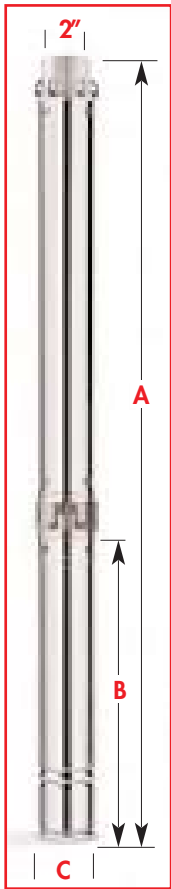


BBC IDROSOM

SERIES 180 - 4" BOREHOLE PUMPS



Idrosom Series 180 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.

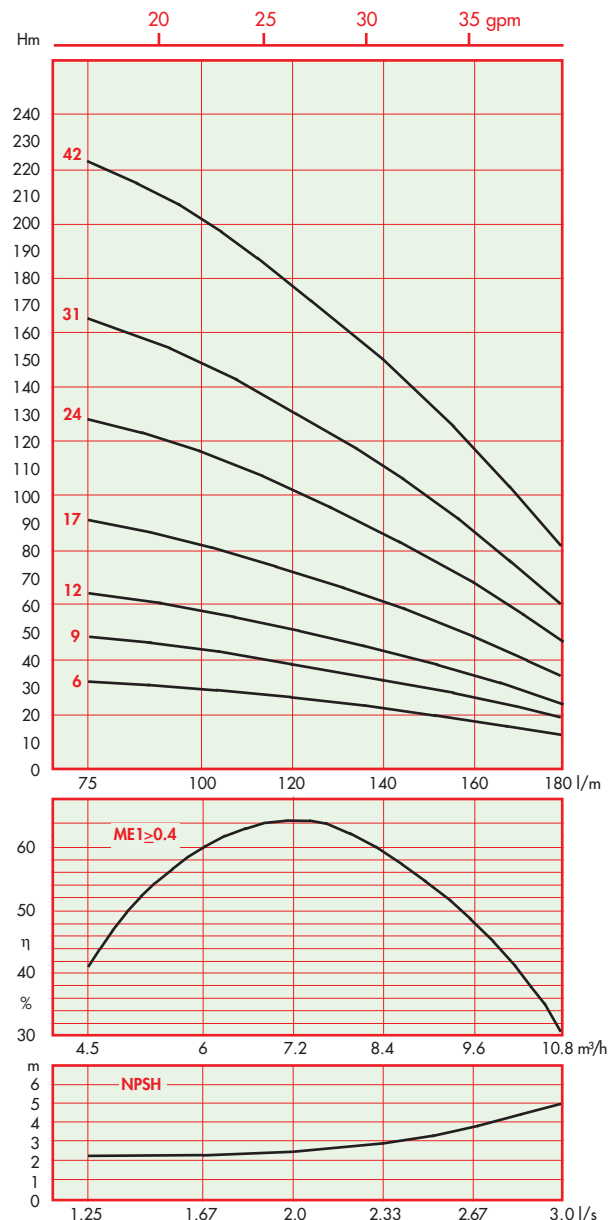
Motors: The rewindable motors are coolant filled type, asynchronous with short circuit rotor. Both shaft and coupling meet NEMA standards.

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 17/180.

Smaller and larger Idrosom models are available from 0.37 to 7.5kW.



TECHNICAL DETAILS

MODEL	NOMINAL		NOM AMP	DIM. mm			WEIGHT Kg
	kW	HP		A	B	C	
M = 230/1/50 T = 400/3/50							
IDROSOM 6/180M	0.75	1.0	6.0	817	376	95	13.0
IDROSOM 9/180M	1.5	2.0	8.0	951	406	95	15.1
IDROSOM 12/180M	2.0	1.5	11.0	1104	456	95	18.2
IDROSOM 17/180M	3.0	2.2	15.9	1476	612	95	26.0
IDROSOM 6/180T	0.75	1.0	2.3	787	346	95	11.7
IDROSOM 9/180T	1.1	1.5	3.2	921	376	95	13.7
IDROSOM 12/180T	1.5	2.0	4.2	1054	406	95	15.9
IDROSOM 17/180T	2.2	3.0	5.7	1320	456	95	19.4
IDROSOM 24/180T	3.0	4.0	8.0	1658	552	95	24.9
IDROSOM 31/180T	4.0	5.5	10.0	2003	612	95	30.9
IDROSOM 42/180T	5.5	7.5	12.5	2473	702	95	37.7

