



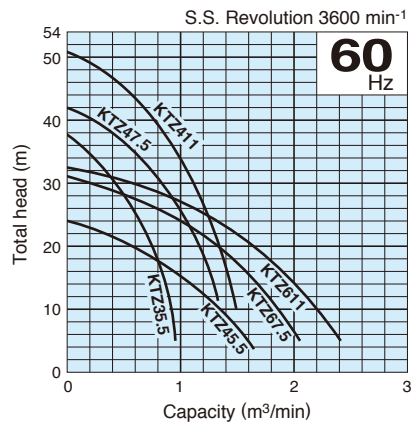
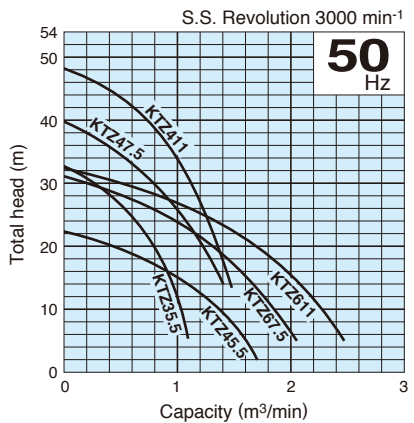
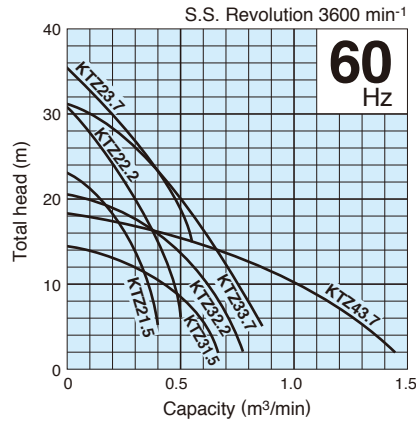
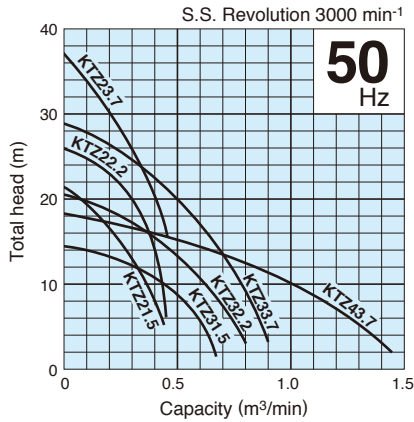
Submersible Drainage Pumps

KTV/KTVE KTZ/KRS



Efficient motor cooling by a side-flow channel ; Space economy by a top outlet.

Performance Curves



Specifications 50/60Hz

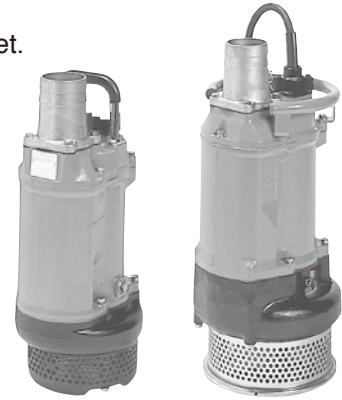
Discharge Bore mm	Model	Motor Output kW	Phase	Total Head m	Capacity m³/min	Starting Method	Dry Weight kgs	Length of Cabtyre Cable m
50	KTZ21.5	1.5	Three-phase	15.0/16.5	0.25	D.O.L.	30	8
50	KTZ22.2	2.2	Three-phase	20.0	0.30	D.O.L.	34	8
50	KTZ23.7	3.7	Three-phase	30.0	0.20	D.O.L.	62.5	8
80	KTZ31.5	1.5	Three-phase	8.0	0.50	D.O.L.	30	8
80	KTZ32.2	2.2	Three-phase	10.0	0.60	D.O.L.	34	8
80	KTZ33.7	3.7	Three-phase	20.0	0.50	D.O.L.	62.5	8
100	KTZ43.7	3.7	Three-phase	10.0	1.00	D.O.L.	62.5	8
80	KTZ35.5	5.5	Three-phase	25.0	0.60	D.O.L.	82	8
100	KTZ45.5	5.5	Three-phase	15.0	1.00	D.O.L.	82	8
100	KTZ47.5	7.5	Three-phase	30.0	0.80	D.O.L.	105	8
100	KTZ41.1	11	Three-phase	35.0	1.00	D.O.L.	133	8
150	KTZ67.5	7.5	Three-phase	15.0	1.60	D.O.L.	107	8
150	KTZ61.1	11	Three-phase	20.0	1.70	D.O.L.	136	8

• Dry weight of the pump excluding cable.

Dimensions Unit:mm

C.W.L.: Continuous Running Water Level

Model	d	A	A1	B	B1	D	H	W1
KTZ21.5	50	235	173	509	401	216	478	120
KTZ31.5	80	235	173	509	401	216	478	120
KTZ22.2	50	235	173	529	421	216	498	120
KTZ32.2	80	235	173	529	421	216	498	120
KTZ23.7	50	283	208	627	504	252	637	150
KTZ33.7	80	283	208	627	504	252	637	150
KTZ43.7	100	283	208	642	504	252	637	150
KTZ35.5	80	306	218	671	548	259	688	150
KTZ45.5	100	306	218	686	548	259	688	150
KTZ47.5	100	330	240	764	626	314	687	190
KTZ67.5	150	330	240	799	626	314	687	190
KTZ41.1	100	373	260	806	645	350	740	190
KTZ61.1	150	373	260	826	645	350	740	190



Major Standard Specifications

Item		Discharge bore (mm)			
		50	80	100	150
Pumping fluid	Type of fluid	Spring water, Rain water, Ground water, Sand carrying water			
	Liquid temperature	0 ~ 40°C			
Pump	Components	Impeller	Semi-open type		
		Shaft seal	Double mechanical seal, Water pressure endurance		
	Bearing	Shielded ball bearing			
	Materials	Impeller	Chromium iron casting		
		Casing	Gray iron casting		
Suction cover		Ductile iron casting			
	Shaft seal (mechanical seal)	Silicon carbide			
Motor	Type, Poles	Dry-type submersible induction motor, 2 poles			
	Insulation	Class F			
	Phase / Voltage	Three-phase / 220V, 380V, 400V, 415V, 440V, 460V			
	Motor protector(Built-in)	Circle thermal protector			
	Lubricant	Turbine oil (ISO VG32)			
	Materials	Frame	Gray iron casting		
		Shaft	Stainless steel #420		
Cable		PVC Chloroprene rubber			
Discharge connection		Hose coupling			

Standard Accessories

- Cabtyre cable 1pc
- Hose coupling 1pc

Optional Specifications

- Extended cable
- Special paint

C.W.L.: Continuous Running Water Level

1.5kW ~ 5.5kW

7.5kW ~ 11kW

