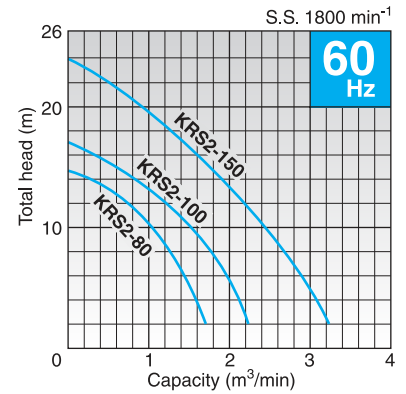
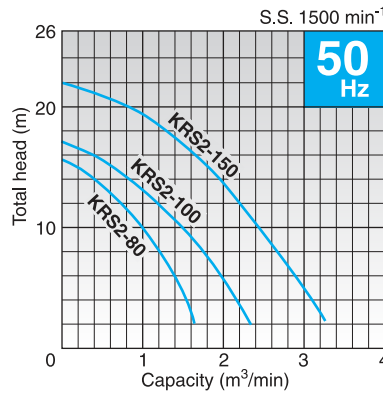


Performance Curves



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	KRS2-80	4	Three-phase	10	1.0	D.O.L.	105	8
100	KRS2-100	6	Three-phase	10	1.5	D.O.L.	145	8
150	KRS2-150	9	Three-phase	15/8	1.8/2.5	D.O.L.	170/162	8

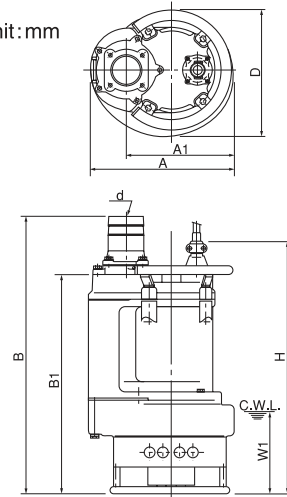
•Dry weight of the pump excluding cable.

Major Standard Specifications

Item		Discharge bore size mm			80	100	150	
Pumping fluid	Type of fluid		Sludge, slurry, liquids containing sandy mud and and/or bentonite					
	Liquid temperature		0~40℃					
Pump	Components	Impeller	Open type					
		Shaft seal	Double mechanical seal					
		Bearing	Shielded ball bearing					
	Materials	Impeller	Chromium iron casting					
		Casing	Grey iron casting					
		Suction plate	Chromium iron casting					
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
KRS2-80	80	350	260	786	666	326	766	250
KRS2-100	100	415	305	815	678	373	754	250
KRS2-150 50Hz	150	434	324	879	699	407	811	250
KRS2-150 60Hz	150	415	305	879	699	383	811	250

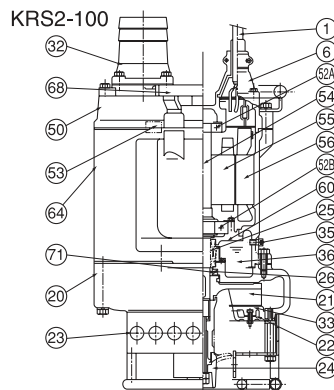
•4-pole KRS pumps designed for general construction pumping jobs may come in any bore between 80 to 250mm.
For details see Catalog IB102 sent upon request.

Standard Accessories

- Cabtyre cable 1pc
- Hose coupling 1pc



Cross-sectional Construction Drawing



NO.	DESCRIPTIONS	NO.	DESCRIPTIONS
1	Cabtyre Cable	36	Lubricant
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
32	Hose Coupling	64	Motor Frame
33	Suction Plate	68	Handle
35	Oil Plug	71	Shaft Sleeve

•Oil Lifter is not illustrated.



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