

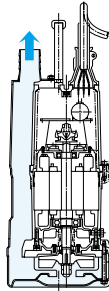
## Heavy-Duty, High-Head Pumps for Handling Abrasive Materials Found on Construction Sites



### 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	

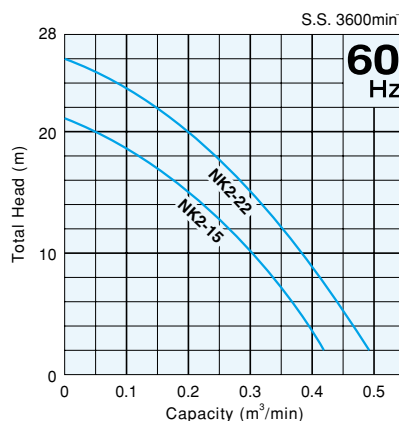
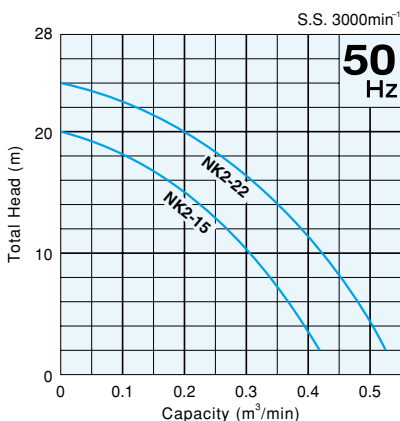
### Applications

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

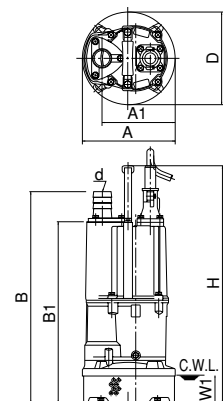
### Standard Accessory

- 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