

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

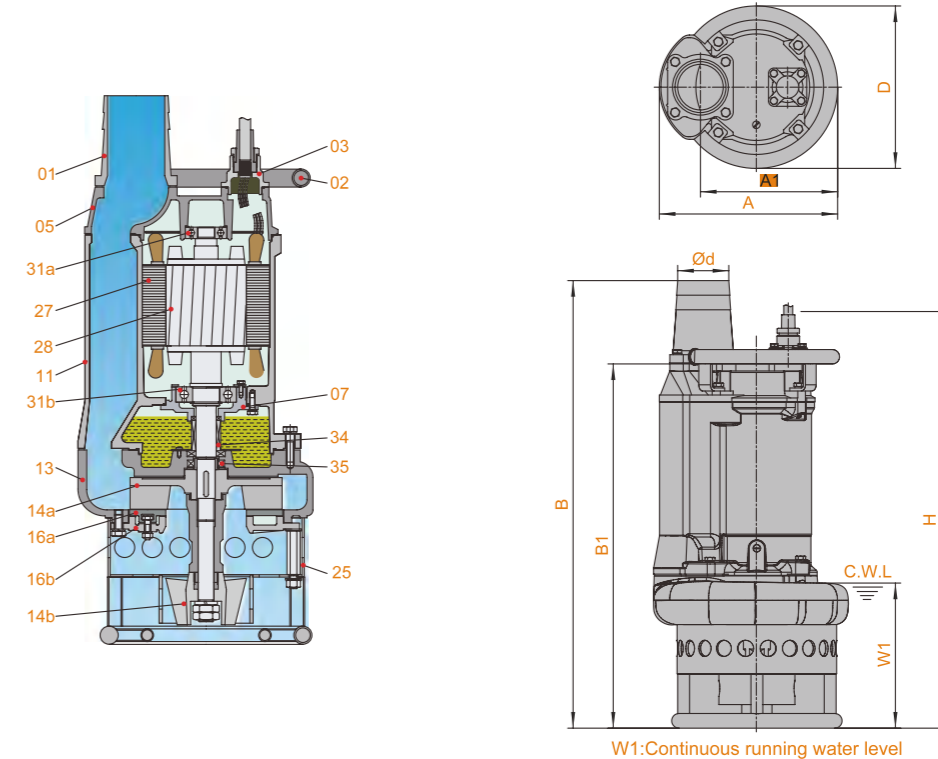
- Capacity: up to 372 m³/h
- Head: up to 32 meters
- Discharge: 80mm(3") to 200mm(8")
- Power: 4 kW(5.5HP) to 22 kW (30HP)
- Power supply: three phase 380V±10%, 50Hz
380V±10%, 60Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 8m
- Water temperature: up to 40°C
- Max. water depth: 15m

