KBZ

Submersible Dewatering Pump





1.5~2.2kw



3.7KW



5.5KW

Application

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

Pump

- Max. liquid temperature: +40℃
- Flow: up to 156 m^3/h
- Head: up to 57 m
- Power: 1.5 kW (2 HP) to 15 kW (20 HP)
- Max. Immersion depth: 25 m
- Cable Length: 8 m

Motor

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

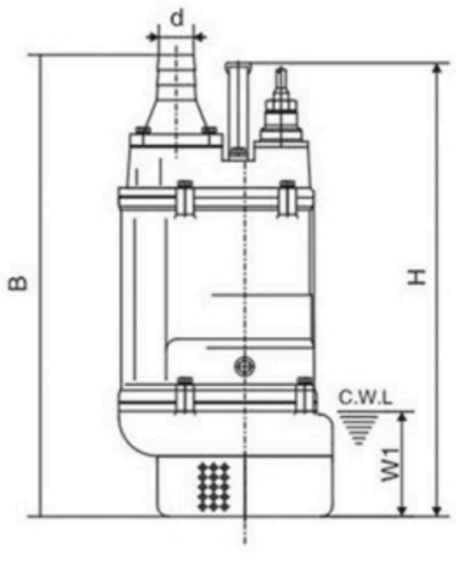
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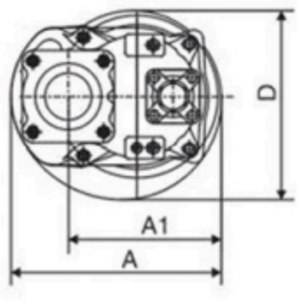
KBZ 2 1.5

- 1.5 — Power (kW)
- 2 — Outlet Diameter (")
- KBZ — Submersible Dewatering Pump

Technical Data

Model	Power		Diameter	Max. flow		Max. head	Max. Solid Dia
	kW	HP	mm	m^3/h	l/min	m	mm
KBZ21.5	1.5	2	50	27	450	22	8.5
KBZ22.2	2.2	3	50	33	550	26	8.5
KBZ23.7	3.7	5	50	33	550	34	8.5
KBZ31.5	1.5	2	80	40	670	14.5	8.5
KBZ32.2	2.2	3	80	55	920	19	8.5
KBZ33.7	3.7	5	80	55	920	29	8.5
KBZ35.5	5.5	7.5	80	75	1250	34	8.5
KBZ43.7	3.7	5	100	90	1500	18.5	8.5
KBZ45.5	5.5	7.5	100	105	1750	23	8.5

