

Submersible 8w



Mahavir 6w motor with coupling of 7" pump & 8" pump being a unique series (Janta Model) of submersible pumpsets deep well pumps has been engineered in order to get a high actual efficiency through the development of an innovative design of the impeller blade profiles. The semi-axial profile this allows pumps with limited dimension to have high capacity of discharge and head.

Mahavir 8w motor with coupling of 8" pump being a unique series of submersible pumpsets for the hydrodynamic configuration for semi-axial profile allows pumps with limited dimension to have high capacity of discharge and high head.

Pumpsets are suitable for water well of minimum size 8" (200mm) & 7" (178mm-Janta Model) or larger water wells. Continuous rating in 5° to 25° C water as per IEC 60034-1. Other temperatures up to 45° C also possible.

Special Features

- Noiseless operation & Low maintainance.
- Better Efficiency, High Discharge & Low power consumption.
- Good resistance against Sand and Silt.
- Can Draw-up water from high depth.
- Wet type water filled, easy rewindable sub. motors.
- Highly durable designed for best possible hydraulic efficiency.

Property Of Water

Specific Gravity	: 1.004 max.
Chloride Content	: 500 ppm. (max.)
Turbidity	: 50 ppm. Silica scale (max.)
Allowable Soilds	: 3000 ppm. (max.)
pH Value	: 6.5 to 8.5
Temperature	: 33° C (max.)
Permissible Amt. of Sand	: 50 Grams / Cu. Meters. (Max.)

Technical Specification

Discharge capacity	: 130 LPM to 1250 LPM
Head Range	: 15 Mtrs. to 230 Mtrs.
Motor H.P.	: 15 to 75 H.P. (11kw to 55kw) 3 Ø Phase / 50Hz
Power Supply	: 415V-180V Operating Voltage Range. According to IEC 60034-1. Other voltage design Possible up to 675V..
Max. Dia. of Pumpset	: 188.0 mm. (for 8W model) 166mm. (for 6W/7 model - Janta Model) 188mm. (for 6W/8 model - Janta Model)

Electrical Features

Degree of protection	: IP58
Insulation	: Class B
Max. Starts Per Hour	: 30 Numbers
Min. Starts Per Six Months	: 01 Numbers

Mechanical Features

- Stainless Steel Splined shaft with Neema Mounting Dimensions
- Sand resistant construction
- Kingsbury type Thrust Bearings
- Axial thrust up to 18000 N for High Thrust Motor