



NK SERIES

Semi-Vortex Dewatering Pump

SPECIFICATIONS



✓ FEATURES

- 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.
- Highly efficient, continuous duty, air filled, copper wound motor with class B insulation minimizes the cost of operation.
- Built in thermal & amperage sensing protector prevents motor failure due to overloading or accidental run dry conditions.
- Double shielded, permanently lubricated, high temperature C3 ball bearings rated for a B-10 life of 60,000 hours extend operational life.
- Top discharge, flow-thru design enables operation at low water levels for extended periods.
- **Sand Kit : NK2-15SK / NK3-22SK**
The Sand Kit can be added to the NK series to suspend sand and prevent sand lock.

✓ APPLICATIONS

- Residential, commercial, industrial wastewater and construction site drainage.
- Effluent transfer.
- Decorative waterfalls and fountains.
- Raw water supply from rivers or lakes.

✓ SPECIFICATIONS

NK SERIES		STANDARD	OPTIONS
Discharge Size		3" NPT (50mm)	
Horsepower Range		2" - 3" HP (1.5 - 2.2kW)	
Performance Range	Capacity	55.5 - 211.0 GPM (0.21 - 0.80m ³ /min)	
	Head	34.4 - 85.0 ft. (10.50 - 25.91m)	
Maximum Water Temperature		104F° (40C°)	
Materials of Construction	Casing	Butadiene Rubber + Natural Rubber + Cast Iron (NK3-22L)	
	Impeller	Ductile Cast Iron, High Chrome Cast Iron (NK3-22L, NK2-15SK/NK3-22SK)	
	Shaft	402, 403 Stainless Steel	
	Motor Frame	Aluminum Alloy	
	Fastners	304 Stainless Steel	
Mechanical Seal		Silicon Carbide	
Elastomers		NBR (Nitrile Butadiene Rubber)	
Impeller Type		Semi-Vortex, Solids Handling	
Solids Handling Capability		0.334" (8.5mm)	
Bearings		Prelubricated, Double Shielded	
Motor Nomenclature	Type, Speed, Hz	Air Filled, 3600RPM, 60Hz	
	Voltage, Phase	110 / 220V, 1 Phase (NK2-15 Dual Voltage)	
	Insulation	Class B	
Accessories		Submersible Power Cable, 32' (10m)	Length as required
Operational Mode		Manual	TS-304 Float Switch (110V) TS-303 Float Switch (230V)