

VIRA Series

Dry motor submersible wet pit pumps



Product Description:

VIRA series dry motor submersible pumps are specially designed for pumping turbid water with restricted solid content & solid size. 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
- Turbid water
- Sea water
- Brine

Industries:

- Power stations
- Lift irrigation
- Air conditioning plants
- Pharmaceutical
- Mines
- Desalination
- Sprinkler systems
- Fire fighting
- Industrial & municipal water supply
- Water treatment

Performance Parameters:

Flow : upto 3,000 m³/hr
Head : upto 130 m.l.c
Specific gravity : upto 1.05
Temperature : upto 45°C
Viscosity : upto 20 cP
DN sizes : 25 to 400 mm
Solid passage size: Max 20mm

Standard Features:

- Centrifugal, single stage pump with bottom axial suction
- Closed type impeller
- 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

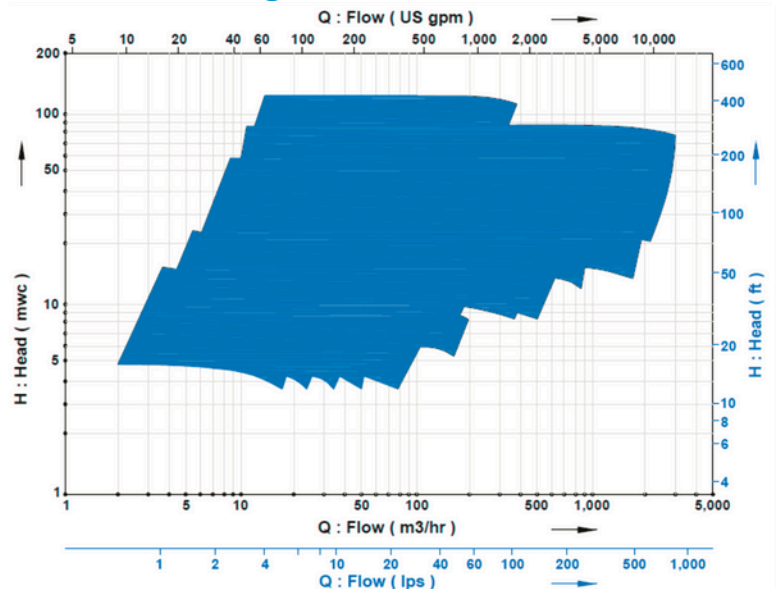
About Us:

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.

Material of Construction:

Casing : CI
Impeller : CI, CF8, CF8M, CE3MN
Motor housing : CI, CF8, CF8M, CE3MN

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



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