MAR.10



VANCS - SERIES - 12PN

SPECIFICATIONS

FEATURES

- 1. Channel Impeller efficiently passes large solids without clogging.
- 2. Double inside mechanical seals (Motor side: with ceramic x carbon, Impeller side: with silicon carbide faces) running in an oil filled chamber and further protected by a lip seal, provides for the most durable seal design available.
- 3. Highly efficient, continuous duty, air filled, copper wound motor with class E, insulation minimizes the cost of operation.
- 4. Built in thermal & amperage sensing, protector prevents motor failure due to overloading, single phasing (in three phase units), or accidental run -dry conditions.

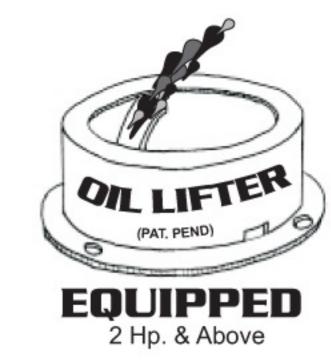
- 5. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60,000 hours, extend operational life.
- 6. Utilization of application appropriate FRP & stainless steel components increases corrosion resistance in a wide variety of applications.

APPLICATIONS

- Residential, commercial, industrial, effluent, wastewater and site drainage.
- 2. Chemical spill containment.
- 3. Decorative waterfalls, fountains and fish ponds.
- 4. Raw water supply from rivers or lakes.







SPECIFICATIONS

Discharge Size
Horsepower Range
Performance Range Capacity
Head

Maximum water temperature Materials of Construction

Casing
Impeller
Shaft
Motor Frame
Fasteners

Mechanical Seal Elastomers

Impeller Type Solids Handling Capability

Bearings

Motor Nomenclature Type, Speed, Hz. Voltage, Phase Insulation

Accessories

Operational Mode

STANDARD

3" N.P.T. (80 mm) 1 (0.75 kW) 1500 G.P.M.. (0.726 m³/min) 23 Ft. (7.01 m) 104° F. (40° C.)

Cast Iron
PPO Plastic w/ GF 20
304 Stainless Steel
304 Stainless Steel
304 Stainless Steel

Silicon Carbide NBR (Nitril Butadiene Rubber)

Channel Impeller 1.38" (35 mm)

Pre-lubricated, Double Shielded

Air Filled, 3600 Rpm, 60 Hz. 120 V.,1 Ph. Class E

Submersible Power Cable 20Ft. (6.2 m)

Manual

OPTIONS

Length as Required