

NEW

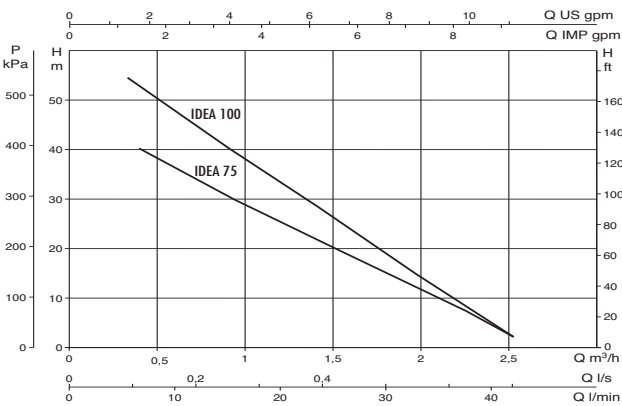
IDEA



Single-impeller peripheral borehole pump for 4" wells or larger, capable of providing high heads with limited power. Suitable for water lifting and distribution applications in domestic systems, small agricultural concerns, pressurisation of pressure vessels and DIY uses. Pump body and motor support in cast iron. Brass impeller. Impeller shaft extension and strainer in stainless steel. Submersible asynchronous two-pole motor, made entirely of stainless steel, dry design with external cooling by means of pumped liquid. Canned-type AISI 304L stator. Squirrel cage rotor running on ball bearings, oversized to ensure reliability and durability. Graphite/alumina mechanical seal and lip seal. In the single phase version the start capacitor is enclosed in a rugged, electrically insulated high-density plastic enclosure. Overload protection to be provided by the user for the three-phase version.

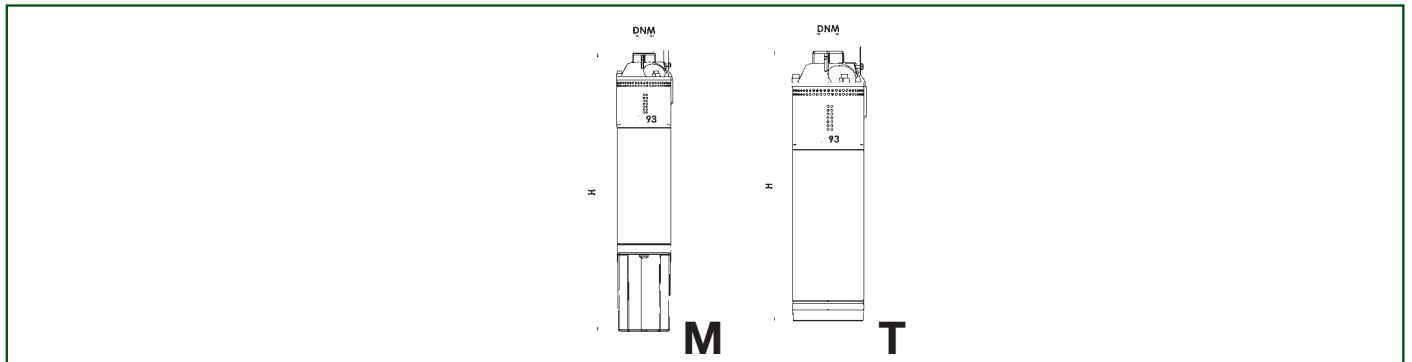
Protection rating: IP 68
Insulation class:
Liquid temperature range: from 0° C to +35° C
Max. no. of starts: 20/h
Maximum subersion: 20 m.
Installation: in 4" or larger wells, tanks or cisterns, vertically.
Liquid quality requirements: clean, free of solid or abrasive contaminants, non-viscous, chemically neutral, close to the properties of water.
Removable H07RN-F power cable, length 15 m.
Supplied with 15 m of nylon rope.

ELECTRICAL AND HYDRAULIC DATA



| MODEL | ELECTRICAL DATA | | | | | | HYDRAULIC DATA (n ~ 2800 1/min) | | | | | | | | | |
|------------|------------------|-----------------|---------------|------|---------|-----------|---------------------------------|-----------|------|------|------|------|------|------|------|-----|
| | VOLTAGE 50 Hz | P1 MAX kW | P2 NOMINAL | | In A | CAPACITOR | | Q m³/h | 0,4 | 0,6 | 0,9 | 1,2 | 1,5 | 1,8 | 2,1 | 2,4 |
| IDEA 75 M | 1x230V ~ | 0,8 | 0,55 | 0,75 | 4 | 16 | 450 | H (m) | 7 | 10 | 15 | 20 | 25 | 30 | 35 | 40 |
| IDEA 100 M | 1x230V ~ | 1,1 | 0,75 | 1 | 4,7 | 20 | 450 | | 39 | 37 | 32 | 27,6 | 22,5 | 17,6 | 12,2 | 6,8 |
| IDEA 75 T | 3x400V ~ | 0,65 | 0,55 | 0,75 | 1,5 | - | - | 52 | 48,3 | 41,4 | 34,6 | 28 | 21,2 | 14,4 | 7,3 | |
| IDEA 100 T | 3x400V ~ | 1,1 | 0,75 | 1 | 2,3 | - | - | 39 | 37 | 32 | 27,6 | 22,5 | 17,6 | 12,2 | 6,8 | |
| | | | | | | | | 52 | 48,3 | 41,4 | 34,6 | 28 | 21,2 | 14,4 | 7,3 | |

DIMENSIONS AND WEIGHTS



| MODEL | Ø | H | DNM | PACKAGING DIMENSIONS (mm) | | | VOLUME m³ | GROSS WEIGHT Kg. |
|------------|----|-----|------|---------------------------|-----|-----|--------------|---------------------|
| | | | | Ø | H | | | |
| IDEA 75 M | 93 | 482 | 1" G | 630 | 265 | 125 | 0,0208 | 10,5 |
| IDEA 100 M | 93 | 512 | 1" G | 630 | 265 | 125 | 0,0208 | 12 |
| IDEA 75 T | 93 | 353 | 1" G | 420 | 310 | 118 | 0,0153 | 10,2 |
| IDEA 100 T | 93 | 383 | 1" G | 420 | 310 | 118 | 0,0153 | 11,7 |