

NK

General Dewatering Pumps

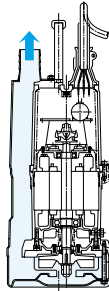
Heavy-Duty, High-Head Pumps for Handling Abrasive Materials Found on Construction Sites



Individual Features

Side Flow Design

Achieved efficient cooling of the motor. The top discharge port makes the pump easier to install in narrow locations.



Internal Starting Capacitor

A starting capacitor is built into the pump, despite of the high-performance motor.

Simple Structure

The pump section can be disassembled and reassembled using a single 13-mm box wrench.

Major Standard Specifications

Discharge Bore		mm	50
Motor Output		kW	1.5 - 2.2
Pumping Fluid	Type of Fluid	Rain, Spring, Ground, Sand Carrying Water	
	Fluid Temperature	0 to 40°C	
Pump	Structure	Impeller	Semi-vortex
		Shaft Seal	Double Mechanical Seal (with Oil Lifter)
		Bearing	Double-shielded Ball Bearing
Materials	Impeller	Ductile Cast Iron	
	Casing	Synthetic Rubber	
	Shaft Seal	Silicon Carbide	
Motor	Type, Pole	Dry Type Submersible Induction Motor, 2-pole	
	Insulation	Class B	
	Phase/Voltage	Single-phase/ 110V, 220V, 230V, 240V	
	Starting Method	Capacitor Start/ Capacitor Start + Capacitor Run	
	Protection Device (Built-in)	Circle Thermal Protector	
	Lubricant	Turbine Oil (ISO VG32)	
	Materials	Frame	Aluminium Alloy Die-casting
Shaft		403 Stainless Steel	
Cable		Chloroprene Rubber	

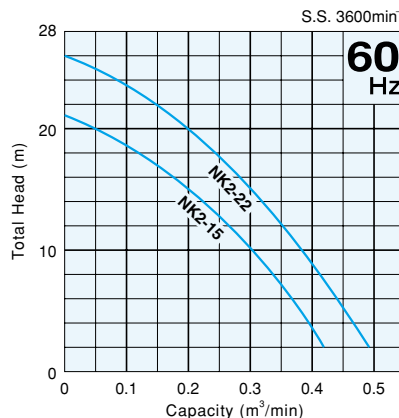
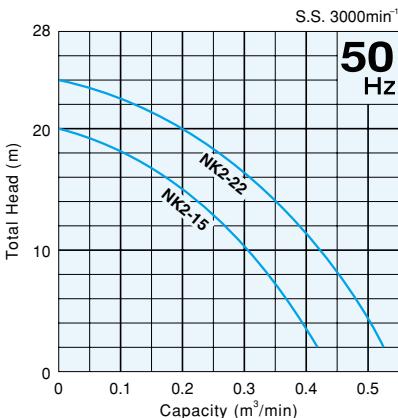
Applications

Draining at civil engineering or building sites
 Draining storm water, groundwater, or puddles
 Draining from basements or utility pits

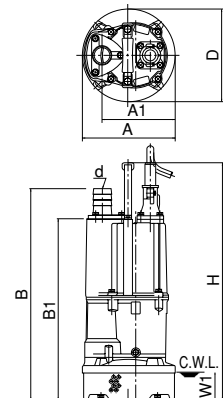
Standard Accessory

- Hose Coupling.....1pc.

Performance Curves



Dimensions



C.W.L. : Continuous Running Water Level

Standard Specifications 50/60Hz

Discharge Bore mm	Model	Motor Output kW	Phase	Starting Method	Dry Weight kgs	Cable Length m	Dimensions mm						C.W.L. mm	
							d	A	A1	B	B1	D		H
50	NK2-15	1.5	Single	Capacitor Start	31.6	10	50	240	187	555	473	240	623	80
50	NK2-22	2.2	Single	Capacitor Start + Capacitor Run	32.0	10	50	240	187	555	473	240	623	80

● Dry weight excluding cable