



## NK2 - SERIES SEMI-VORTEX - DEWATERING PUMP

## SPECIFICATIONS

### ■ FEATURES

1. Semi-vortex, Ductile Iron impeller with ethylene propylene 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, 430 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 & amperage sensing, protector prevents motor failure due to-

overloading 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. 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  
Upper Seal  
Lower Seal  
Elastomers  
Impeller Type  
Solids Handling Capability  
  
Bearings  
  
Motor Nomenclature  
Type, Speed, Hz.  
Voltage, Phase  
Insulation  
  
Accessories  
  
Operational Mode

### ■ STANDARD

3" Npt (80 mm)  
2 ~ 3 Hp. (1.5 ~ 2.2 Kw)  
30 ~ 130 Gpm. (.11 ~ .49 m<sup>3</sup>/min)  
6 ~ 74 Ft. (1.82 ~ 22.5 m)  
130° F. (54.4° C.)  
  
Ethylene Propylene Rubber  
Ductile Cast Iron  
403 Stainless Steel  
Aluminum alloy  
304 Stainless Steel  
  
Silicon Carbide/Silicon Carbide  
Silicon Carbide/Silicon Carbide  
NBR (Nitril Buna Rubber)  
Semi-vortex, solids handling.  
Screen Size  
  
Prelubricated, Double Shielded  
  
Air Filled, 3600 Rpm, 60 Hz.  
115/230 V., 1 Ph, 230 V. 1 Ph (NK2-22)  
Class B  
  
Submersible Power Cable 32' (9.75 m)  
Manual

### ■ OPTIONS

Length as Required  
TS-301 Float Switch