

3,5" ELECTRA



Submersible multistage pumps

Multistage submersible pressure pumps supplied with a control panel. The pumps have a diameter of 86 mm and are suitable for irrigation, water transfer, and for the construction of domestic and industrial booster sets. When constructing a booster set, an accessory set can be used with any pressure tank.

Construction characteristics

- pump casing made of stainless steel AISI 304
- cable protection sleeve made of stainless steel AISI 304
- suction filter made of stainless steel AISI 304
- technopolymer impellers
- technopolymer diffusers
- shaft made of stainless steel AISI 304
- self-lubricating radial bearing

Motor

- submersible 3.5" motor, 230 V
- axial bearing and bearing sleeve cooled by water
- connection cable 25 m or 35 m
- oil-filled cooling chamber
- NEMA flange
- protection IP68, insulation class F
- speed 2850 rpm
- special mechanical seal with sand protection

Usage

- max. liquid temperature: 35 °C
- max. number of starts per hour: 20
- minimum borehole diameter: 90 mm
- max. sand content: 50 g/m³

Applications

- pumping water from deep wells and boreholes
- automatic irrigation systems
- pressure boosting stations
- agricultural irrigation



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Technical parameters

Pump	45/78 M	45/100 M	60/82 M	60/106 M
Power supply	230 V			
Motor power input	550 W	750 W	550 W	750 W
Max. flow rate (Q max)	2700 l/h		3600 l/h	
Max. head (H max)	78 m	100 m	82 m	106 m
Max. immersion depth	50 m		100 m	
Max. liquid temperature	35 °C			
Cable length	25 m or 35 m			
Connection DNM	5/4"			
Dimensions L	990 mm	1050 mm	865 mm	1015 mm
Pump diameter	86 mm			
Weight	12.5 kg	14 kg	14 kg	16 kg

