



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 m³/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