

### APPLICAZIONI

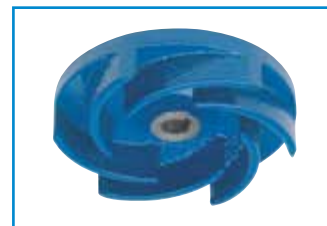
Elettropompe per drenaggio con girante immersa tipo Vortex arretrata.

Adatte per il sollevamento di liquidi biologici, leggermente carichi e schiumosi, liquidi fognari e depurati da griglie con sostanze oleose, scarichi di origine civile e industriale.

### APPLICATION

Submersible drainage pumps with plunged back impeller Vortex type.

Suitable in civil and industrial water systems, for cesspool drainage with slightly dirty or foamy liquids, for oily waters cleaned by grid.



### LIMITI D'IMPIEGO

- Temperatura liquido fino a 35° C
- Massima profondità d'immersione 20 mt. (con cavo di adatta lunghezza)
- Passaggio solidi Ø 30 mm
- Livello min. d'aspirazione 100 mm
- Servizio continuo

### MOTORE

- 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 |
| - Tenuta meccanica con camera d'olio | Silicio/Silicio/NBR   |

### OPERATING CONDITIONS

- Liquid temperature up to 35°C
- Maximum immersion depth 20 mt. (with a cable of the appropriate length)
- Grain size inlet Ø 30 mm
- Min. suction level 100 mm
- Continuous duty

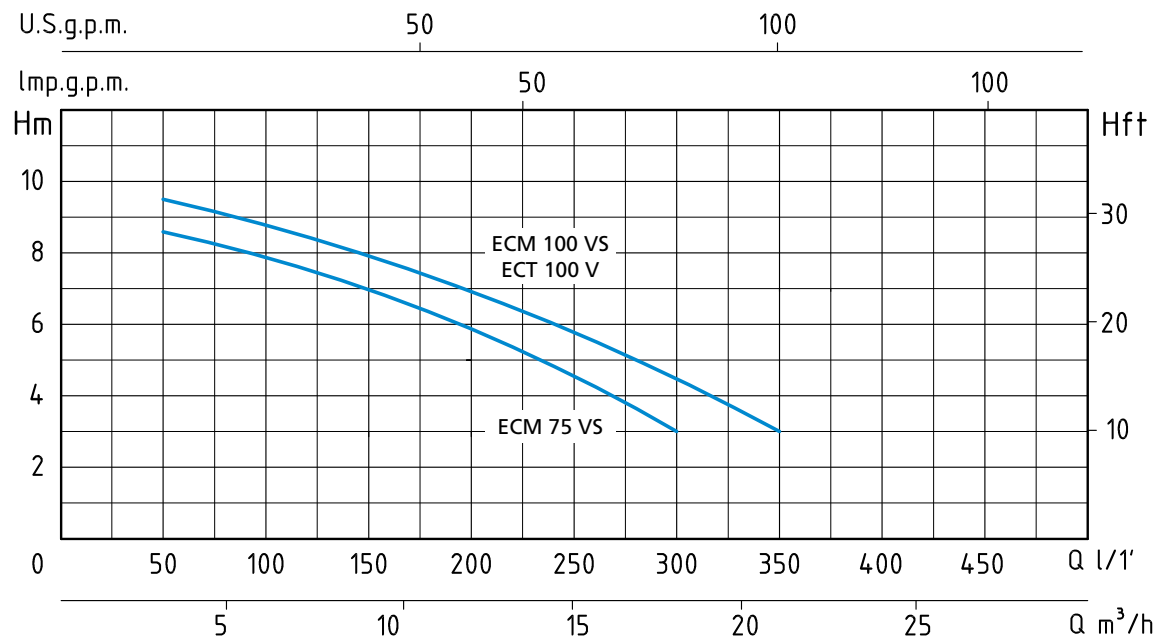
### MOTOR

- Insulation Class F
- Protection IP 68
- Thermic protection (only single-phase)

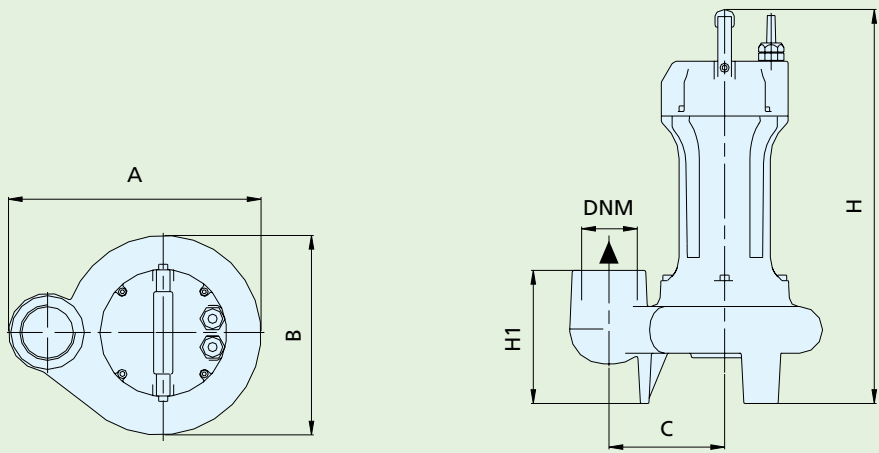
### MATERIALS

- |                                    |                          |
|------------------------------------|--------------------------|
| - Motor body                       | Cast Iron                |
| - Pump body                        | Cast Iron                |
| - Impeller                         | Cast Iron                |
| - Shaft with rotor                 | Stainless Steel AISI 304 |
| - Mechanical seal with oil chamber | Silicon/Silicon/NBR      |





| 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 | m³/h                                                                | 3   | 6   | 9   | 12  | 15  | 18  | 21  |
|                          |                        | HP                                      | kW   | kW                                     |                          |                        | lt/1'                                                               | 50  | 100 | 150 | 200 | 250 | 300 | 350 |
| 230V-50Hz                | 230/400V-50Hz          |                                         |      |                                        | 1 x 230V                 | 3 x 400V               | Prevalenza manometrica totale in m.C.A. - Total head in meters w.c. |     |     |     |     |     |     |     |
| ECM 75 VS                |                        | 0,75                                    | 0,55 | 0,9                                    | 4                        |                        | H                                                                   | 8,5 | 8   | 7   | 5,5 | 4   | 3   |     |
| ECM 100 VS               | ECT 100 V              | 1                                       | 0,75 | 1,1                                    | 4,8                      | 2,2                    | (m)                                                                 | 9,5 | 9   | 8   | 6,5 | 5   | 4   | 3   |



| 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 | P                              | L   | H   | Kg             |
| ECM 75 VS                |                        | 278                           | 218 | 126 | 430 | 145 | 2"  | 10 mt H07RNF  | 230                            | 300 | 490 | 19,5           |
| ECM 100 VS               | ECT 100 V              | 278                           | 218 | 126 | 430 | 145 | 2"  | 10 mt H07RNF  | 230                            | 300 | 490 | 20             |