



BOREHOLE CENTRIFUGAL PUMPS

BCP (M) series



DESCRIPTION

A line of domestic centrifugal submersible pumps of the BCP (M) series are intended for individual water supply for private houses and cottages from the boreholes with diameter not less than 108 mm as well as from wells and other open water sources. The pumps are applied autonomously or as a part of the automatic water supply system.

The BCP (M) consists of a pump and an electric motor joined by the adapter. The pump is of multistage type, while the electric motors are asynchronous one-phase ones, rated for 220 V / 50 Hz power supply.

- The water enters the pump through the strainer, which protects the pump from ingress of the large solids.
- The flow path parts are made of corrosion-resistant materials: stainless steel, brass and food plastic that ensures ecological purity of supplied water.
- The “floating” impellers is capable of passing a small amount of sand with a particle size of up to 0.5 mm.
- The lower bearing of the motor is of the trust type.
- The thermostat built in the winding protects the motor during the long start with a low mains voltage.
- The starting capacitor is installed inside the motor.

ADVANTAGES OF BCP (M) PUMPS

- All pumps are made of environmentally friendly materials.
- The pumps are subjected to 100% acceptance tests on automated stand during their manufacture.
- Compact size, good hydraulic characteristics and high reliability in operation.
- The motor has a built-in protection against overcurrent and short-circuit.
- The average service life of the electric pump is 10 years, with an operating time of up to 13,000 hours.
- The pumps are supplied in a hardcover, rigid cardboard package.
- Flexible system of discounts is applied for customers.

The warranty period is 18 months from the date of commissioning, but not more than 24 months from purchase date.

Pump model	Rated capacity (Q), m ³ /h (liters per second)	Head (H), meters	Consumed power, KW	Unit weight, kg	Overall and connecting dimensions, mm, inches	Power cord length, m
BCP-0.5-25 (M)	1.8 (0.5)	25	0,58	10,5	104x525 G-1	25
BCP-0.5-32 (M)	1.8 (0.5)	32	0,7	12	104x560 G-1	32
BCP-0.5-40 (M)	1.8 (0.5)	40	0,85	13	104x590 G-1	40
BCP-0.5-50 (M)	1.8 (0.5)	50	1,05	14	104x640 G-1	40
BCP-0.5-63 (M)	1.8 (0.5)	63	1,3	17	104x705 G-1	48
BCP-0.5-80 (M)	1.8 (0.5)	80	1,76	20	104x805 G-1	60