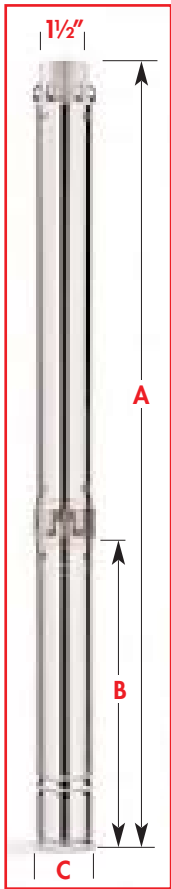




BBC IDROSOM

SERIES 60 - 4" BOREHOLE PUMPS



Idrosom Series 60 borehole pumps are available in 230/1/50 and 400/3/50 models.

Pump Construction: The pump head, suction body, casing, nuts, bolts and shaft are constructed from AISI 304 stainless steel, coupling in AISI 316 stainless steel, impellers and diffusers Noryl® reinforced with fibre-glass, bearing head Desmopan® with rotating element in AISI 316 stainless steel, discharge in brass OT58.

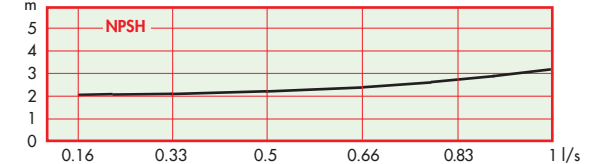
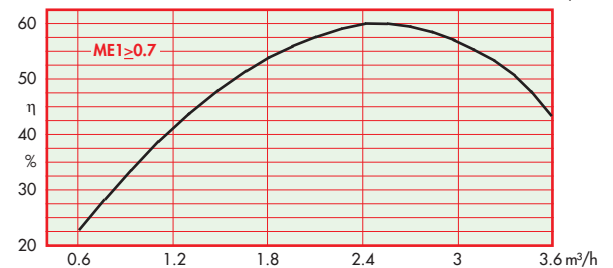
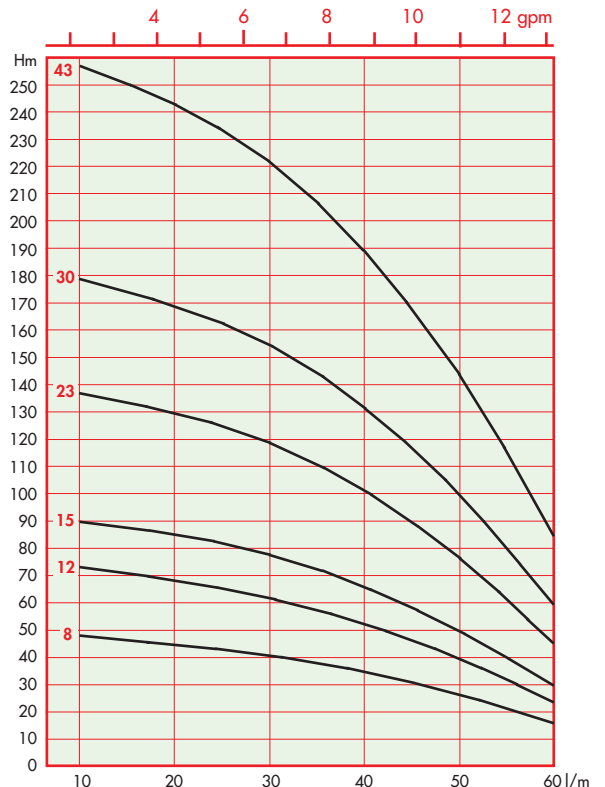
Motors: The rewindable motors are coolant filled type, asynchronous with short circuit rotor. Both shaft and coupling meet NEMA standards.

Casing AISI 304, shaft terminal AISI 303, Graphite/Alumina mechanical seal, NBR elastomers.

Application Features:

- Maximum immersion depth: 150m.
- Maximum sand content: 150g/m³.
- Maximum number of starts per hr: 30
- Maximum temperature of water: 35°C
- Continuous Duty S1 • Protection IP 68
- Insulation Class F • Pumps suitable for horizontal installation up to 23/60.

Larger Idrosom models up to 7.5kW are also available.



| TECHNICAL DETAILS | | | | | | | |
|---|---------|------|---------|---------|-----|----|-----------|
| MODEL <small>M = 230/1/50 T = 400/3/50</small> | NOMINAL | | NOM AMP | DIM. mm | | | WEIGHT Kg |
| | kW | HP | | A | B | C | |
| IDROSOM 8/60M | 0.37 | 0.50 | 3.6 | 746 | 346 | 95 | 11.9 |
| IDROSOM 12/60M | 0.55 | 0.75 | 4.4 | 837 | 346 | 95 | 12.5 |
| IDROSOM 15/60M | 0.75 | 1.0 | 6.0 | 935 | 376 | 95 | 14.3 |
| IDROSOM 23/60M | 1.1 | 1.5 | 8.0 | 1145 | 406 | 95 | 16.7 |
| IDROSOM 30/60M | 1.5 | 2.0 | 11.0 | 1396 | 456 | 95 | 20.5 |
| IDROSOM 43/60M | 2.2 | 3.0 | 15.9 | 1888 | 612 | 95 | 29.5 |
| IDROSOM 8/60T | 0.37 | 0.50 | 1.8 | 746 | 346 | 95 | 12.0 |
| IDROSOM 12/60T | 0.55 | 0.75 | 2.0 | 837 | 346 | 95 | 12.6 |
| IDROSOM 15/60T | 0.75 | 1.0 | 2.3 | 905 | 346 | 95 | 13.0 |
| IDROSOM 23/60T | 1.1 | 1.5 | 3.2 | 1115 | 376 | 95 | 15.4 |
| IDROSOM 30/60T | 1.5 | 2.0 | 4.2 | 1346 | 406 | 95 | 18.2 |
| IDROSOM 43/60T | 2.2 | 3.0 | 5.7 | 1782 | 506 | 95 | 24.3 |

