





# **VERSA Series**

# Dry motor submersible wet pit water pumps



## **Product Description:**

VERSA series dry motor submersible water pumps are specially designed for pumping clear water without solid contents. These pumps have high efficiencies, saving energy costs. Wide choice of mounting arrangement is available for these pumps. The modular design offers maximum interchangeability of the parts.

### **Applications:**

- Raw water
- Rain water
- Clear water
- Drain water
- Drinking water
- River water
- Cooling water
- Irrigation water
- Condensate water

#### **Industries:**

- Power stations
- Lift irrigation
- Air conditioning plants
- Pharmaceutical
- Mines

- Sprinkler systems
- Fire fighting
- Industrial & municipal water supply
- Water treatment

#### **Performance Parameters:**

Flow : upto  $3,000 \,\mathrm{m}^3/\mathrm{hr}$ 

Head : upto I 30 m.l.c

Specific gravity: upto 1.0

Temperature : upto 45 °C

Viscosity : upto 20 cP

DN sizes : 25 to 400 mm

Solid passage size: Not Desired

#### **Standard Features:**

- Centrifugal, single stage pump with bottom axial suction
- Closed type impeller
- Heavy duty bearings for drive assembly
- Grease lubricated bearings
- Pedestal / Autocoupling for guide rail.
- Shaft sealing by dual mechanical seal
- Built in motor controls
  - Thermistor protection against winding overheating
  - Seal wear out sensor
  - Reverse rotation sensor
- Performance testing as per ISO 9906

#### **Versions:**

- SA: Submersible, autocoupling mounted
- SS : Submersible, strainer base mounted
- SD : Submersible motor in dry pit installation

#### **Material of Construction:**

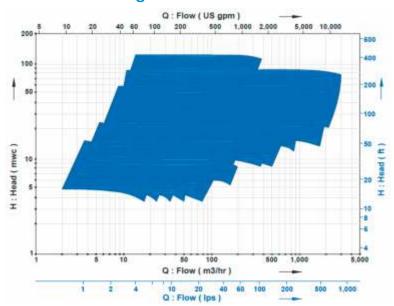
Casing : CI

Impeller : CI, CF 8, CF 8M Shaft : SS 410, SS 316,

### **Pressure Ratings:**

Suction pressure : upto 2 kg/cm<sup>2</sup>
Discharge pressure : upto 13 kg/cm<sup>2</sup>
Test pressure : 16 kg/cm<sup>2</sup>

### **Performance Range:**



#### **Optional Features:**

- Option of strainer base mounting
- Adaptability for double guiderail system
- Rubber insulated submersible copper cable
- Motor jacket for low liquid levels
- Class H insulation
- Bearing temperature sensor on request
- Moisture sensor for leakage in stator housing on request
- Dry pit installation

#### **About Us:**

We design & manufacture tailor-made products for pumping and mixing of corrosive, abrasive and solids laden liquids, along with suitable service support. We have one of widest spectrums of material options to suit the application based on over 5 decades of experience and expertise. At the core of product selection process, lies a deep understanding of the application and the environment in which the pump is supposed to operate, ensuring optimal selection to suit the requirement.



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