

■ FEATURES

1. Semi-vortex, urethane rubber impeller, urethane front & rear wear plates and ethylene propylene rubber casing increases wear resistance when pumpage contains abrasive particles.
2. Double inside mechanical seals with silicon carbide faces, (both top and bottom) running in an oil filled chamber and further protected by a lip seal running against a replaceable, 304 stainless steel shaft sleeve, provides for the most durable seal design available.
3. Highly efficient, continuous duty air filled, copper wound motor with class B, insulation minimizes the cost of operation.
4. Built in thermal protector prevents motor failure due to overloading or accidental run -dry conditions.
5. Double shielded, permanently lubricated, high temperature C3 ball bearings, extend operational life.
6. Top discharge, flow-thru design enables operation at low water levels for extended periods.

■ APPLICATIONS

1. Residential, commercial, industrial wastewater and construction site drainage.
2. Effluent transfer.
3. Decorative waterfalls and fountains.
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

2" Npt (50 mm)
1 Hp. (.75 Kw)
10 ~ 82 Gpm. (.037 ~ .31 m³/min)
7 ~ 59 Ft. (2.1 ~ 17.9 m)
104° F. (40° C.)

Ethylene Propylene Rubber
Urethane Rubber
403 Stainless Steel
Aluminum alloy
304 Stainless Steel

Silicon Carbide/Silicon Carbide
NBR (Nitril Buna Rubber)
Semi-vortex, solids handling.
Screen opening

Pre-lubricated, Double Shielded C3

Air Filled, 3600 Rpm, 60 Hz.
115/230 V., 1 Phase
230/460/575 V. 3 Phase (LBT-800)
Class E

Submersible Power Cable 50' (9.75 m)

Manual

■ OPTIONS

Length as Required, (97' Max)