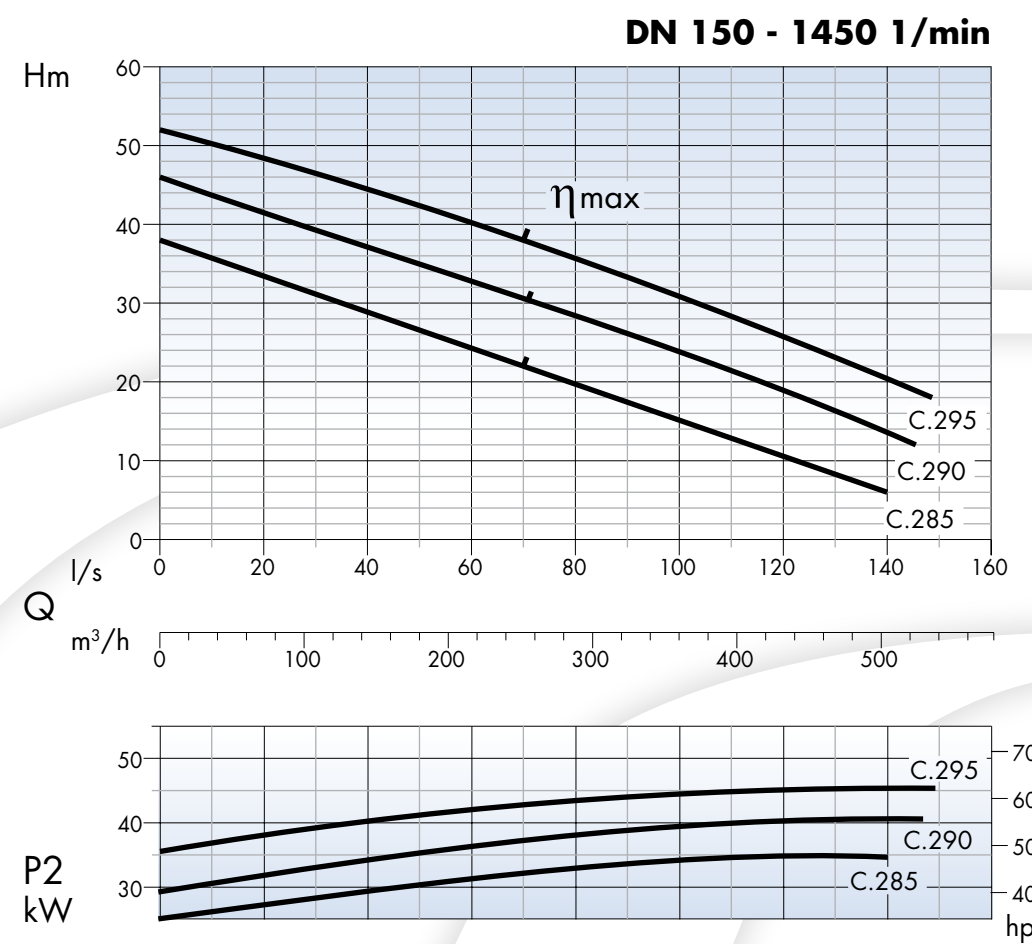




Girante MONOCANALE  
Impeller SINGLE CHANNEL



Passaggio corpi solidi  
Free passage  
C.285 Ø 110 mm  
C.290 Ø 120 mm  
C.295 Ø 130 mm



