

# NK

## Submersible General Dewatering Torque Flow Pump

High-tech materials of construction resist wear and improve pump life.

Heavy duty, high head pumps capable of handling abrasive materials found on construction sites.

Torque flow design decreases wear by minimizing contact with abrasives.

### NK2-15/22

- Ethylene propylene rubber casing and wear plate for maximum durability.
- V-ring system protects the shaft seal from abrasives.
- Internal capacitor start.
- Terminal board for voltage reconnect, NK2-15 only.



### Major Standard Specifications

Item	Discharge bore size inch	3	NK2-15/22	
Pumping Fluid	Type of Fluid	Rain Water, Ground Water, Sand Carrying Water		
	Liquid Temperature	32°-130° F		
Pump	Components	Impeller	Semi-Vortex	
		Shaft Seal	Double Mechanical Seal	
		Bearing	Shielded Ball Bearing	
	Materials	Impeller	Ductile Iron Casting	
		Casing	Ethylene Propylene Rubber	
Shaft Seal (mechanical seal)	Silicon Carbide			
Motor	Type, Poles	Dry-Type Submersible Induction Motor, 2 Poles		
	Insulation	Class B		
	Phase / Voltage	Single-Phase / 110V (NK2-15 only), 220V		
	Motor Protector (Built-In)	Circle Thermal Protector		
	Lubricant (mechanical seal)	Turbine Oil (ISO VG32) 5.7 oz.		
	Materials	Frame	Aluminum Alloy Casting	
		Shaft	Stainless Steel #403	
Cable		Chloroprene Sheath		
Discharge Connection	NPT Hose Coupling			

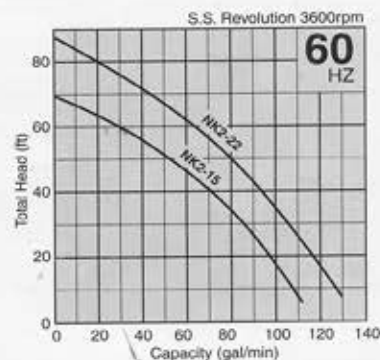
### Standard Quality Features

- Silicon carbide faced double mechanical seal.
- Built-in motor protector (thermal and over current).

### Optional Accessory

- TS-303 Float Switch for automatic operation (220V only).

### Performance Curves



### Specifications 60HZ

Discharge Bore inch	Model	Motor Output HP	Phase	Voltage V	Total Head (MAX.) ft.	Capacity (MAX.) gal/min	Rated Current A	Starting Method	Ship Weight lb.	Length of Cable ft.	Dimensions inch			C.W.L. inch
											W	D	H	
3	NK2-15	2	Single	110/220	69	111	23.0/11.5	Capacitor Start	78	32	9 1/2	9 1/2	24 1/2	3 1/8
3	NK2-22	3	Single	220	86	130	13.0	Capacitor Start	78	32	9 1/2	9 1/2	24 1/2	3 1/8

- Max. Cable Length (including standard 32 ft.)  
NK2-15 110V-60 ft. / 220V-240 ft. 3c x 12AWG  
NK2-22 129 ft. 3c x 14AWG

■ C.W.L. Continuous Running Water Level