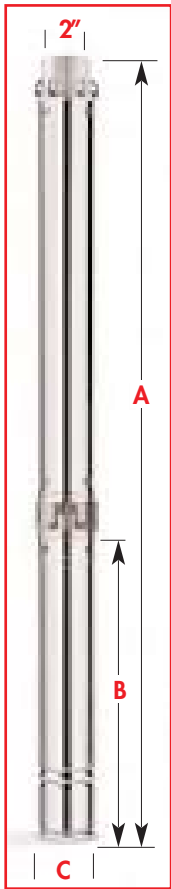


# BBC IDROSOM

## SERIES 250 - 4" BOREHOLE PUMPS



Idrosom Series 250 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.

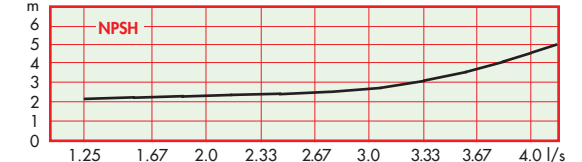
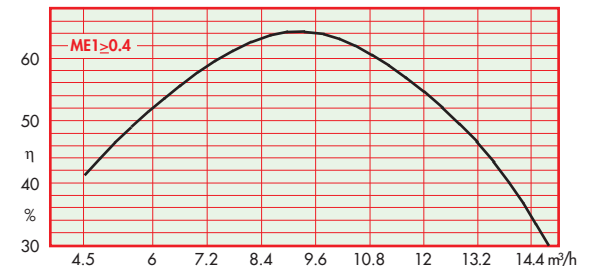
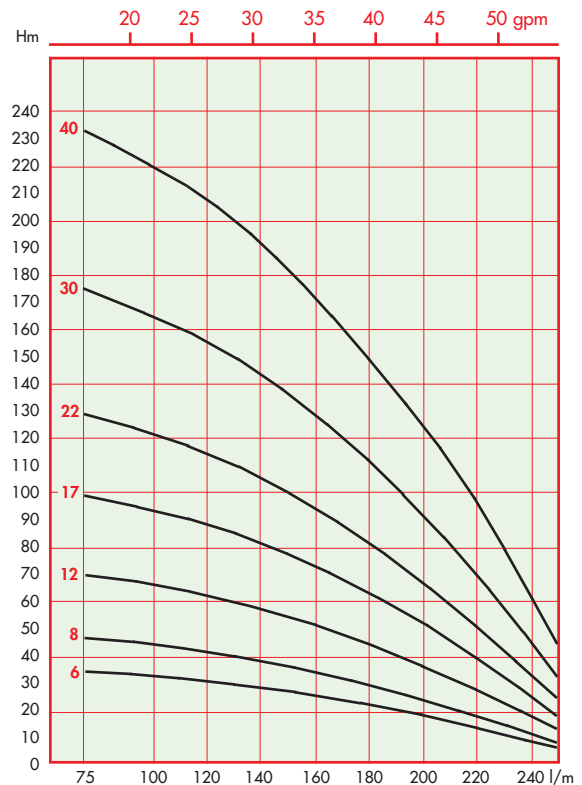
**Motors:** The rewindable motors are coolant filled type, asynchronous with short circuit rotor. Both shaft and coupling meet NEMA standards.

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

**Application Features:**

- Maximum immersion depth: 150m.
- Maximum sand content: 150g/m<sup>3</sup>.
- 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 12/250.

*Smaller Idrosom models with motor sizes from 0.37kW 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 6/250M	1.1	1.5	8.0	876	406	95	14.7
IDROSOM 8/250M	1.5	2.0	11.0	1005	456	95	18.1
IDROSOM 12/250M	2.2	3.0	15.9	1391	612	95	25.6
IDROSOM 6/250T	1.1	1.5	3.2	846	376	95	13.3
IDROSOM 8/250T	1.5	2.0	4.2	955	406	95	15.3
IDROSOM 12/250T	2.2	3.0	5.7	1163	456	95	18.8
IDROSOM 17/250T	3.0	4.0	8.0	1500	552	95	23.1
IDROSOM 22/250T	4.0	5.5	10.0	1757	612	95	30.2
IDROSOM 30/250T	5.5	7.5	12.5	2205	702	95	37.7
IDROSOM 40/250T	7.5	10.0	16.7	2680	782	95	44.9

