

KBS SLURRY PUMP 泥漿泵

Characteristic & Application 特點及應用

This pump designed for handling raw sewage, wastewater, and heavy-duty industrial applications, where the pump is subject to clogging from oversize material. A tungsten carbide alloy edge blazed on the impeller vane on the serrated suction cover. This mechanism cuts incoming fibrous material into pieces, permitting smooth passage of fibrous material.

沉水式重型鑄鐵攪拌型四極泥漿泵，高鉻鋼鑄鐵攪拌器有助於快速地吸入沈澱物。其他零部件如葉輪和吸入蓋均採用高鉻鋼鑄鐵鑄造達到超強的耐磨性。



Specification 產品規格

Model 型號 (50HZ)	Outlet 出水呎吋		Voltage 電壓	Motor Power 摩打功率		Max. Head 最高程揚	Max. Capacity 最大流量		Solid Passage 可容固體	Weight 重量
	inch	mm	V	kW	HP	m	l/s	m ³ /min	mm	kg
80KBS44	3	80	380	4	5.5	14.8	27.5	1.65	30	119
100KBS46	4	100	380	6	8	16.9	40.0	2.40	30	151
150KBS49	6	150	380	9	12	21.5	53.3	3.20	30	183
200KBS415	8	200	380	15	20	22.0	103.3	6.20	30	278

*可配合 L531 水泵起動控制箱使用，加強對水泵的保護。

*To use with L531 pump starter panel to enhance pump protection.

Hose & Hose Accessories 對應喉管及喉碼

Model 型號	Hose 喉管			Clamp 喉箍		Coupling 接頭			Galvanized Hose Connector 鍍鋅駁芯
	Layflat 扁喉	Spiral 骨喉	WS150 Hose 鋼線橡膠喉	T-Bolt 闊身喉碼	Omega 奧米茄碼	Bauer 鮑爾接頭	Camlock 快速接頭	Storz 德式接頭	
									
80KBS44	3" Layflat Hose			T74-79	SL94	3" Bauer	3" Camlock	3" Storz	3" Connector
	3" Spiral Hose			T80-85	SL94				
	3" WS150 Rubber Hose			T86-91	SL94				
100KBS46	4" Layflat Hose			T104-112	SL115	4" Bauer	4" Camlock	4" Storz	4" Connector
	4" Spiral Hose			T104-112	SL115/525				
	4" WS150 Rubber Hose			T113-121	SL115/525				
150KBS49	6" Layflat Hose			T149-161	SL675	6" Bauer	6" Camlock	6" Storz	6" Connector
	6" Spiral Hose			T162-174	SL675				
	6" WS150 Rubber Hose			T162-174	SL675				
200KBS415	8" Layflat Hose			T201-213	SL875	8" Bauer	8" Camlock	-	8" Connector
	8" Spiral Hose			T214-226	SL988				
	8" WS150 Rubber Hose			T214-226	SL988				

Submersible slurry pump with a 4-pole motor for an increased lifetime and greater convenience. High chrome alloy impeller combined with agitator for pumping heavy slurry . Slim design with a top discharge enabling installation in smaller casing. For bentonite mixed water in foundation works or muddy water in civil engineering works.