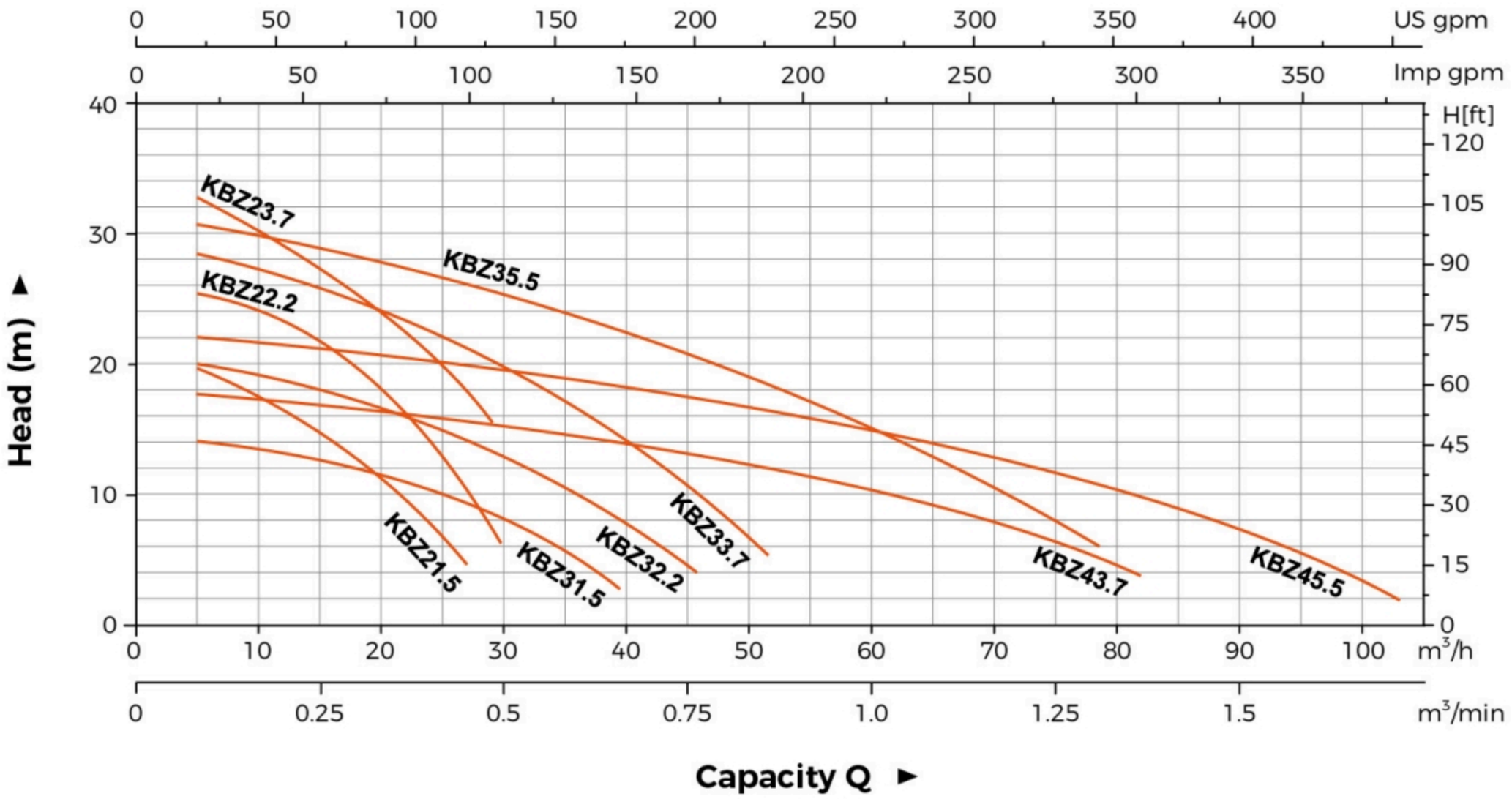




Dimension

Model	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)
KBZ21.5	50	235	173	543	216	503	120
KBZ22.2	50	235	173	543	216	503	120
KBZ23.7	50	293	216	628	252	629	150
KBZ31.5	80	235	173	543	216	503	120
KBZ32.2	80	235	173	543	216	503	120
KBZ33.7	80	293	216	628	252	629	150
KBZ35.5	80	329	240	671	300	590	150
KBZ43.7	100	293	216	628	252	629	150
KBZ45.5	100	329	240	671	300	590	150

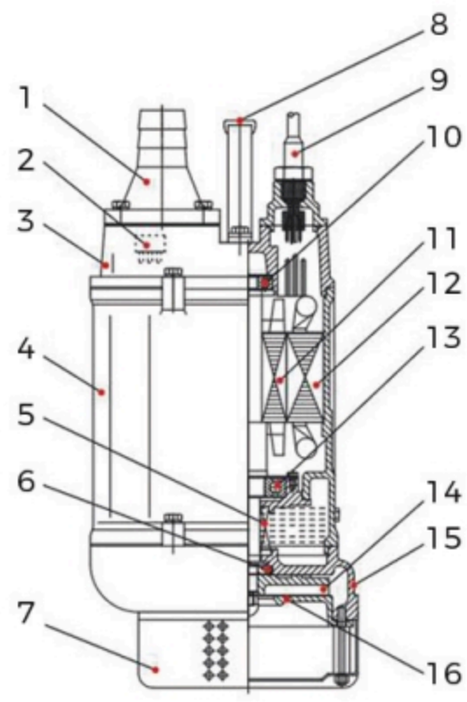
Hydraulic Performance Curves



Material Table

No.	Part	Material
1	Hose coupling	Cast iron
2	Thermal protector	
3	Upper cover	Cast iron
4	Motor cover	Cast iron
5	Oil seal	
6	Mechanical seal	Lower:Sic-Sic Upper:Carbon-Sic(≤2.2kW) Lower: Sic-Sic Upper:Sic-Sic(≥3.7kW)
7	Strainer	Steel
8	Handle	Steel

