

Submersible pressure pumps

Submersible pump with a diameter of 96 mm including a control panel. Suitable for wells and boreholes with a minimum diameter of 100 mm, irrigation, and construction of domestic booster sets for small family houses and recreational facilities. The control panel for single-phase motors is equipped with a capacitor and a circuit breaker that protects the submersible motor from overheating or current damage.

Constructional characteristics

- pump body made of brass
- brass impeller
- stainless steel shaft
- stainless steel suction strainer

Motor

- 230 V power supply
- stainless steel motor casing cooled by mineral oil
- protection IP58, insulation class B
- self-lubricating bearings
- speed 2850 rpm
- power cable 20 or 30 m H07RNF
- start-up box
- graphite mechanical seal with sand protection

Usage

- type of liquid: clean water without solid particles or abrasive materials
- maximum liquid temperature: 35 °C
- maximum submersion depth: 50 m
- maximum number of starts: 20 per hour

Applications

- pumping water from boreholes, wells, and tanks
- construction of domestic booster sets
- irrigation

Technical parameters

Pump	4" SIGI 40/60 M	4" SIGI 40/100 M
Power supply	230 V/50 Hz	
Motor input power	750 W	1100 W
Max. flow rate (Q max)	2400 l/h	
Max. head (H max)	60 m	100 m
Ingress protection	IP58	
Max. liquid temperature	35 °C	
Cable length	20 m or 30 m	
Diameter	96 mm	
Length A	487 mm	552 mm
Connection DN	1"	
Weight	15.5 kg	16.5 kg

