

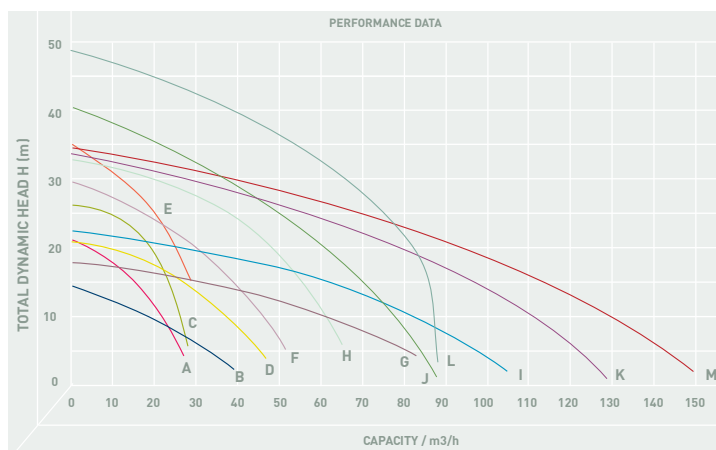
KTS RANGE

SUBMERSIBLE DRAINAGE PUMP

Compact design, high performance and exceptional durability for handling abrasive liquid, widely used in general construction and civil engineering.

FEATURES

- Capacity: up to 150 m³/h
- Head: up to 48m
- Power: 1.5kW to 11kW
- Power supply: Three phase 400V-50Hz
Single phase 230V-50Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 15m
- Motor temperature: 40°C
- Max. water depth: 25m
- Probe (E) or Float Switch (F) option available on request.



TECHNICAL SPECIFICATION

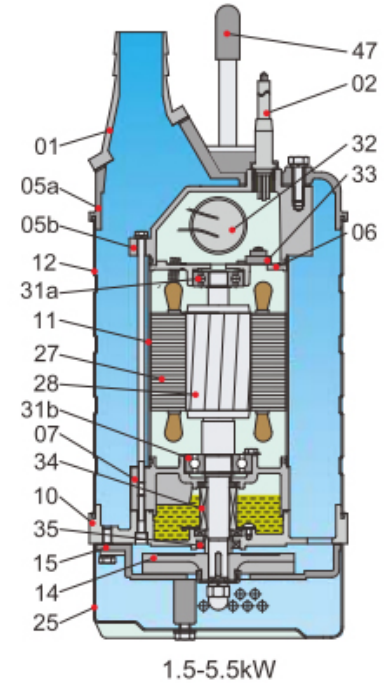
TYPE	CURVE	MOTOR POWER		RATED CURRENT A	MAX HEAD m	MAX CAPACITY m ³ /h	FREE PASSAGE mm	WEIGHT kg
		kW	HP					
KTSM 50 1.5	/A	1.5	2	10	22	27	8.5	37
KTSM 80 1.5	/B	1.5	2	10	14.5	40	8.5	37
KTS 50 1.5	/A	1.5	2	3.5	22	27	8.5	39
KTS 80 1.5	/B	1.5	2	3.5	14.5	40	8.5	39
KTS 50 2.2	/C	2.2	3	5.0	26	27	8.5	42
KTS 80 2.2	/D	2.2	3	5.0	21	50	8.5	42
KTS 50 3.7	/E	3.7	5	7.7	34	29	8.5	60
KTS 80 3.7	/F	3.7	5	7.7	29	55	8.5	60
KTS 100 3.7	/G	3.7	5	7.7	18	90	8.5	61
KTS 80 5.5	/H	5.5	7.5	11.4	32	70	8.5	68
KTS 100 5.5	/I	5.5	7.5	11.4	23	105	8.5	69
KTS 100 7.5	/J	7.5	10	15	42	88	11.5	108
KTS 150 7.5	/K	7.5	10	15	33	130	19.5	110
KTS 100 11	/L	11	15	22	48	86.4	11.5	123
KTS 150 11	/M	11	15	22	34	150	19.5	125

KTSM - Single Phase

KTS - Three Phase

MATERIAL LIST

PART No.	PART	MATERIAL
01*	Hose coupling	Cast iron
02*	Handle	Rubber + steel
05a*	Upper cover	Cast iron
05b*	Upper cover	Cast iron
06	Up-bearing house	Cast iron
07*	Bearing house	Cast iron
10*	Seal bracket	Cast iron
11	Motor casing	Stainless steel
12	Outer casing	AISI304SS
14*	Impeller	High chrome alloy
15*	Diffuser	Ductile iron
25*	Strainer	Steel
27	Stator	
28	Rotor	Shaft AISI420SS
31a	Bearing	Ball bearing
31b	Bearing	Ball bearing
32	Capacitor	(single phase only)
33	Motor protector	
34	Mechanical Seal	SiC-SiC/Carbon-SiC (<2.2kW) SiC-SiC/SiC-SiC (3.7kW-5.5kW)
35	Oil Seal	
47	Cable	Length 15m H07RN-F



*Optional: AISI304SS

DIMENSIONS

TYPE	H	B	Ømax	W1	Ød (inch/mm)
KTSM 50 1.5	582	560	240	87	2"/50mm
KTSM 80 1.5	582	567	240	87	3"/80mm
KTS 50 1.5	613	590	240	87	2"/50mm
KTS 80 1.5	613	597	240	87	3"/80mm
KTS 50 2.2	613	590	240	87	2"/50mm
KTS 80 2.2	613	597	240	87	3"/80mm
KTS 50 3.7	565	641	300	76	2"/50mm
KTS 80 3.7	565	641	300	76	3"/80mm
KTS 100 3.7	565	666	300	76	4"/100mm
KTS 80 5.5	605	681	300	76	3"/80mm
KTS 100 5.5	605	706	300	76	4"/100mm
KTS 100 7.5	700	810	355	142	4"/100mm
KTS 150 7.5	700	810	355	142	6"/150mm
KTS 100 11	745	855	355	142	4"/100mm
KTS 150 11	745	855	355	142	6"/150mm

