



Application

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

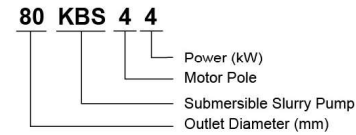
Pump

- Max. liquid temperature: +40°C
- Flow: up to 60 m³/h
- Head: up to 57 m
- Power: 1.5 kW (2 HP) to 15 kW (20 HP)
- Max. Immersion depth: 25 m
- Optional cable length

Motor

- Copper winding
- Insulation class: B
- Protection class: IP68

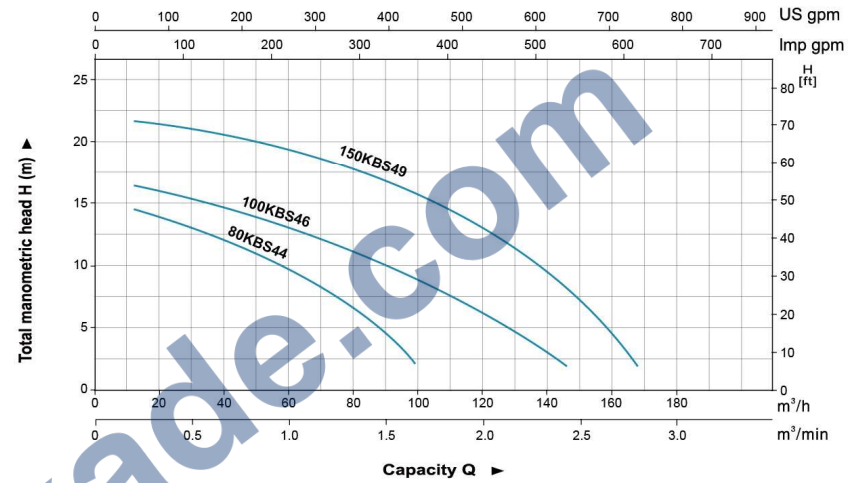
Identification Codes



Technical Data

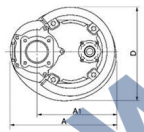
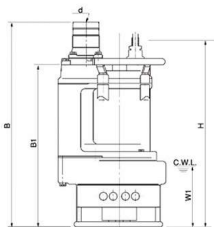
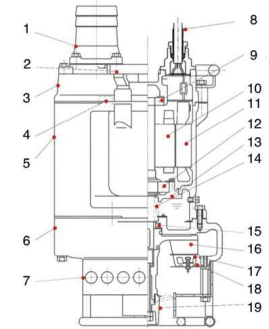
Model	Discharge		Power		Max. Head m	Max. Flow		Max. Solid Dia mm
	mm		kW	HP		m ³ /h	l/min	
80KBS44	80		4	5.5	14.8	99	1650	30
100KBS46	100		6	8	16.9	150	2500	30
150KBS49	150		9	12	21.5	168	2800	30

Hydraulic Performance Curves



Materials Table

No.	Part	Material	No.	Part	Material
1	Hose coupling	Cast iron	11	Stator	
2	Handle	Steel	12	Bearing	
3	Upper cover	Cast iron	13	Bearing house	Cast iron
4	Motor protector		14	Mechanical seal	Sic-Sic/Sic-Sic
5	Motor body	Cast iron	15	Oil seal	
6	Pump body	Cast iron	16	Impeller	High chrome alloy
7	Strainer	Steel	17	Inlet plate	High chrome alloy
8	Cable		18	Inlet base	Cast iron
9	Bearing		19	Agitator	High chrome alloy
10	Rotor				



Dimension

Model	d	A	A1	B	B1	D	H	W1
80KBS44	80	350	260	816	666	326	730	250
100KBS46	100	415	305	844	688	373	730	250
150KBS49	150	434	324	889	709	407	776	250

Package Information

Model	N.W (kg)	G.W (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
80KBS44	105	113	855	415	400	190
100KBS46	145	156	415	475	990	143
150KBS49	170	184	475	475	1050	118