No.	Part	Material
9	Cable	
10	Bearing	
11	Rotor	
12	Stator	
13	Bearing	
14	Impeller	High chrome alloy
15	Pump body	Cast iron
16	Inlet plate	Ductile iron



Package Information

Model	N.W (kg)	GW (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
KBZ21.5	36	40	620	265	275	624
KBZ22.2	39	43	620	265	275	624
KBZ23.7	63	68	710	320	295	425
KBZ31.5	36	40	620	265	275	624
KBZ32.2	39	43	620	265	275	624
KBZ33.7	63	68	710	320	295	425
KBZ35.5	77	84	750	350	335	306
KBZ43.7	63	68	710	320	295	425
KBZ45.5	77	84	750	350	335	306

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- Power: 1.5 kW (2 HP) to 15 kW (20 HP)
- Max. Immersion depth: 25 m
- Cable Length: 8 m

Motor

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

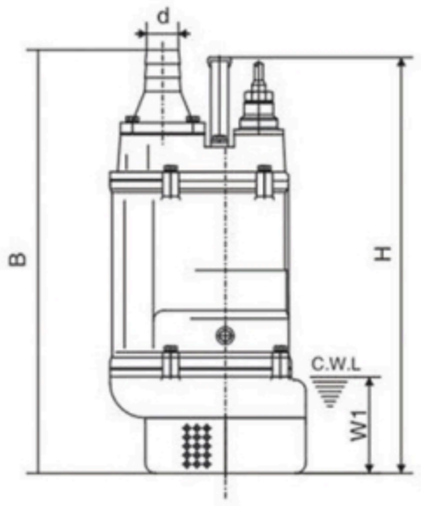
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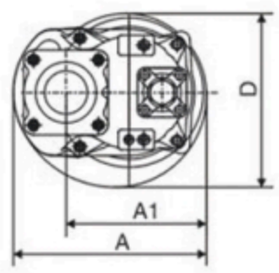
KBZ 4 7.5

- 7.5 — Power (kW)
- 4 — Outlet Diameter (")
- KBZ — Submersible Dewatering Pump

Technical Data

Model	Power		Diameter	Max. flow		Max. head	Max. Solid Dia
	kW	HP	mm	m^3/h	l/min	m	mm
KBZ47.5	7.5	10	100	84	1400	40	11.5
KBZ411	11	15	100	84	1400	48.5	11.5
KBZ415	15	20	100	84	1400	56	11.5
KBZ67.5	7.5	10	150	124.8	2080	31	19.5
KBZ611	11	15	150	147	2450	32	19.5
KBZ615	15	20	150	156	2600	40	19.5

