

## **KBZ** SUBMERSIBLE DEWATERING PUMP

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The body of motor and pump is made of rigid cast iron for long-lasting durability.  
Greatly increased maximum submersion depth due to mechanical seal resistant to high pressure (0.5Mpa) .  
Semi-open impeller made of high chrome alloy match with wear plate (ductile iron) achieves superior durability.  
Effective motor cooling due to discharge channel cast as part of the motor housing. Space economy by a top outlet.  
Discharge 50mm (2") to 150mm (6"), motor 1.5Kw (2HP) to 11Kw(15HP).  
Hermetically sealed motor equipped build-in thermal protection.



### Specification

Capacity: up to 147 m<sup>3</sup>/h  
Head: up to 51 meters  
Power: 1.5Kw(2HP) to 11 Kw (15HP)  
Power supply: three phase 380 V±10%, 50Hz  
Insulation class: F  
Protection class: Ip68  
Cable: Length 8m  
Water temperature: up to 40°C  
Max.water depth: 50m

### Application

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

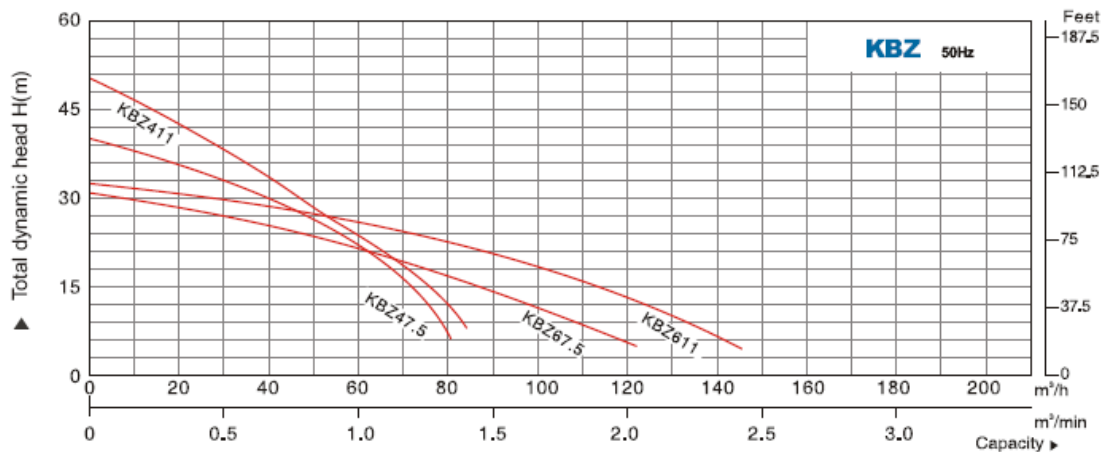
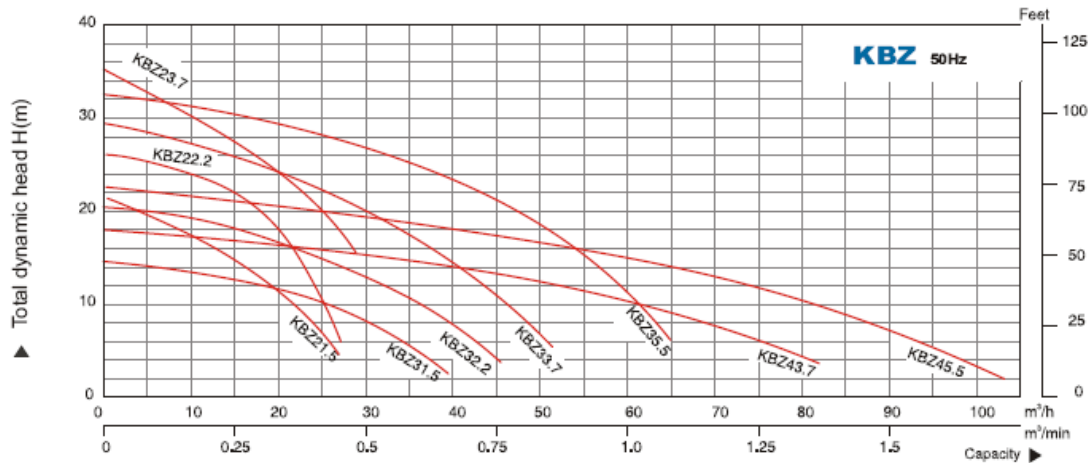
### Special features on request

Other voltages

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### Performance curves



Model(50Hz)	Outlet	Motor power		Max head	Max capacity		Impller passage	N.W	G.W	Packing dimension
	mm	Kw	HP	m	m³/h	m³/min	mm	Kg	Kg	mm
KBZ21.5	50	1.5	2	22	27.0	0.45	8.5	34.5	37.5	590X290X250
KBZ22.2	50	2.2	3	26.0	27.0	0.45	8.5	36	39	590 X 290 X 250
KBZ23.7	50	3.7	5	34.0	29.0	0.48	8.5	60	65	684 X 334 X 397
KBZ31.5	80	1.5	2	14.5	40.0	0.67	8.5	34.5	37	590 X 290X250
KBZ32.2	80	2.2	3	21.0	50.0	0.83	8.5	36	39	590X290X250
KBZ33.7	80	3.7	5	29.0	55.0	0.92	8.5	60	65	684X344X397
KBZ35.5	80	5.5	7.5	32.0	70.0	1.17	8.5	77	84	731X366X405
KBZ43.7	100	3.7	5	18.0	90.0	1.50	8.5	61	66	702X344X397
KBZ45.5	100	5.5	7.5	23.0	105.0	1.75	8.5	78	85	746X366X405
KBZ47.5	100	7.5	10	40.0	84.0	1.40	11.5	105	114	824X390X459
KBZ411	100	11	15	48.5	86.4	1.44	11.5	130	140	867X430X495
KBZ67.5	150	7.5	10	31.0	124.8	2.08	19.5	106	114	850X390X459
KBZ611	150	11	15	32.0	147.0	2.45	19.5	133	143	867X430X495