

	VANCS - SERIES - 12PN	SPECIFICATIONS
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■ **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**

- 1. 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^o F. (40^o C.)
- Cast Iron
- PPO Plastic w/ GF 20
- 304 Stainless Steel
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- 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