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

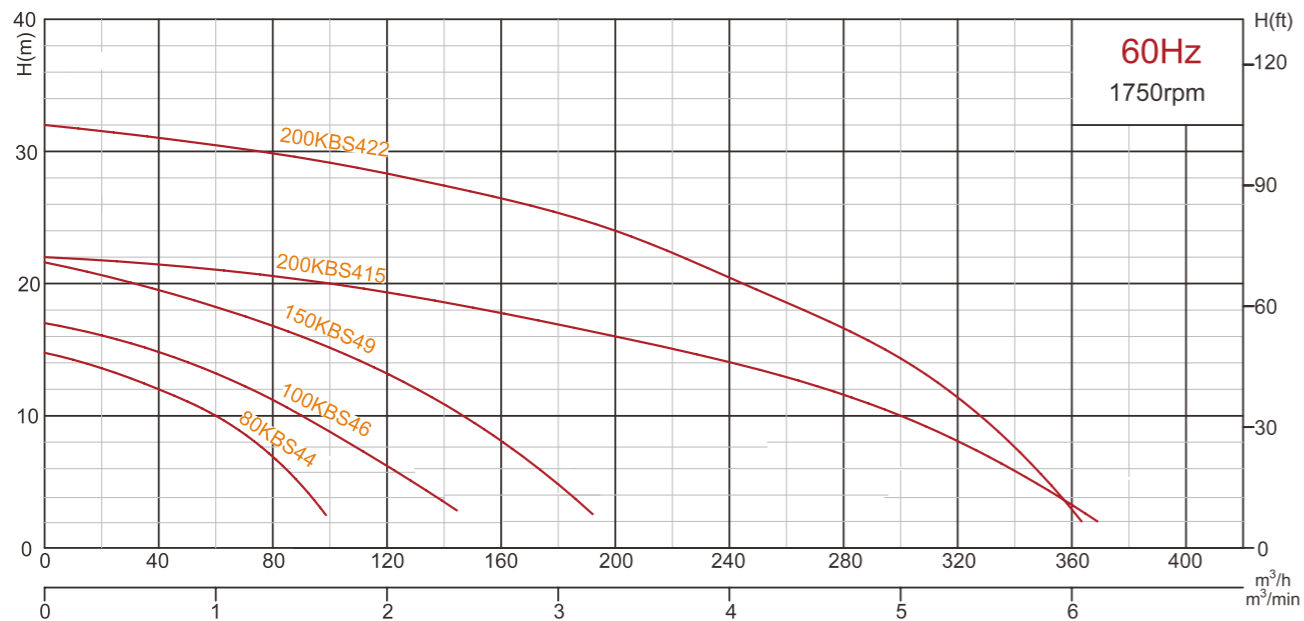
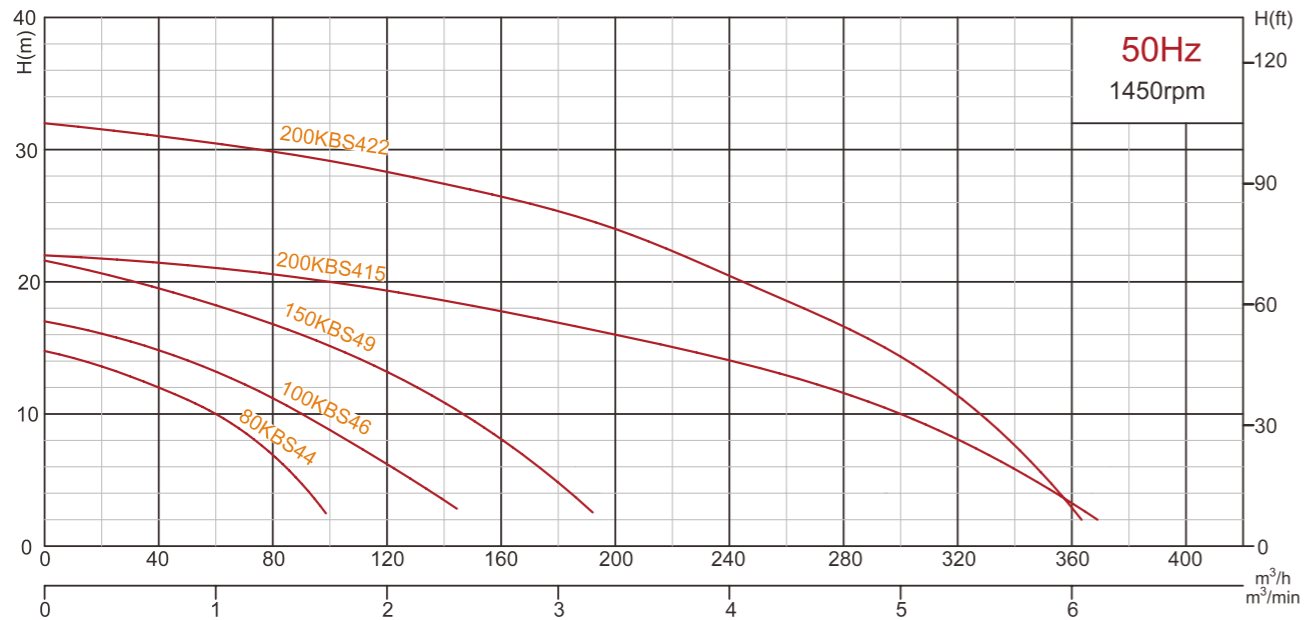
- Other voltages
- The length of cable is optional



Item No.	Part name	Material
01	Hose coupling	Cast iron
02	Handle	Steel
05	Upper cover	Cast iron
07	Bearing house	Cast iron
11	Motor body	Cast iron
13	Pump body	Cast iron
14a	Impeller	High chrome alloy
14b	Agitator	High chrome alloy
16a	Inlet plate	High chrome alloy

Item No.	Part name	Material
16b	Inlet plate	Cast iron
25	Strainer	Steel
27	Stator	
28	Rotor	Shaft: AIS1420SS
31a	Bearing	Ball bearing
31b	Bearing	Ball bearing
34	Mechanical sea	Sic-Sic/Sic-Sic Tc-Sic/Sic-Sic(≥15kW)
35	Oil seal	
47	Cable	

Model	d	A	A1	B	B1	D	H	W1	N.W	G.W	Packing dimension
50/60Hz	mm	mm	mm	mm	mm	mm	mm	mm	Kg	Kg	mm
80KBS44	80	350	260	816	678	326	730	250	108.5	119	885*385*395
100KBS46	100	415	305	844	682	373	730	250	141	151	470*410*985
150KBS49	150	434	324	889	727	407	776	250	171	183	470*470*1045
200KBS415	200	484	352	1121	889	457	980	295	260	278	540*500*1220
200KBS422	200	578	442	1245	1015	528	1200	330	408	434	740*570*1460



Model 50/60HZ	Outlet mm	Motor power		Starting Method	Rated current (380V) A	Rated capacity		Rated head m	Max capacity		Max head m	impeller passage mm
		kW	HP			m³/h	m³/min		m³/h	m³/min		
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

The body of motor and pump is made of rigid cast iron for long-lasting durability. Greatly increased maximum submersion depth due to double mechanical seal resistant to high pressure Hydraulic part under the motor and motor cooled by the pumped water for safe operation also with the pump only partially immersed. Space economy by a top outlet. Hermetically sealed motor equipped. Discharge 100mm(4")to 150mm(6 ") , motor 22kW(30HP) to 30kW(40HP) Motor is dry type submersible induction motor (2 poles)

Specification

- Capacity: up to 372 m³/h
- Head: up to 90 meters
- Power: 22 kW(30HP) to 45 kW (60HP)
- Power supply: three phase 400V±10%,50Hz
380V±10%,60Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 20m
- Water temperature: up to 40°C
- Max.water depth: 30m

Application

- Deep-well pre-dewatering or high-head dewatering
- Civil engineering and construction works
- Mines, quarries, coal ore & slurries
- Sewage treatment plants
- General pumping purposes

Special features on request

- Other voltages
- The length of cable is optional

