

PRAKASH SUBMERSIBLE OPEN WELL PUMP 6"



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
- The solids in the water is less than 0.02% (heavy proportion)
- Water temperature up to 40°C
- Minimum internal diameter of well: 155mm
- Maximum immersion depth: 20m (with suitable cable length)
- Minimum immersion depth: 150mm
- Continuous duty
- Power supply:

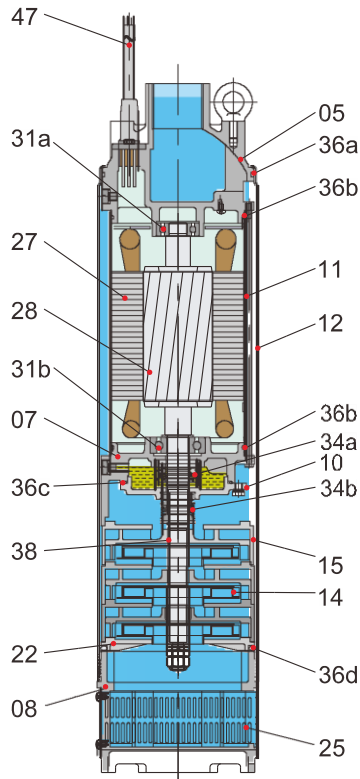
220-240v Single Phase 50 Hz

- Cable length: 15m

WITH FLOAT SWITCH

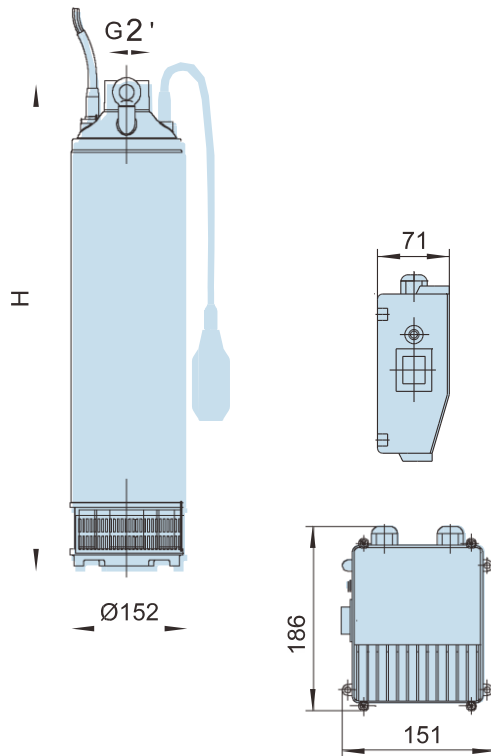
Performance table

Model (50Hz)	Voltage	HP	Kw	Net Weight	Height	Flow Rate									
						m ³ /h	0	3	6	9	10	12	15	18	21
						L/min	0	50	100	150	167	200	250	300	350
P1002	220v	2.0	1.5	25.5 Kg.	578 mm	Head (m)	33	31	29	26	25	23	20	15	9
P1003	220v	3.0	2.2	27.5Kg	639 mm		49	46	43	39	38	35	30	24	15



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

