



Application

- Civil engineering
- Mines, quarries, Coal ore & slurries
- Sewage treatment plants
- General pumping purposes

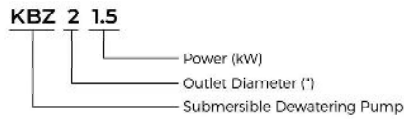
Pump

- 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

- Insulation class: B
- Protection class: IP68

Identification Codes

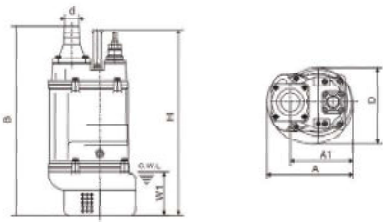


Technical Data

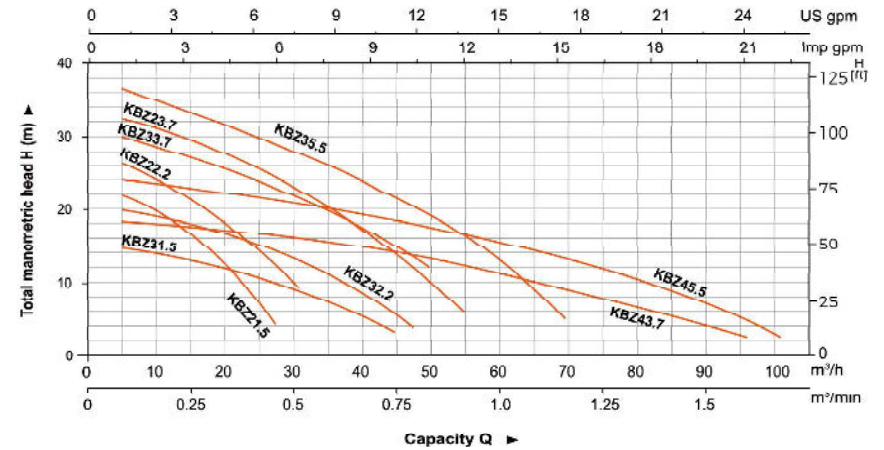
Model	Power		Discharge mm	Max. flow		Max. head m	Max. Solid Dia mm
	kW	HP		m ³ /h	m ³ /min		
KBZ21.5	1.5	2	50	27	0.45	23	8.5
KBZ22.2	2.2	3	50	31	0.52	28	8.5
KBZ23.7	3.7	5	50	50	0.83	33	8.5
KBZ31.5	1.5	2	80	45	0.75	15	8.5
KBZ32.2	2.2	3	80	47	0.78	20.5	8.5
KBZ33.7	3.7	5	80	55	0.92	31	8.5
KBZ35.5	5.5	7.5	80	69	1.15	38	8.5
KBZ43.7	3.7	5	100	96	1.6	18.5	8.5
KBZ45.5	5.5	7.5	100	102	1.7	24.4	8.5

Dimension

Model	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)
KBZ21.5	50	235	173	517	216	486	120
KBZ22.2	80	235	173	517	216	486	120
KBZ23.7	50	235	173	517	216	486	120
KBZ31.5	80	235	173	517	216	486	120
KBZ32.2	50	203	200	620	252	630	150
KBZ33.7	80	283	208	628	252	638	150
KBZ35.5	100	283	208	642	252	638	150
KBZ43.7	80	306	218	671	259	598	150
KBZ45.5	100	306	218	686	259	598	150

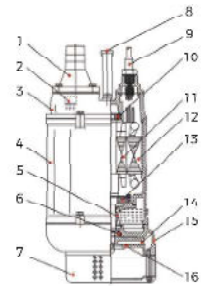


Hydraulic Performance Curves



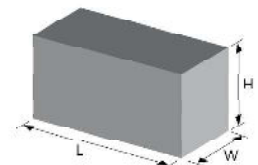
Materials Table

No.	Part	Material	No.	Part	Material
1	Hose coupling	Cast iron	9	Cable	
2	Thermal protector		10	Bearing	
3	Upper cover	Cast iron	11	Rotor	
4	Motor cover	Cast iron	12	Stator	
5	Oil seal		13	Bearing	
6	Mechanical seal	Lower: Sic Sic Upper: Carbon Sic (≤2.2kW) Lower: Sic Sic Upper: Sic Sic (≥3.7kW)	14	Impeller	High chrome alloy
7	Strainer	Steel	15	Pump body	Cast iron
8	Handle	Steel	16	Inlet plate	Ductile iron