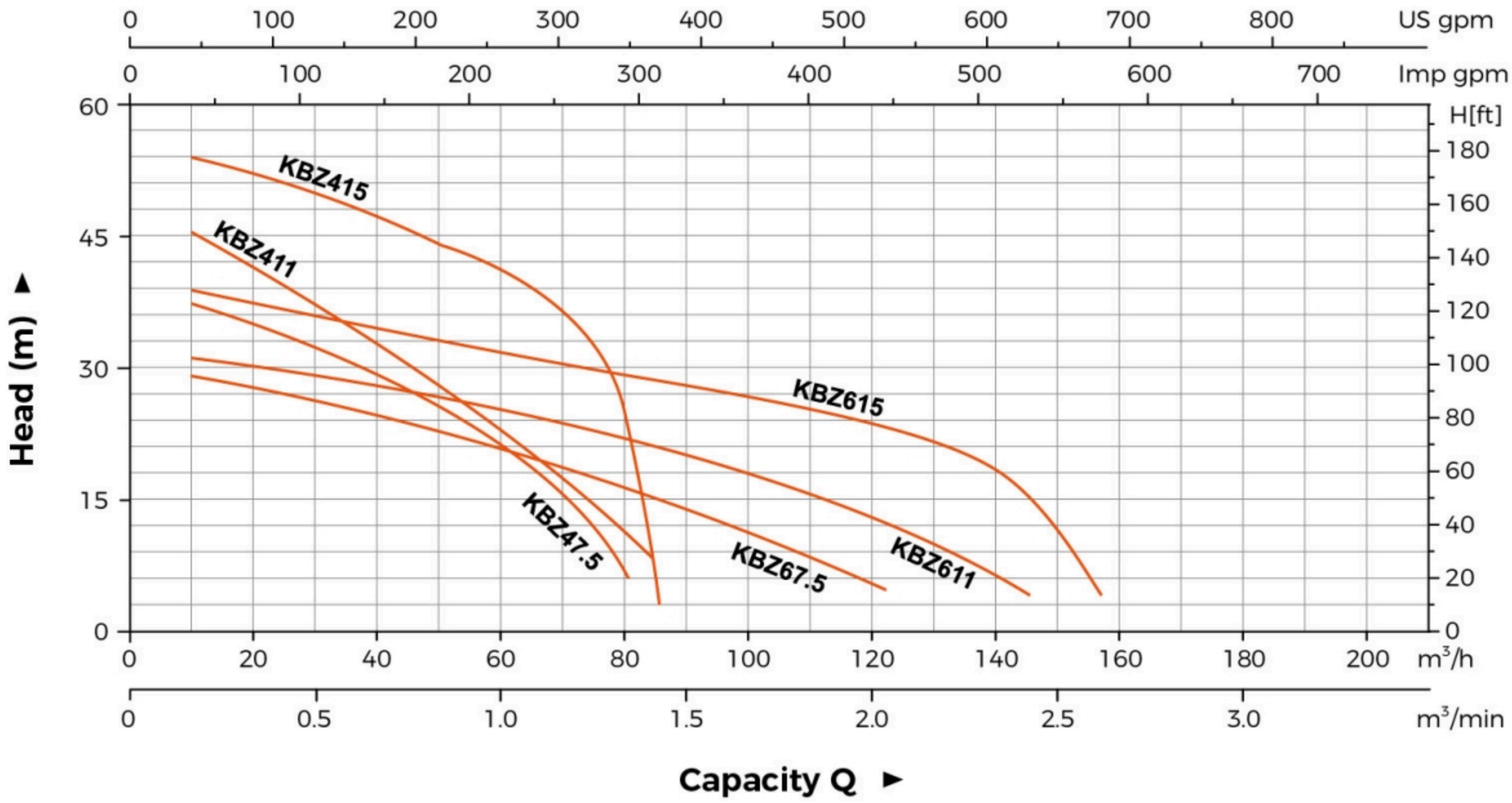




Dimension

Model	d (mm)	A (mm)	A1 (mm)	B (mm)	D (mm)	H (mm)	W1 (mm)
KBZ47.5	100	330	240	750	314	676	190
KBZ67.5	150	330	240	790	314	676	190
KBZ411	100	373	255	807	350	695	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

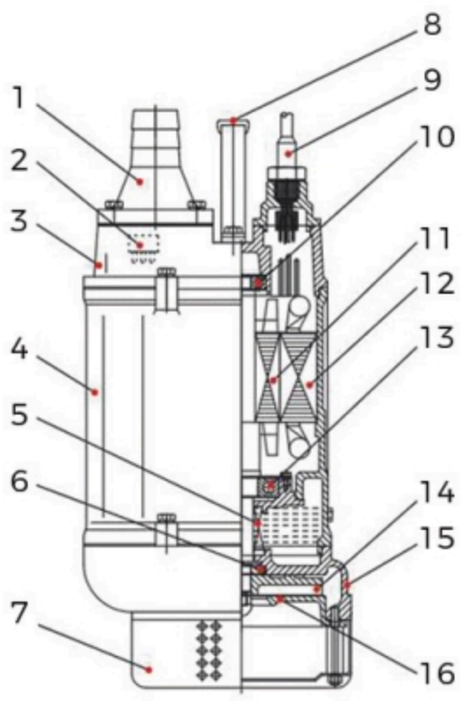
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No.	Part	Material
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10	Bearing	
11	Rotor	
12	Stator	
13	Bearing	
14	Impeller	High chrome alloy
15	Pump body	Cast iron
16	Inlet plate	Ductile iron



Package Information

Model	N.W (kg)	GW (kg)	L (mm)	W (mm)	H (mm)	Quantity (PCS/20'TEU)
KBZ47.5	106	116	835	365	385	246
KBZ411	136	148	855	415	435	162
KBZ415	144	158	905	415	435	162
KBZ67.5	108	119	865	365	385	234
KBZ611	139	150	855	415	435	162
KBZ615	146	160	905	415	435	162