

Close coupled multi-stage submersible pumps in chrome-nickel stainless steel.

Hydraulic part under the motor and motor cooled by the pumped water for safe operation also with the pump only partially immersed.

Double shaft seal with interposed oil chamber.

The suction strainer prevents the entrance of solids with diameter bigger than:2mm

Application

- For water supply from wells, tanks or reservoirs.
- For domestic use, for industrial applications.
- For garden use and irrigation. Utilization of rain water.

Specification

- Insulation class: F
- Protection class: IP68
- Water temperature up to 40°C
- The solids in the water is less than 0.02%(heavy proportion)
- Minimum internal diameter of well: 155mm
- Minimum immersion depth: 150mm
- Maximum immersion depth: 20m (with suitable cable length)
- Continuous duty
- Power: single-phase:1.5 kW
three-phase: 1.5 kW ~ 3kW
- Power supply:
6MXSM: single phase 230v±10%, 50Hz;
Control box with capacitor And thermal device;
6MXS: three phase 400v±10%, 50Hz;
- Cable length: 15m

Nomenclature

6MXSM 1002 CG

WITH FLOAT SWITCH

IMPELLER STAGES

RATED CAPACITY m³/h

M: SINGLE-PHASE

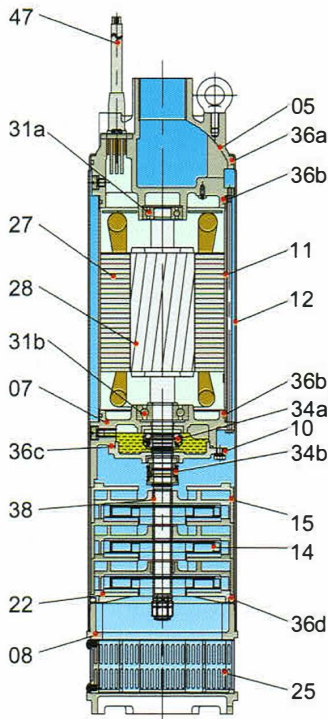
W/T(M): THREE-PHASE

NAME SERIES

Special features on request

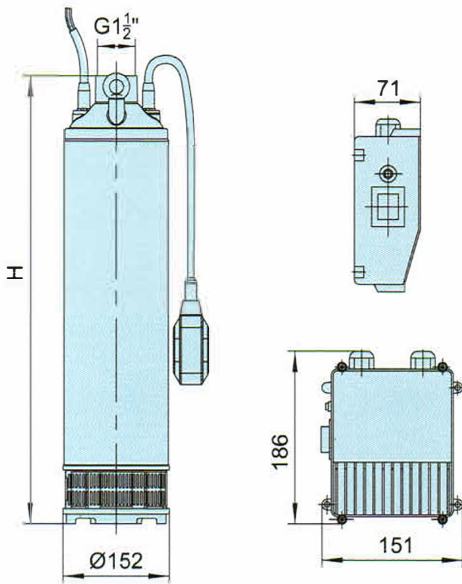
- Other voltages
- The length of cable is optional

Material of construction

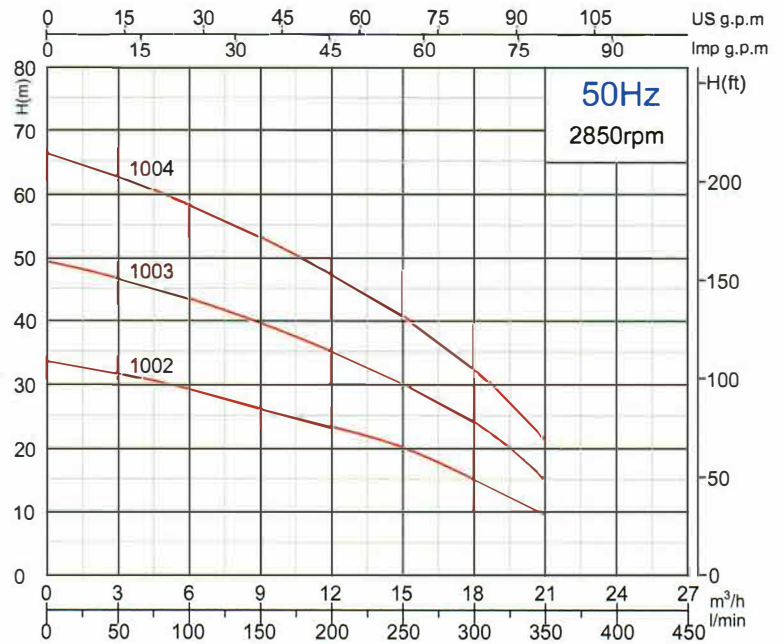


Item No.	Part name	Material
05	Upper cover	Cast-iron
07	Bearing house	Cast-iron
08	Base plate	Cast-iron
10	Seal bracket	Cast-iron
11	Motor casing	Stainless steel
12	Outer casing	Stainless steel
14	Impeller	AISI304SS
15	Diffuser	PPO
22	Seat assembly	PPO
25	Strainer	AISI304SS
27	Stator	
28	Rotor	
31a,b	Bearing	
34a	mechanical seal	Carbon -Ceramics
34b	mechanical seal	Sic-Sic
36a,b,c,d	O'ring	NBR
38	Shaft Sleeve	AISI304SS
47	Cable	H07RN-F

Performance curves



6MXSM-CG
with float switch
pump(on demand)



Performance table

Model (50Hz)	Voltage V	Current A	P1 kW	P2 kW	N.W kg	G.W kg	H mm	Q	Head (m)								
									0	3	6	9	10	12	15	18	21
6MXSM 1002	230	10.0	2.2	1.5	2.0	24.0	26.0	578	33	31	29	26	25	23	20	15	9
6MXS 1002	400	3.8	2.0	1.5	2.0	25.5	27.5	578	33	31	29	26	25	23	20	15	9
6MXS 1003	400	5.5	2.8	2.2	3.0	27.5	29.5	639	49	46	43	39	38	35	30	24	15
6MXS 1004	400	7.2	3.9	3.0	4.0	31.0	33.0	706	66	62	58	53	51	47	41	32	21