

|                          |  |   |   |
|--------------------------|--|---|---|
| Cod. Code <b>7007487</b> | Peso totale Total weight <b>223 Kg</b> | Materiale Construction <b>GHISA EN-GJL-250<br/>CAST IRON EN-GJL-250</b> | Girante Impeller <b>VORTEX<br/>VORTEX</b> |
|--------------------------|--|---|---|

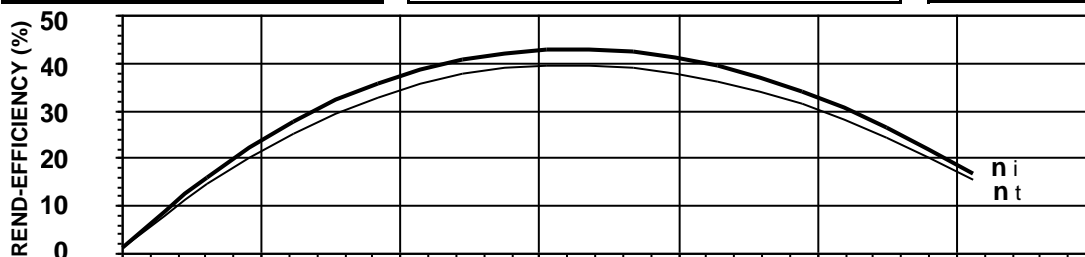
| Idraulica - Hydraulic              |                  |
|------------------------------------|------------------|
| MANDATA DISCHARGE                  | <b>DN 100 mm</b> |
| ASPIRAZIONE SUCTION                | <b>DN 125 mm</b> |
| PASSAGGIO LIBERO FREE PASSAGE      | <b>80 mm</b>     |
| DIAMETRO GIRANTE IMPELLER DIAMETER | <b>215 mm</b>    |

| Motore- Motor M413T-11,6-400/50YY-IE3EX           |                               |
|---|-------------------------------|
| ALIMENTAZIONE POWER SUPPLY                        | <b>3ph 400/690V-50Hz</b>      |
| CLASSE DI ISOLAMENTO INSULATION CLASS             | <b>H</b>                      |
| VELOCITÀ NOMINALE NOMINAL SPEED                   | <b>1436 rpm</b>               |
| POTENZA NOMINALE MOTORE RATED MOTOR POWER         | <b>11,6 kW</b>                |
| CORRENTE DI SPUNTO STARTING CURRENT               | <b>127,4 A</b>                |
| CORRENTE NOMINALE RATED CURRENT                   | <b>21,6 A</b>                 |
| MOMENTO DI INERZIA TOTALE TOTAL MOMENT OF INERTIA | <b>0,1424 kgm<sup>2</sup></b> |
|   | CARICO-LOADING                |
|   | 4/4      3/4      1/2         |
| FATTORE DI POTENZA POWER FACTOR                   | <b>0,84    0,77    0,66</b>   |
| RENDIMENTO MOTORE MOTOR EFFICIENCY                | <b>92 %   91 %   90 %</b>     |

| Impiego - Application                        |                           |
|--|---------------------------|
| TEMP. MAX DEL LIQUID PUMPED LIQUID MAX TEMP. | <b>&lt; 45 °C</b>         |
| PROTEZIONE MECCANICA MECHANICAL PROT. DEGREE | <b>IP 68</b>              |
| CAVO CABLE                                   | <b>12G2,5 PVC+ H07RNF</b> |
| CODICE DISEGNO DRAWING CODE                  | <b>713_100_13_1</b>       |
| CURVA CURVE                                  | <b>V713-450</b>           |

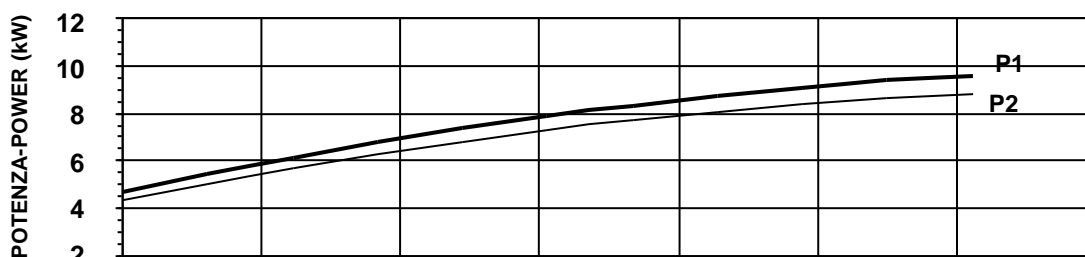
| Rend. max - Best efficiency                |                              |
|--|------------------------------|
| RENDIMENTO TOTALE TOTAL EFFICIENCY         | <b>39,7 %</b>                |
| RENDIMENTO IDRAULICO HYDRAULIC EFFICIENCY  | <b>43,1 %</b>                |
| POT. ASS. DALLA RETE ABS. POWER FROM MAINS | <b>8,0 kW</b>                |
| PREVALENZA HEAD                            | <b>9,9 m</b>                 |
| PORTATA CAPACITY                           | <b>116,5 m<sup>3</sup>/h</b> |

