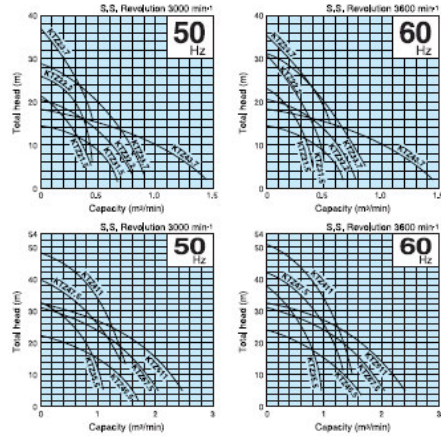


# KTZ

Remarkably increased maximum submersible depth by a high pressure-endurance mechanical seal.

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 Cable m
50	KT21,5	1,5	Three-phase	15,2/16,5	0,25	D.O.L.	30	8
50	KT22,2	2,2	Three-phase	20,0	0,30	D.O.L.	34	8
50	KT23,7	3,7	Three-phase	30,0	0,20	D.O.L.	65,5	8
80	KT31,5	1,5	Three-phase	8,0	0,50	D.O.L.	30	8
80	KT32,2	2,2	Three-phase	10,0	0,60	D.O.L.	34	8
80	KT33,7	3,7	Three-phase	20,0	0,60	D.O.L.	65,5	8
100	KT43,7	3,7	Three-phase	10,0	1,00	D.O.L.	65,5	8
80	KT35,5	5,5	Three-phase	25,0	0,60	D.O.L.	82	8
100	KT45,5	5,5	Three-phase	15,0	1,00	D.O.L.	82	8
100	KT47,5	7,5	Three-phase	30,0	0,60	D.O.L.	105	8
100	KT411	11	Three-phase	35,0	1,00	D.O.L.	133	8
150	KT67,5	7,5	Three-phase	15,0	1,80	D.O.L.	107	8
150	KT611	11	Three-phase	20,0	1,70	D.O.L.	136	8

\* Dry weight of the pump excluding cable.

### Dimensions Unit:mm

Model	φ	A	A1	B	B1	D	H	W1
KT21,5	50	235	173	309	401	216	478	150
KT23,7	80	235	173	309	401	216	478	150
KT22,2	50	235	173	329	421	216	498	150
KT32,2	80	235	173	329	421	216	498	150
KT23,7	80	283	208	627	504	232	637	150
KT33,7	80	283	208	627	504	232	637	150
KT43,7	100	283	208	642	504	232	637	150
KT23,5	80	306	218	671	548	239	688	150
KT45,5	100	306	218	686	548	239	688	150
KT47,5	100	330	240	764	625	314	687	190
KT67,5	150	330	240	739	625	314	687	190
KT411	100	373	260	808	645	330	740	190
KT611	150	373	260	826	645	330	740	190



### Major Standard Specifications

Item	Discharge bore (mm)	50	80	100	150
Pumping Unit	Type of fluid	Dirty water, Non water, Ground water, Sand carrying water			
	Liquid temperature	0 - 40°C			
	Impeller	Semisopen type			
	Compos. parts	Shaft seal	Double mechanical seal		
	Bearing	Shaded ball bearing			
Pump	Impeller	Chromium iron casting			
	Casing	Gray iron casting			
	Material	Ductile iron casting			
	Shaft seal (mechanical seal)	Silicon carbide			
	Motor	Type, Pole	Dry-type submersible induction motor, 2 poles		
Insulation	Class F				
Phase / Voltage	Three-phase / 220V, 380V, 400V, 415V, 480V, 480V				
Motor protection (Relay)	Over thermal protector				
Lubricant	Turbine oil (ISO VG32)				
Material	Frame	Gray iron casting			
Shaft	Stainless steel #420				
Cable	Chloroprene rubber				
Discharge connection	Hose coupling				

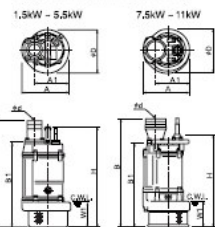
### Standard Accessories

- Cabletye cable ..... 1 pc
- Hose coupling ..... 1 pc

### Optional Specifications

- Extended cable
- Special paint

C.W.L. - Continuous Running Water Level



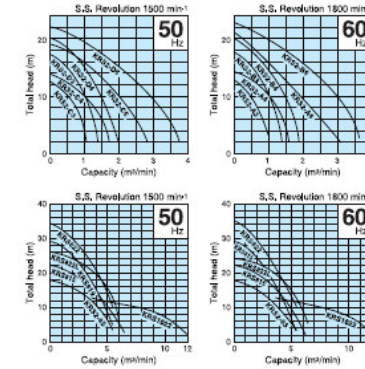
Representative multipurpose pumps equipped with a 4-pole motor.

# KRS



A wide variety of models offer the perfect freedom of choosing the most suitable one.

### Performance Curves



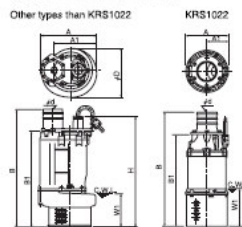
### Specifications 50/60Hz

Discharge Bore mm	Model	Motor Output kW	Phase	Total Head m	Capacity m³/min	Starting Method	Dry Weight kgs	Length of Cable m
80	KRS2-C3/A3	2,2	Three-phase	10	0,5	D.O.L.	72	8
80	KRS2-C3/B3	3,7	Three-phase	15	0,5	D.O.L.	91/89	8
100	KRS2-C4/A4	3,7	Three-phase	10	1,0	D.O.L.	88	8
100	KRS2-C4/B4	5,5	Three-phase	15	1,0	D.O.L.	98/96	8
150	KRS2-C6/A6	7,5	Three-phase	10	2,0	D.O.L.	130	8
150	KRS2-C6/B6	11	Three-phase	15	2,0	D.O.L.	158/150	8
200	KRS2-8S	11	Three-phase	10	4,0	D.O.L.	174	8
200	KRS815	15	Three-phase	15	4,0	D.O.L.	235	8
200	KRS819	18,5	Three-phase	20/15	3,0/4,0	D.O.L.	385	10
200	KRS822	22	Three-phase	30/20	2,0/4,0	D.O.L.	390	10
200	KRS821L	22	Three-phase	15	5,0	D.O.L.	390	10
250	KRS1022	22	Three-phase	10	8,0	D.O.L.	450	10

\* Dry weight of the pump excluding cable.

### Dimensions Unit:mm

C.W.L. - Continuous Running Water Level



Model	φ	A	A1	B	B1	D	H	W1
KRS2-C3/A3	80	340	255	620	499	315	600	145
KRS2-C3	80	365	275	705	584	350	685	155
KRS2-8S	80	350	280	705	584	320	685	155
KRS2-C4/A4	100	350	280	720	584	320	685	155
KRS2-C4	100	365	275	710	574	350	675	155
KRS2-B4	100	350	280	710	574	320	675	155
KRS2-C6	150	415	305	767	585	375	685	175
KRS2-A6	150	415	305	767	585	375	685	175
KRS2-C6	150	434	324	813	632	407	744	180
KRS2-B6	150	415	305	812	630	375	742	175
KRS2-8S	200	472	336	833	701	405	814	300
KRS815	200	481	347	1063	837	450	949	275
KRS819	200	572	445	1238	1036	530	1156	345
KRS822	200	572	445	1238	1036	530	1156	345
KRS821L	200	572	445	1238	1036	530	1156	345
KRS1022	250	520	250	1439	1156	—	—	450