TSURUMI PUMP

VANCS - SERIES - PU
(FRP) SEMI-VORTEX - SEWAGE & WASTE WATER PUMPS

Specifications

FEATURES

1. Semi-vortex , FRP (Fiberglass Reinforced Plastic), impeller passes solids and stringy material without clogging and increases wear resistance when pumpage contains abrasive particles.

2. Double inside mechanical seals 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, extends 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 sewage, effluent, wastewater and site drainage.

2. Chemical spill containment.

3. Decorative waterfalls, fountains and fish ponds.

Intertek

OIL LIFTER EQUIPPED

SPECIFICATIONS

Discharge Size	2~3" N.P.T. (50 ~ 80mm)
Horsepower Range	1/5 ~ 5Hp. (.15 ~ 3.7 kW)
Performance Range Capacity	13.2 ~ 240.4 G.P.M. (.05 ~ .91 m^3/min)
Head	5.7 Ft. ~ 86.9 Ft. (1.75 ~ 26.50 m)
Maximum water temperature	104^0 F. (40^0 C.)
Materials of Construction	
Casing (upper)/(lower)	FRP (ABS + w/GF 20 or 30) / ABS
Impeller	FRP (PPO + w/GF 20 or 30)
Shaft	304 Stainless Steel
Motor Frame	304 Stainless Steel
Fasteners	304 Stainless Steel
Mechanical Seal	Silicon Carbide
Elastomers	NBR (Nitril Buna Rubber)
Impeller Type	Semi-Vortex, solids handling.
Solids Handling Capability	1.38 -1.81" (35 - 46 mm)
Bearings	Pre-lubricated, Double Shielded
Motor Nomenclature	Air Filled, 3600 Rpm, 60 Hz.
Type, Speed, Hz.	115 or 230 V.,1 Ph.,
Voltage, Phase	208-220, 230, 460, or 575 V . 3 Ph.
Insulation	Class E
Accessories	Submersible Power Cable 32' (10 m)
Operational Mode	Manual

STANDARD

OPTIONS

Length as Required

Model A (Automatic),Model AW (Automatic Alternating) TOK (FRP) Slide rail system