Package Information

Model	N.W (kg)	G.W (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'FEU)
KBZ21.5	34.5	37.5	585	270	270	648
KBZ22.2	36	39	585	270	270	648
KBZ23.7	60	65	685	325	300	406
KBZ31.5	34.5	37	585	270	270	648
KBZ32.2	36	39	585	270	270	648
KBZ33.7	60	65	605	325	300	406
KBZ35.5	77	84	725	355	370	288
KBZ43.7	61	66	685	325	300	406
KBZ45.5	78	85	725	355	370	288





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Pump

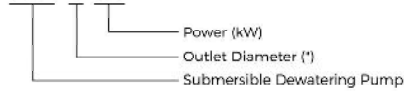
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- Optional cable length

Motor

- Insulation class: B
- Protection class: IP68

Identification Codes

KBZ 4 7.5

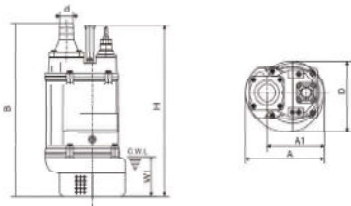


Technical Data

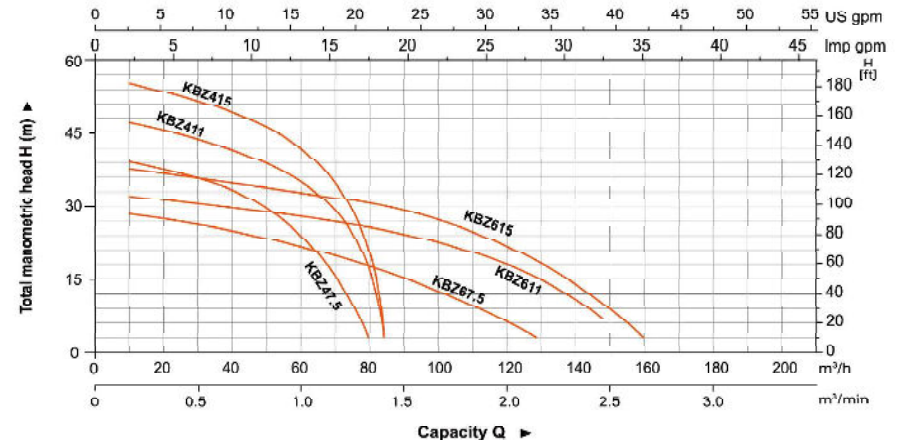
Model	Power		Discharge	Max. flow		Max. head	Max. Solid Dia
	kW	HP		m ³ /h	m ³ /min		
KBZ47.5	7.5	10	100	80	1.33	41	11.5
KBZ411	11	15	100	84	1.4	48.5	11.5
KBZ415	15	20	100	84	1.4	57	11.5
KBZ67.5	7.5	10	150	127	2.12	31	19.5
KBZ611	11	15	150	147	2.45	32	19.5
KBZ615	15	20	150	160	2.67	39	19.5

Dimension

Model	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)
KBZ47.5	100	330	240	764	314	676	190
KBZ411	100	373	255	807	350	695	190
KBZ67.5	150	330	240	790	314	676	190
KBZ611	150	373	255	807	350	695	190
KBZ415	100	373	255	842	350	755	190
KBZ615	150	373	255	842	350	755	190

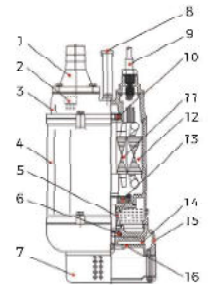


Hydraulic Performance Curves



Materials Table

No.	Dart	Material	No.	Dart	Material
1	Hose coupling	Cast iron	9	Cable	
2	Thermal protector		10	Bearing	
3	Upper cover	Cast iron	11	Rotor	
4	Motor cover	Cast iron	12	Stator	
5	Oil seal		13	Bearing	
6	Mechanical seal	Lower:SiC-SiC Upper:Carbon-SiC(2.2kW) Lower:SiC-SiC Upper:SiC-SiC(3.7kW)	14	Impeller	High chrome alloy
7	Strainer	Steel	15	Pump body	Cast iron
8	Manilla	Steel	16	Inlet plate	Ductile iron



Package Information

Model	NLW (kg)	GW (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20 TEU)
KBZ47.5	105	114	805	365	390	215
KBZ411	130	140	895	415	440	160
KBZ415	142	153	895	415	440	160
KBZ67.5	106	114	835	365	390	205
KBZ611	133	143	855	415	440	160
KBZ615	145	156	895	415	440	160

