Grain size inlet Ø 50 mm
- Min. suction level 140 mm
- Continuous duty

### MOTOR

- 2 pole induction motor in oil bath
- Single-phase 230V-50Hz
- Three-phase 230/400V-50Hz
- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

### MATERIALS

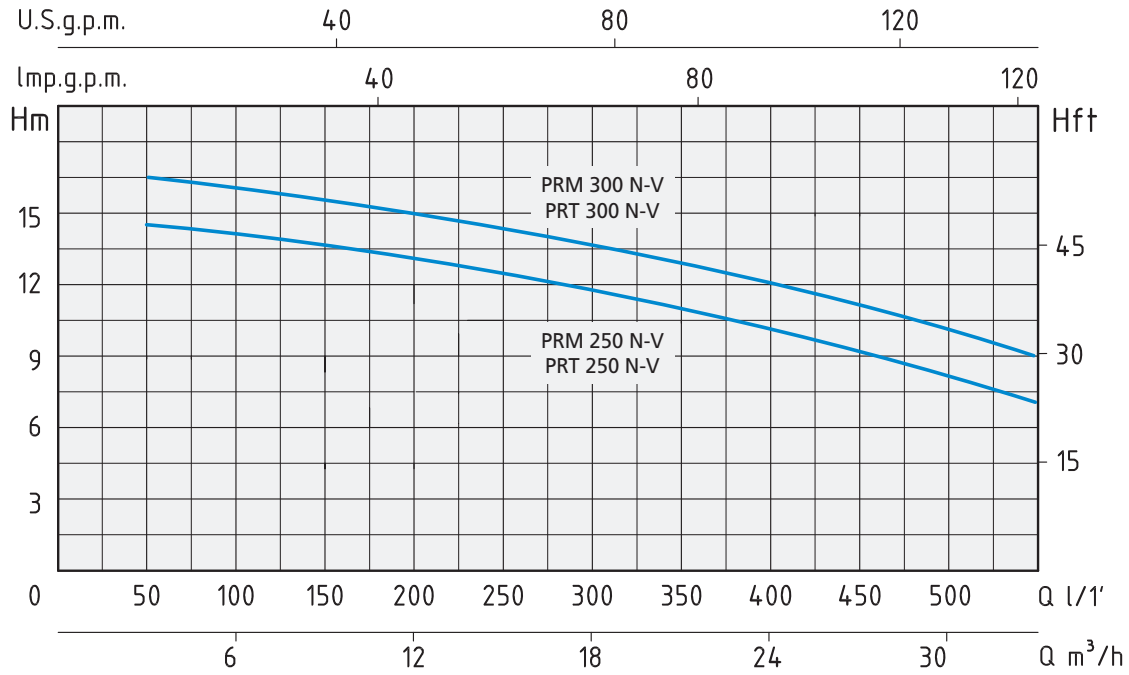
- |  |   |
|--|---|
| - Motor body                               | Cast Iron                                   |
| - Pump body                                | Cast Iron                                   |
| - Impeller                                 | Cast Iron                                   |
| - Shaft with rotor                         | Stainless Steel AISI 304                    |
| - Double mechanical seal<br>in oil chamber | Ceramic/Graphite/NBR<br>Silicon/Silicon/NBR |

### APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type, which allows free passage of suspended parts. Suitable in civil and industrial water systems, for cesspool drainage with oily or chemical liquids, for dirty waters with solid and particularly fibrous particles and for zootechnical waste waters.



GIRANTE - IMPELLER

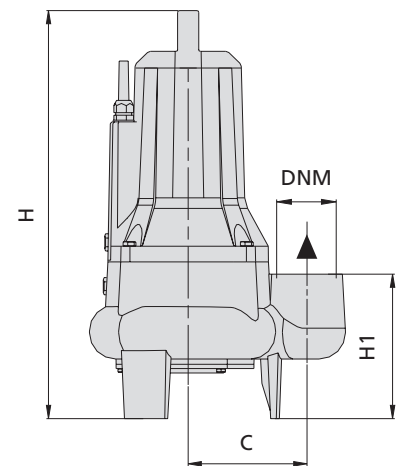
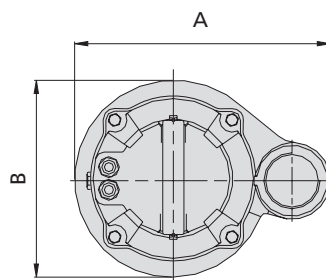


| TIPO<br>TYPE             |                        | POTENZA<br>NOMINALE<br>NOMINAL<br>POWER |      | POTENZA<br>ASSORBITA<br>INPUT<br>POWER | AMPERE                   |                        | Q = PORTATA - CAPACITY  |      |    |      |    |      |    |      |    |      |    |
|--------------------------|------------------------|---|------|--|--------------------------|------------------------|---|------|----|------|----|------|----|------|----|------|----|
| Monofase<br>Single-phase | Trifase<br>Three-phase | P2                                      |      | P1                                     | Monofase<br>Single-phase | Trifase<br>Three-phase | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |      |    |      |    |      |    |      |    |      |    |
|                          |                        | HP                                      | kW   | kW                                     |                          |                        | m³/h  | 3    | 6  | 9    | 12 | 15   | 18 | 21   | 24 | 27   | 30 |
| PRM 250 N-V              | PRT 250 N-V            | 2,5                                     | 1,85 | 2,6                                    | 11                       | 4,6                    | H   | 14,5 | 14 | 13,5 | 13 | 12,5 | 12 | 11,5 | 11 | 9    | 7  |
| PRM 300 N-V              | PRT 300 N-V            | 3                                       | 2,2  | 3                                      | 14                       | 5,5                    | (m)   | 16,5 | 16 | 15,5 | 15 | 14,5 | 14 | 13,5 | 13 | 11,5 | 9  |

QUADRO ELETTROMECCANICO DI AVVIAMENTO  
ELECTROMECHANICAL PANEL START-UP



INCLUSO NEI MODELLI MONOFASE  
INCLUDED IN THE SINGLE-PHASE MODELS



| TIPO<br>TYPE             |                        | DIMENSIONI mm - DIMENSIONS mm |     |     |     |     |     |                |  | DIMENSIONI<br>DIMENSIONS<br>mm |     |     | PESO<br>WEIGHT |
|--------------------------|------------------------|-------------------------------|-----|-----|-----|-----|-----|----------------|--|--------------------------------|-----|-----|----------------|
| Monofase<br>Single-phase | Trifase<br>Three-phase | A                             | B   | C   | H   | H1  | DNM | CAVO<br>CABLE  | Passaggio<br>solidi (mm)<br>Grain size<br>inlet (mm) | P                              | L   | H   | Kg             |
| PRM 250 N-V              | PRT 250 N-V            | 339                           | 250 | 160 | 548 | 203 | 2"½ | 10 mt H07RN8-F | Ø 50   | 285                            | 380 | 702 | 47,5           |
| PRM 300 N-V              | PRT 300 N-V            | 339                           | 250 | 160 | 548 | 203 | 2"½ | 10 mt H07RN8-F | Ø 50   | 285                            | 380 | 702 | 50,3           |