



**NK - SERIES**  
**SEMI-VORTEX - DEWATERING PUMP**

**SPECIFICATIONS**

**FEATURES**

1. 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, stainless steel shaft sleeve provides for the most durable seal design available.
2. Highly efficient, continuous duty, air filled, copper wound motor with class B insulation minimizes the cost of operation.
3. Built in thermal & amperage sensing protector prevents motor failure due to over loading or accidental run dry conditions.
4. Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60,000 hours extend operational life.

5. Top discharge, flow-thru design enables operation at low water levels for extended periods.

Sand Kit : NK2-15SK / NK2-22SK  
The Sand Kit can be added to the NK series to suspend sand and prevent sand lock.

**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**

- 3" NPT (80 mm)
- 2 ~ 3 HP. (1.5 ~ 2.2 kW)
- 55.5 ~ 211.0 GPM. (0.21 ~ 0.80 m<sup>3</sup>/min)
- 34.4 ~ 85.0 Ft. (10.50 ~ 25.91 m)
- 104° F. (40.0° C.)
- Butadiene Rubber + Natural Rubber , Cast Iron (NK2-22L)
- Ductile Cast Iron , High Chrome Cast Iron (NK2-22L , NK2-15SK/22SK)
- 420 , 403 Stainless Steel
- Aluminum alloy
- 304 Stainless Steel
- Silicon Carbide
- NBR (Nitril Butadiene Rubber)
- Semi-vortex, solids handling.
- 0.334" (8.5mm)
- Prelubricated, Double Shielded
- Air Filled, 3600 RPM, 60 Hz.
- 110/220 V., 1 Ph (NK2-15 Dual Voltage)
- Class B
- Submersible Power Cable 32' (10.0 m)
- Manual

**OPTIONS**

- Length as Required
- TS-301 Float Switch