



AB - SERIES
PROPELLER TYPE - DEWATERING PUMPS

SPECIFICATIONS

FEATURES

1. Axial flow, cast iron propeller provides for high efficiency, high volume pumping at low head.
2. Highly efficient, continuous duty air filled, copper wound motor with class E, insulation minimizes the cost of operation.
3. Built in thermal protection prevents motor failure due to overloading, accidental run-dry and single phasing in three phase units.
4. Double inside mechanical seals with silicon carbide faces, running in an oil filled chamber and further protected by a lip seal running against a replaceable, 430 stainless steel shaft sleeve, provides for the most durable seal design available.

5. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60,000 hours provide for extended operational life.
6. AB Series has non toxic White Mineral Oil.

APPLICATIONS

1. Residential, commercial, industrial wastewater and site drainage.
2. Decorative waterfalls and fountains.
3. Raw water supply from lakes or rivers.
4. Tail Water Pump.



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

- 4"~6" NPT. (100 - 150 mm)
- 1/ 2 - 2 Hp. (0.4 - 1.5 kW)
- 92.5 - 666.0 GPM. (0.35 - 2.52 m³/min)
- 2.5 - 13.0 Ft. (0.75 - 3.96 m)
- 104° F. (40° C.)
- Cast Iron
- Cast Iron
- 403 Stainless Steel
- Steel Plate , Cast Iron
- 304 Stainless Steel
- Silicon Carbide
- NBR (Nitril Buna Rubber)
- Axial Flow, High Volume
- 0.118 - 0.315" (3.0 - 8.0mm)
- Pre-lubricated, Double Shielded
- Air Filled, 3600 /1800 Rpm, 60 Hz.
- 115 / 230 V., 1 Phase(1/ 2 Hp)
- 208-220 / 460V ., 3Phase (1/ 2 - 2 Hp.)
- Class E
- Submersible Power Cable
- 16 - 32' (5 - 10 m)
- Manual

OPTIONS

- Nema 3R inverter available for 230 V., 1 Ph. operation from 1~2 Hp.
- Length as Required