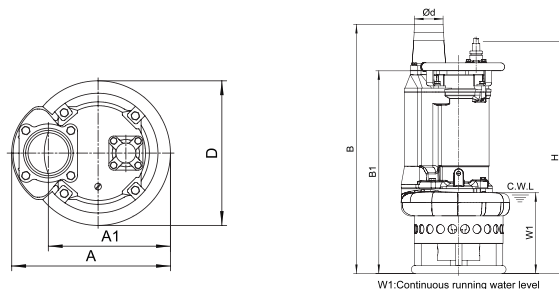


SUBMERSIBLE SLURRY PUMP

Features:

- The cast iron construction of our KBS series extends pump life by preventing premature wear and failure from the abrasive materials found in mining and construction applications. Available in a variety of discharge sizes and horsepower, the KBS pumps are engineered to withstand even the most rigorous situations.
- 4 pole, 1800 rpm motors reduce impeller tip speed and extend parts wear life.
- High chrome alloy impeller combined with agitator for pumping heavy slurry.
- Insulation class: F
- Protection class: IP68
- Cable length: 8m, other length optional
- Water temperature: up to 40° C
- Max immersion depth: 15m



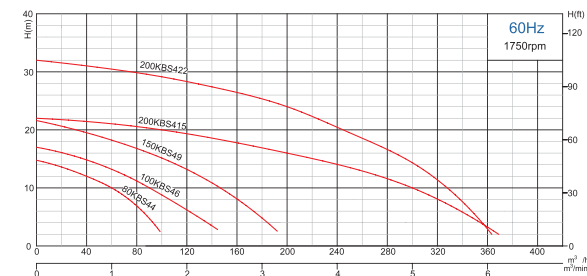
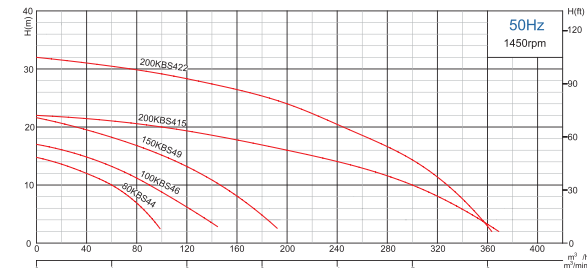
Material of construction

Item No.	Part name	Material	Item No.	Part name	Material
01	Hose coupling	Cast iron	25	Strainer	Steel
02	Handle	Steel	27	Stator	
05	Upper cover	Cast iron	28	Rotor	Shaft: stainless steel
07	Bearing house	Cast iron	31a	Bearing	Ball bearing
11	Motor body	Cast iron	31b	Bearing	Ball bearing
13	Pump body	Cast iron	34	Mechanical seal	Tc-Sic/Sic-Sic
14a	Impeller	High chrome alloy			Tc-Sic/Sic-Sic (> 15kW)
14b	Agitator		35	Oil seal	
16a	Inlet plate	High chrome alloy	47	Cable	
16b	Inlet plate	Cast iron			

Dimensions & weights

Model (50/60Hz)	d mm	A mm	A1 mm	B mm	B1 mm	D mm	H mm	W1 mm	N.W Kg	G.W Kg	Packing dimension mm
80KBS44	80	350	260	816	678	326	730	250	108.5	119	885x385x395
100KBS46	100	415	305	844	682	373	730	250	141	151	470x410x985
150KBS49	150	434	324	889	727	407	776	250	171	183	470x470x1045
200KBS415	200	484	352	1121	889	457	980	295	260	278	540x500x1220
200KBS422	200	578	442	1245	1015	528	1200	330	408	434	740x570x1460

Performance curves



Performance table

Model (50/60Hz)	Outlet mm	Motor power kW	Starting Method	Rated current (380V)	Rated capacity m³/h	Rated head m	Max capacity m³/min	Max Head m	Impeller Passage mm			
				A								
80KBS44	80	4	5.5	D.O.L.	10.2	60	1.0	10	99	1.65	14.8	30
100KBS46	100	6	8	D.O.L.	13.8	90	1.50	10	144	2.40	16.9	30
150KBS49	150	9	12	D.O.L.	19.5	100	1.67	15	192	3.20	21.5	30
200KBS415	200	15	20	D.O.L.	30.1	200	3.33	16	372	6.20	22	30
200KBS422	200	22	30	Star-Delta	42	200	3.33	24	360	6	32	30