Specification

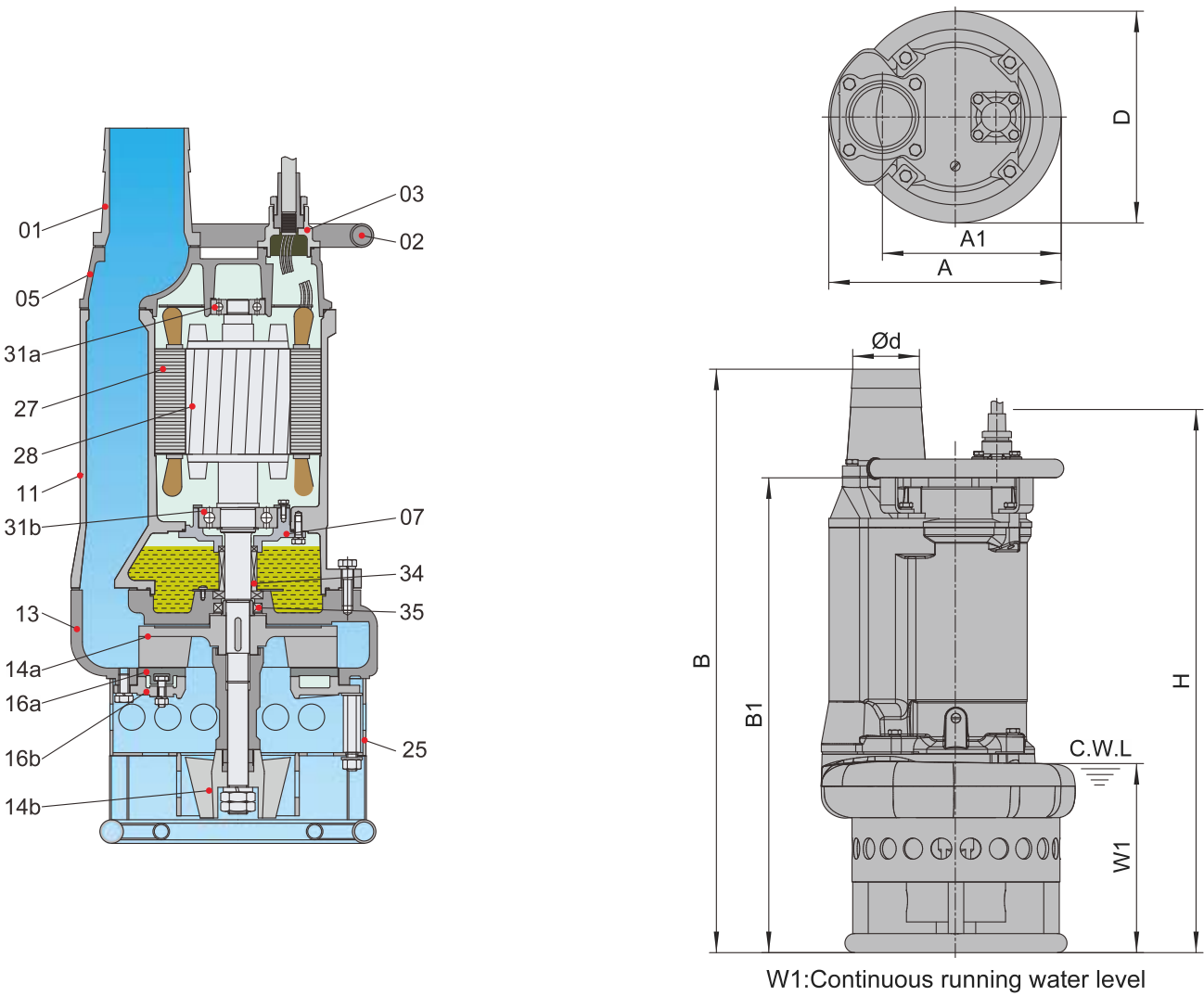
- Capacity: up to 372 m³/h
- Head: up to 32 meters
- Discharge: 80mm(3") to 200mm(8")
- Power: 4kW(5.5HP) to 22kW(30HP)
- Power supply: three phase 380V ± 10%, 50Hz
380V ± 10%, 60Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 8m
- Water temperature: up to 40°C
- Max. water depth: 15m

Application

- Civil engineering
- Mines, quarries, coal ore & slurries
- Sewage treatment plants
- General pumping purposes
- Pumping fluid: sludge, liquids-containing mud and bentonite