| Protezioni - Protections                    |   |
|---|---|
| PROTEZIONE TERMICA THERMAL PROTECTION       | <input checked="" type="checkbox"/> YES |
| CONTROLLO INFILTRAZIONE HUMIDITY PROBE      | <input checked="" type="checkbox"/> YES |
| II 2G Ex c k db IIB T4 Gb                   | <input checked="" type="checkbox"/> YES |
| MANTELLINO DI RAFFREDDAMENTO COOLING JACKET | <input type="checkbox"/> NO             |



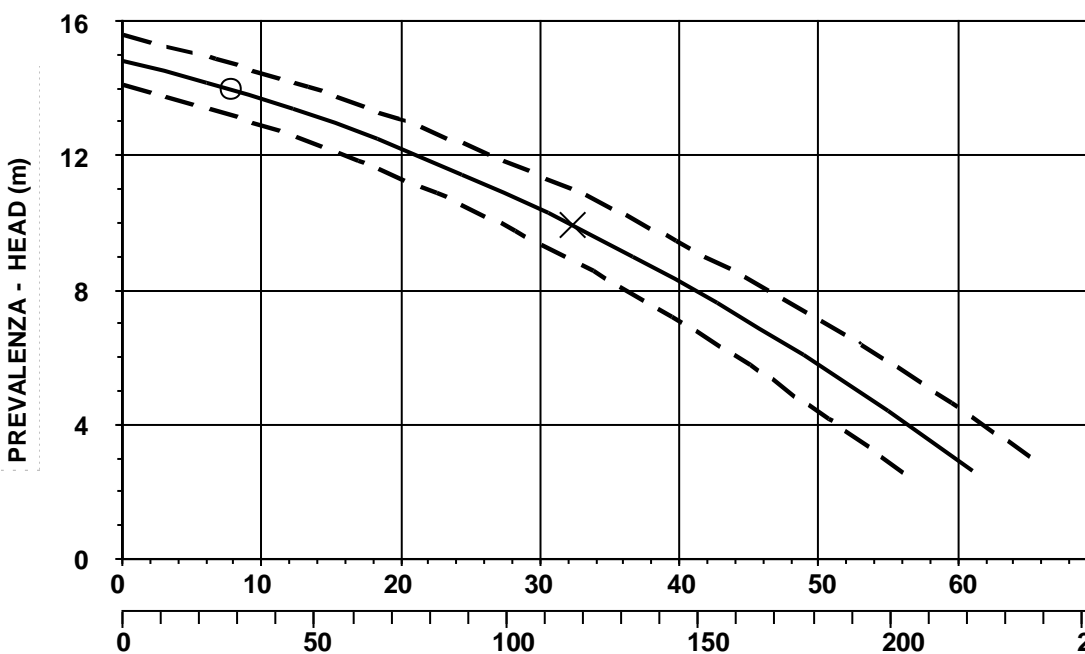
$\eta_i$  = Rendimento idraulico  
Hydraulic efficiency