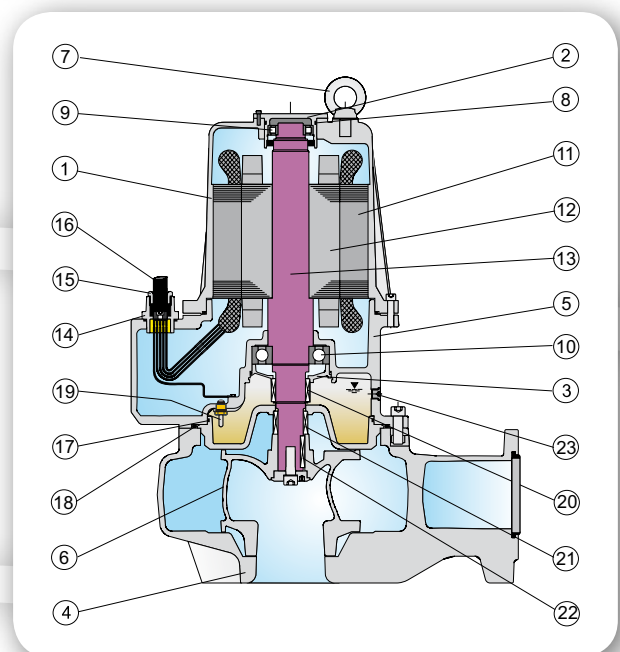
- Applicazioni**  
Elettropompa sommergibile con alte prestazioni per fognature. Per il convogliamento di acque nere grezze, fanghi di ricircolo e fanghi caldi, miscugli di acque, fanghi grezzi e fanghi putridi, fanghi ravvivati.
- Motore**  
Motore asincrono a 4 poli con rotore a gabbia di scoiattolo. Isolamento Statore: Classe F = 155°C. Grado Protezione: IP 68
- Tenute**  
Tenuta lato motore: Carburo di silicio+Viton Ø65  
Tenuta lato girante: Carburo di silicio+Viton Ø65
- Direttive, Normative, Tolleranze**  
Curve secondo ISO 9906 livello 2

- Applications**  
Submersible electric motor pump for high delivery operations for sewage plants. For pumping of raw dirty waters, flow-by and hot sludge, mixed waters, raw and rotten sludge, stirred sludge.
- Motor**  
Asynchronous electric 4 poles motor with squirrel-cage rotor. Stator Insulation: F = 155 °C. Protection class: IP 68
- Seals**  
Seal type applied to the motor side: Silicon-Carbide+Viton Ø65  
Seal type applied to the wet end side: Silicon-Carbide+Viton Ø65
- Directives, Norms, Tolerances**  
Curves as per ISO 9906, Grade 2

