

## 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.

## 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.



**EQUIPPED**  
(2 HP. & ABOVE)



## 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" N.P.T. (100~150 mm)  
 $\frac{1}{2}$ , 1, 2 Hp. (.4~1.5 kW)  
100~644 G.P.M. (.4~2.44 m<sup>3</sup>/min)  
1.6~11 Ft. (.5~3.5 m)  
104° F. (40° C.)  
Cast Iron/Stainless Steel  
Cast Iron - ASTM A48 Class 35  
403 Stainless Steel  
Steel Plate/304 Stainless Steel  
304 Stainless Steel  
Silicon Carbide  
NBR (Nitril Buna Rubber)  
Axial Flow, High Volume  
Strainer size  
Pre-lubricated, Double Shielded  
Air Filled, 3600 /1800 Rpm, 60 Hz.  
115 V., 1 Phase(  $\frac{1}{2}$  Hp)208, 230 or  
440 V., 3Phase (1&2 Hp.)  
Class E  
Submersible Power Cable 32' (10 m)  
Manual

## OPTIONS

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