$\eta_t$  = Rendimento totale  
Total efficiency



**P1** = Potenza ass. dalla rete  
Abs. power from mains

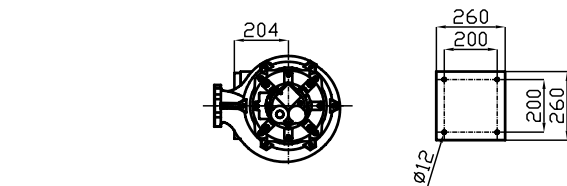
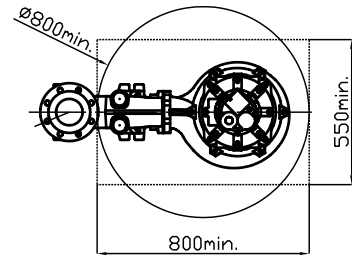
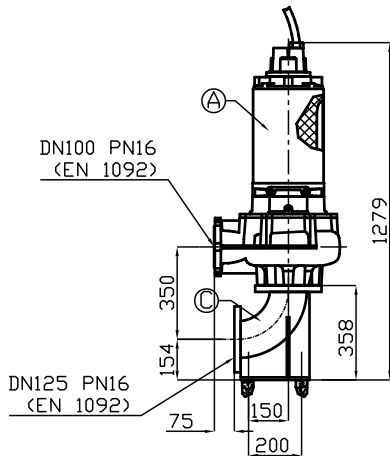
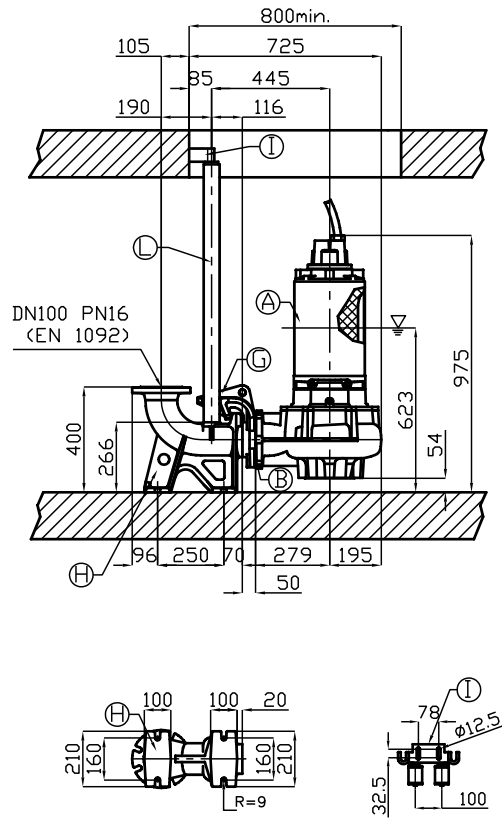
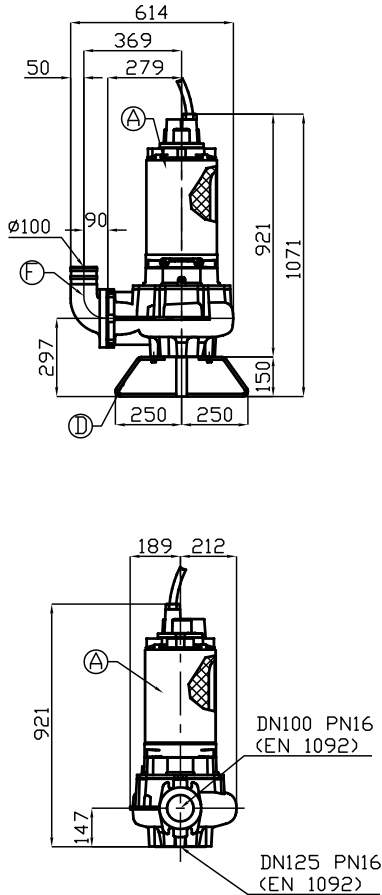
**P2** = Potenza idraulica  
Hydraulic power



**O** = Portata minima  
Minimum capacity

**X** = Punto max rendimento  
Best efficiency point





▽ LIVELLO MINIMO DI SOMMERGIBILITÀ STANDARD.  
PER VERSIONE ATEX, COMPLETAMENTE SOMMERSA.

▽ MINIMUM SUBMERSIBLE LEVEL STANDARD.  
FOR ATEX TYPE, COMPLETELY SUBMERGED.

| Pos.              | Codice           | Descrizione  | Materiale                           | Peso Kg   |
|-------------------|------------------|--|-------------------------------------|-----------|
| Pos.              | Code             | Description  | Material                            | Weight Kg |
| A                 | -                | Elettropompa Sommersibile<br>Submersible Pump  | -                                   | -         |
| B                 | 54.11015         | Guarnizione DN100<br>Rubber joint DN100  | Neoprene<br>Neoprene                | 0,06      |
| <b>Type: E</b>    |                  |  |                                     |           |
| C                 | ECDN125          | Curva aspirazione 90°<br>Suction elbow 90°   | Acciaio zincato<br>Galvanized Steel | 27        |
| <b>Type: P</b>    |                  |  |                                     |           |
| D                 | PAPDN125NP0<br>7 | Tripiede appoggio<br>X foot rest   | Acciaio zincato<br>Galvanized Steel | 5         |
| F                 | GCDN100/L        | Curva di mandata 90° DN100<br>Delivery elbow 90° DN100                                     | G250 Ghisa<br>G250 Cast-Iron        | 10        |
| <b>Type: R</b>    |                  |  |                                     |           |
| <b>GPADN100/L</b> |                  |  |                                     |           |
| G                 | GADT100-150      | Controflangia accoppiamento 2 guide<br>DN100<br>Double guide rail coupling flange<br>DN100 | G250 Ghisa<br>G250 Cast-Iron        | 12        |
| H                 | GBPACDN100       | Piede d'accoppiamento 2 guide DN100<br>Double guide coupling feet DN100                    | G250 Ghisa<br>G250 Cast-Iron        | 35        |
| I                 | SOP2T            | Sopporto tubi superiore 2 guide 2"<br>Double guide rail upper support 2"                   | Acciaio zincato<br>Galvanized Steel | 1,9       |
| L                 | TG2Z             | Tubo guida 2"<br>Guide rail 2"   | Acciaio zincato<br>Galvanized Steel | 4,5       |