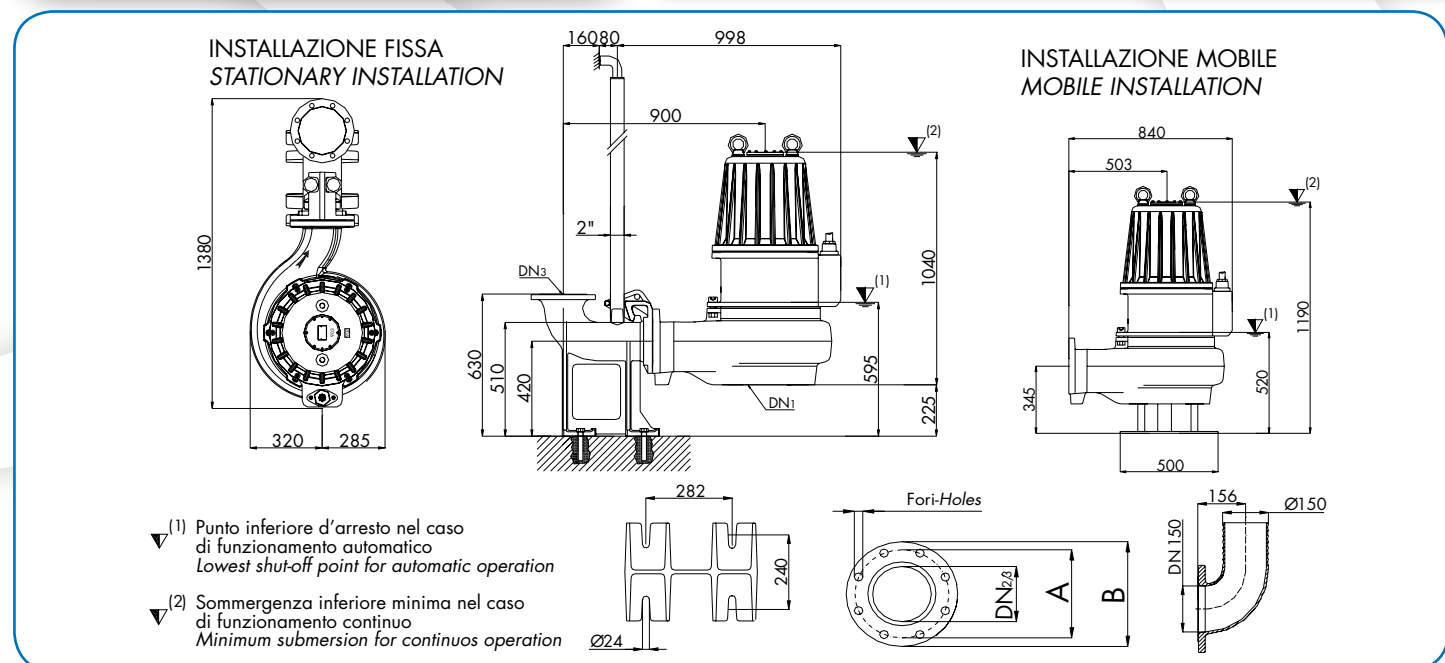
Dati Tecnici - Specifications

| Tipo - Type         | Q                | l/s  | 10   | 20  | 30    | 40       | 50         | 60   | 80   | 100   | 120   | 140   |
|---------------------|------------------|------|------|-----|-------|----------|------------|------|------|-------|-------|-------|
|                     |                  | l/m  | 600  | 120 | 1800  | 2400     | 3000       | 3600 | 4800 | 6000  | 7200  | 8400  |
|                     |                  | m³/h | 36   | 72  | 108   | 144      | 180        | 216  | 288  | 360   | 432,0 | 504,0 |
| AT 150/4/340 C. 285 | H m              |      | 36   | 34  | 31    | 29       | 26         | 24   | 20   | 15    | 10    | 6     |
| AT 150/4/340 C. 290 |                  |      | 44   | 42  | 39    | 37       | 35         | 33   | 28   | 24    | 19    | 14    |
| AT 150/4/340 C. 295 |                  |      | 50   | 48  | 46    | 44       | 42         | 40   | 36   | 31    | 26    | 20    |
| Tipo - Type         | Mandata Delivery | kW   |      |     |       | R.p.m.   | Poli Poles | A    | Hz   | cos φ |       |       |
|                     |                  | P1   | P2   | Hp  | 1/min | 400V 3 ~ |            |      |      |       |       |       |
|                     |                  |      |      |     |       |          |            |      |      |       |       |       |
| AT 150/4/340 C. 285 | Dn2 - 150        |      | 37,5 | 35  | 47    | 1450     | 4          | 68   | 50   | 0,84  |       |       |
| AT 150/4/340 C. 290 |                  |      | 44,2 | 40  | 54    | 1450     | 4          | 75,3 | 50   | 0,86  |       |       |
| AT 150/4/340 C. 295 |                  |      | 48,5 | 45  | 61    | 1450     | 4          | 92,2 | 50   | 0,85  |       |       |