Special features on request

- Other voltages
- The length of cable is optional



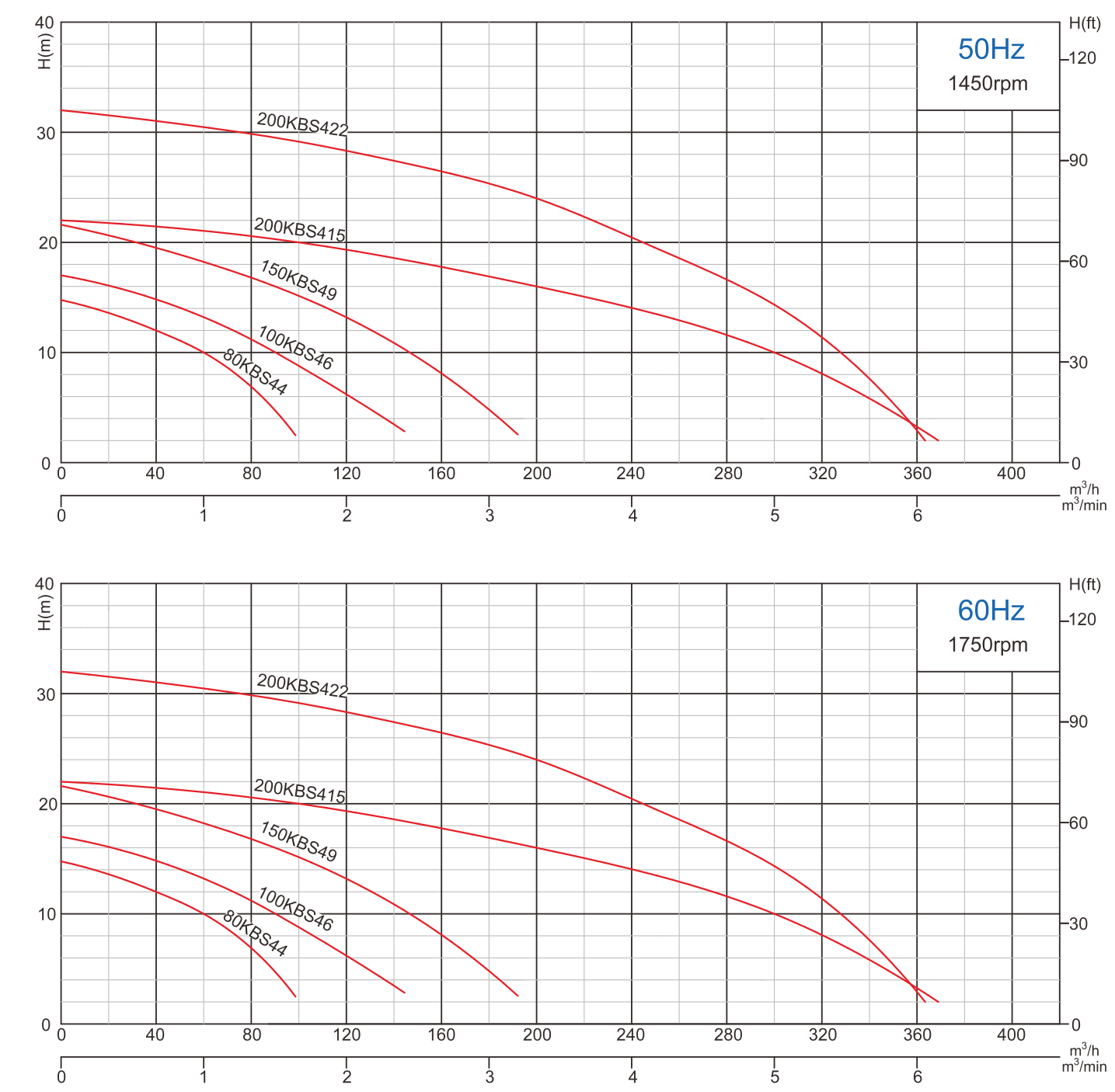
Material of construction

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: AISI420SS
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	Sic-Sic/Sic-Sic Tc-Sic/Sic-Sic (≥ 15kW)
14a	Impeller	High chrome alloy	35	Oil seal	
14b	Agitator	High chrome alloy	47	Cable	
16a	Inlet plate	High chrome alloy			
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	Motor power		Starting Method	Rated current (380V)	Rated capacity		Rated head	Max capacity		Max Head	Impeller Passage
	mm	kW	HP		A	m³/h	m³/min	m	m³/h	m³/min	m	mm
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