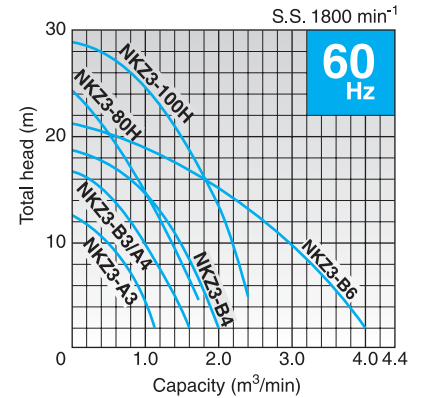
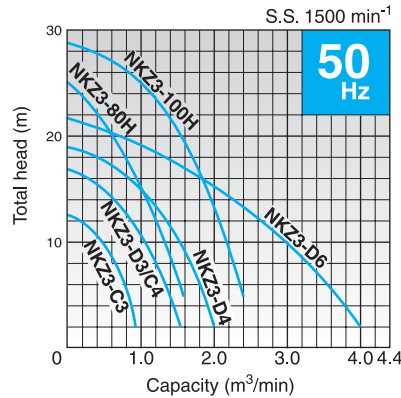




Performance Curves



Specifications 50/60Hz

Discharge Bore mm	Model	Motor Output kW	Phase	Total Head m	Capacity m³/min	Starting Method	Dry Weight kgs	Length of Cabtyre Cable m
80	NKZ3-C3/A3	2.2	Three-phase	10	0.50	D.O.L.	91	8
80	NKZ3-D3/B3	3.7	Three-phase	15	0.50	D.O.L.	100	8
80	NKZ3-80H	5.5	Three-phase	20	0.55	D.O.L.	132	8
100	NKZ3-C4/A4	3.7	Three-phase	10	1.00	D.O.L.	97	8
100	NKZ3-D4/B4	5.5	Three-phase	15	1.00	D.O.L.	115	8
100	NKZ3-100H	11	Three-phase	25	1.00	D.O.L.	196	8
150	NKZ3-D6/B6	11	Three-phase	15	2.00	D.O.L.	192	8

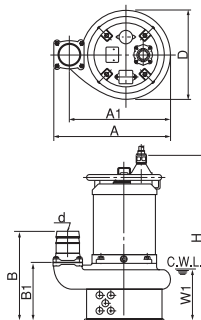
*Dry weight of the pump excluding cable.

Major Standard Specifications

Item		Discharge bore size mm		80	100	150	
Pumping fluid	Type of fluid		Sludge, various types of slurry, liquid containing sandy mud				
	Liquid temperature		0~40℃				
Pump	Components	Impeller	Open type				
		Shaft seal	Double mechanical seal				
		Bearing	Shielded ball bearing				
	Materials	Impeller	Ductile iron casting Chromium iron casting (H type)				
		Casing	Grey iron casting				
		Suction cover	Grey iron casting Ductile iron casting (H type)				
		Shaft seal (mechanical seal)	Silicon carbide				
Motor	Type, Poles		Dry-type submersible induction motor, 4 poles				
	Insulation		Class E · B				
	Phase / Voltage		Three-phase/ 220V, 380V, 400V, 415V, 440V, 460V				
	Motor protector (Built-in)		Circle thermal protector				
	Lubricant		Turbine oil(ISO VG32)				
	Materials	Frame	Grey iron casting				
		Shaft	Stainless steel #420				
Cable		Chloroprene rubber					
Discharge connection			Hose coupling				

Dimensions

Unit: mm



C.W.L. : Continuous Running Water Level

Model	d	A	A1	B	B1	D	H	W1
NKZ3-C3/A3	80	467	405	371	249	370	664	225
NKZ3-D3/B3	80	467	405	371	249	370	709	225
NKZ3-80H	80	491	430	387	264	401	754	220
NKZ3-C4/A4	100	467	405	386	249	370	709	225
NKZ3-D4/B4	100	485	424	382	245	380	715	220
NKZ3-100H	100	547	486	422	284	414	841	240
NKZ3-D6/B6	150	620	520	458	266	450	798	240

Specific installation

(Contact your nearest dealer for more information.)

Guide-rail fitting

Simplifies connection/disconnection between pump and piping. Eliminates the depressive maintenance work down in the pit.



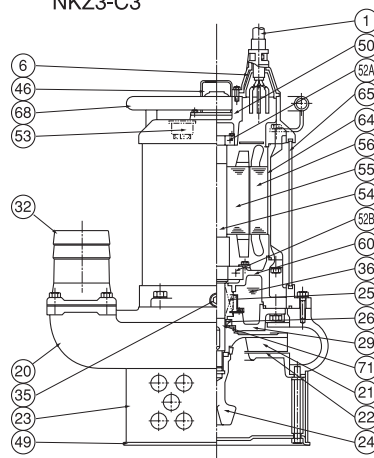
Standard Accessories

- Cabtyre cable 1pc
- Hose coupling 1pc



Cross-sectional Construction Drawing

NKZ3-C3



NO.	DESCRIPTIONS	NO.	DESCRIPTIONS
1	Cabtyre Cable	49	Bottom Plate
6	Stuffing Box	50	Motor Bracket
20	Pump Casing	52A	Upper Bearing
21	Impeller	52B	Lower Bearing
22	Suction Cover	53	Motor Protector
23	Strainer Stand	54	Shaft
24	Forced Agitation	55	Rotor
25	Mechanical Seal	56	Stator
26	Oil Seal	60	Bearing Housing
29	Oil Casing	64	Motor Frame
32	Hose Coupling	65	Outer Cover
35	Oil Plug	68	Handle
36	Lubricant	71	Shaft Sleeve
46	Air Release Valve		

*Oil Lifter is not illustrated.



For The Earth, For All The People



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