AT 150/4/340 C. 285-290-295



| Descrizione<br>Description                        | Materiali<br>Materials                               |
|---------------------------------------------------|------------------------------------------------------|
| 1 Cassa motore - Motor casing                     | Ghisa G25 - Cast iron G25                            |
| 2 Porta cuscinetto - Bearing support              |                                                      |
| 3 Ghiera blocca cuscinetto - Bearing locking ring |                                                      |
| 4 Corpo pompa - Pump casing                       |                                                      |
| 5 Porta motore - Motor support                    |                                                      |
| 6 Girante - Impeller                              |                                                      |
| 7 Anello catena - Chain ring                      | Acciaio inox Aisi 416 - Stainless steel Aisi 416     |
| 8 O' Ring - O' Ring                               | Gomma nitrilica - Nitrilic rubber                    |
| 9 Cuscinetto superiore - Upper ball bearing       | Acciaio inox Aisi 420 - Stainless steel Aisi 420     |
| 10 Cuscinetto inferiore - Lower ball bearing      |                                                      |
| 11 Statore - Stator                               |                                                      |
| 12 Rotore - Rotor                                 | Ghisa G25 - Cast iron G25                            |
| 13 Albero motore - Motor shaft                    |                                                      |
| 14 Pressacavo - Cable clamp                       | Acciaio inox Aisi 416 - Stainless steel Aisi 416     |
| 15 Ghiera del pressacavo - Locking ring           |                                                      |
| 16 Cavo alimentazione - Net supply cable          | H07RN8F                                              |
| 17 O' Ring - O' Ring                              | Gomma nitrilica - Nitrilic rubber                    |
| 18 O' Ring - O' Ring                              |                                                      |
| 19 Sensore umidità - Conductivity seal sensor     | Carburo di silicio + viton - Silicon carbide + viton |
| 20 Tenuta meccanica sup. - Upper mech. seal       |                                                      |
| 21 Tenuta meccanica inf. - Lower mech. seal       | Acciaio inox Aisi 304 - Stainless steel Aisi 304     |
| 22 Chiavetta - Key                                |                                                      |
| 23 Tappo olio - Oil plug                          |                                                      |
| Viteria - Bolts                                   | Acciaio inox Aisi 304 - Stainless steel Aisi 304     |



| TIPO - TYPE                                                       | DN1 | DN2/3 | A   | B   | FORI - HOLES |    | OPTIONAL  |           |               |  |
|-------------------------------------------------------------------|-----|-------|-----|-----|--------------|----|-----------|-----------|---------------|--|
| AT 150/4/340 C. 285<br>AT 150/4/340 C. 290<br>AT 150/4/340 C. 295 | 150 | 150   | 240 | 285 | N°           | Ø  |           |           |               |  |
|                                                                   |     |       |     |     | 8            | 22 | P8 DN 150 | B8 DN 150 | DN 150 - PN16 |  |

| TIPO - TYPE                                                       | CAVO - CABLE                                                                                            | SONDE - SENSOR                                                                            | TENUTE - SEALS                                                               | CUSCINETTI - BEARINGS                                  |
|-------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|------------------------------------------------------------------------------|--------------------------------------------------------|
| AT 150/4/340 C. 285<br>AT 150/4/340 C. 290<br>AT 150/4/340 C. 295 | 3 ~ 400 V<br>(1) 7x10 + 5x1 Ø 29<br>Avv. YΔ / Con terminali liberi<br>YΔ Starting / With free terminals | MT<br>10<br>Sonda termica<br>Thermal probe<br>Sonda di conduttività<br>Conductivity probe | SI<br>YES<br>SI<br>YES<br>SUP./UPPER<br>MG1S65-G4<br>INF./LOWER<br>MG1S65-G4 | <br>SUP./UPPER<br>NU 211 EC<br>INF./LOWER<br>6316 2RS1 |

| TIPO - TYPE         | X   | Y    | Z   | Kg  |
|---------------------|-----|------|-----|-----|
| AT 150/4/340 C. 285 | 900 | 1150 | 650 | 550 |
| AT 150/4/340 C. 290 | 900 | 1150 | 650 | 585 |
| AT 150/4/340 C. 295 | 900 | 1150 | 650 | 590 |

DRENO POMPE SI RISERVA DI CAMBIARE SENZA PREAVVISO I DATI RIPORTATI IN QUESTO CATALOGO  
DRENO POMPE CAN ALTER WITHOUT NOTIFICATIONS THE DATA MENTIONED IN THIS CATALOGUE

Doc\_Rev.0  
Date\_01/05/08