Science Lab

Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Pump Electric sbmr bh 18cbm/hr

Product Code :

SLE/PRP/02



Description :

Pump Electric sbmr bh 18cbm/hr (Product Code: SLE/PRP/02) is a complete electric submersible borehole pump used to lift clean, non-aggressive groundwater from boreholes into tanks and water supply systems. Rated in its name at 18 cubic metres per hour, it runs on a directly coupled 3-phase 380/400 V, 50 Hz submersible motor of up to 7.5 kW, with stainlesssteel hydraulics and built-in dry-running protection. The pump is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India.

Specifications

Parameter	Detail
Pump type	Complete electric submersible borehole pump
Rated flow	18 m³/h, as stated in the product name
Water type	Non-aggressive water without solid particles
Motor	3-phase submersible motor, directly coupled; maximum 7.5 kW
Power supply	380 V/400 V, 50 Hz, 3-phase
Stator winding	Embedded, hermetically enclosed in stainless steel
Enclosure class	IP 58
Dry-running protection	Built-in protection device, including level relay electrodes
Body, shaft, impellers and diffusers	Stainless steel
Bearings	Water-lubricated, in glass-fibre-impregnated thermoplastic resin/stainless steel
Fittings	Priming screw, top non-return valve, bottom inlet strainer
Cabling	Complete with motor cable
Product code	SLE/PRP/02
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is an Electric Submersible Borehole Pump Used For?

A submersible borehole pump sits down the borehole below the water level and pushes water up the rising main to an elevated tank, a distribution network or a water point. It suits piped water schemes for villages, schools, health centres and small towns wherever a 3-phase supply or a suitable generator is available, and it avoids the suction-lift limits of a surface pump.

Because the pump is meant for non-aggressive water without solid particles, develop the borehole and clear sand before installation, and keep the pump clear of the bottom of the hole. Set th or stops and check

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