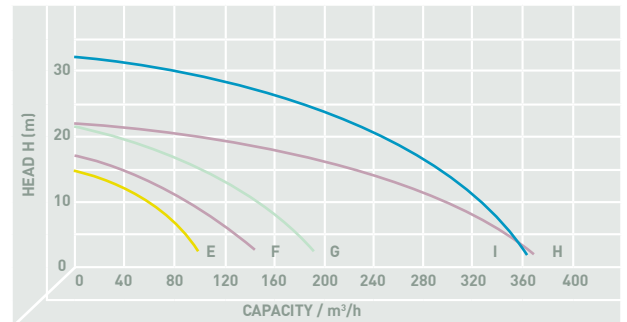
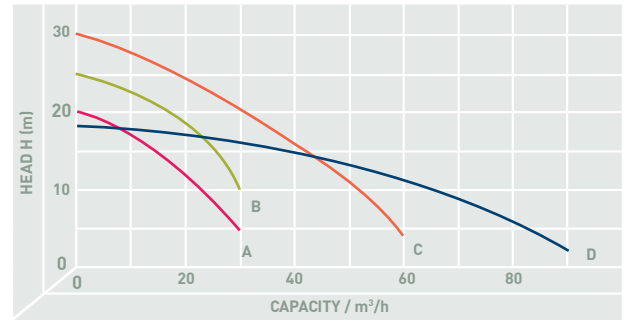


# KTA RANGE SUBMERSIBLE SLURRY PUMP

Submersible slurry pump with a 4-pole motor for an increased lifetime and easy maintenance. High chrome impeller combined with agitator for pumping heavy slurry, with its slim design and top discharge enabling installation in tight spaces, for example bentonite mixed water in foundation works or muddy/sandy water in civil engineering works.



## FEATURES

- Capacity: up to 372m³/h
- Head: up to 32m
- Discharge: 80mm (3") to 200mm (8")
- Power: 1.5kW (2HP) to 22kW (30HP)
- Power Supply: three phase 400V ±10%, 50Hz
- Insulation class: F
- Protection class: IP68
- Cable length: 15m
- Water temperature: up to 40°C
- Max. water depth: 15m

## TECHNICAL SPECIFICATION

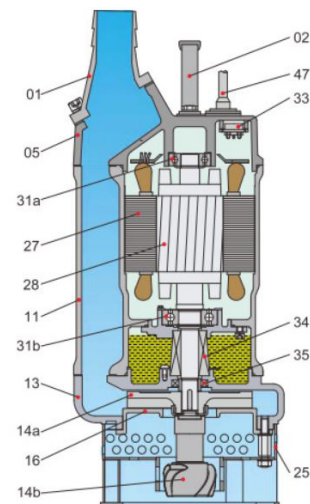
TYPE	CURVE	OUTLET mm	MOTOR POWER		RATED CURRENT A	MAX HEAD m	MAX CAPACITY m³/h	FREE PASSAGE mm	WEIGHT kg
			kW	HP					
KTA 50 1.5	/A	50	1.5	2	3.5	20	30	10	37
KTA 50 2.2	/B	50	2.2	3	5.0	25	30	10	40
KTA 80 3.7	/C	80	3.7	5	7.7	30	60	10	69
KTA 100 4.7	/D	100	4.7	5	7.7	18	90	10	70
KTA 80 4	/E	80	4	5.5	10.2	14.8	99	30	108.5
KTA 100 6	/F	100	6	8	13.8	16.9	144	30	141
KTA 150 9	G	150	9	12	19.5	21.5	192	30	171
KTA 200 15	/H	200	15	20	30.1	22	372	30	260
KTA 200 22	/I	200	22	30	42	32	360	30	408

## MATERIAL LIST

### KTA 50 1.5 - KTA 100 4.7

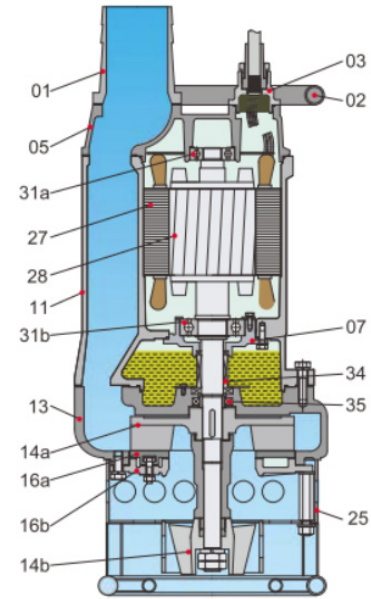
PART No.	PART	MATERIAL
01	Hose coupling	Cast iron
02	Handle	Rubber & steel
05	Upper cover	Cast iron
11	Motor body	Cast iron
13	Pump body	Cast iron
14a	Impeller	High chrome alloy
14b	Agitator	High chrome alloy
16	Inlet plate	Ductile iron
25	Strainer	Steel
27	Stator	

PART No.	PART	MATERIAL
28	Rotor	Shaft: AISI420SS
31a	Bearing	Ball bearing
31b	Bearing	Ball bearing
33	Motor protector	
34	Mechanical Seal	Sic-Sic/Carbon-Sic (≤ 2.2kW) Sic-Sic/Sic-Sic (3.7kW)
35	Oil seal	
47	Cable	



## KTA 80 4 - KTA 200 22

PART No.	PART	MATERIAL
01	Hose coupling	Cast Iron
02	Handle	Steel
05	Upper cover	Cast Iron
07	Bearing house	Cast Iron
11	Motor body	Cast Iron
13	Pump body	Cast Iron
14a	Impeller	High Chrome Alloy
14b	Agitator	High Chrome Alloy
16a	Inlet plate	High Chrome Alloy
16b	Inlet plate	Cast Iron
25	Strainer	Steel
27	Stator	
28	Rotor	Shaft: AISI420SS
31a	Bearing	Ball bearing
31b	Bearing	Ball bearing
34	Mechanical seal	Sic-Sic/Sic-Sic TC-Sic/Soc-Sic (>15kW)
35	Oil seal	
47	Cable	



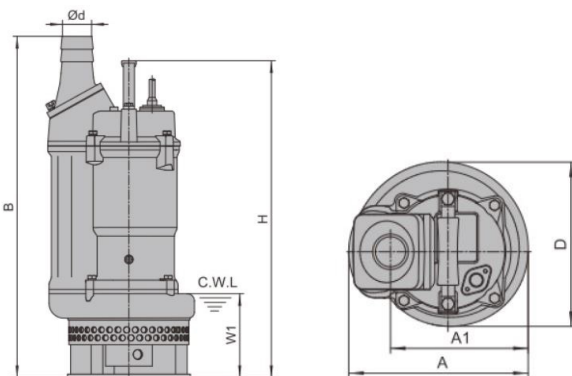
## DIMENSIONS

### KTA 50 1.5 - KTA 100 4.7

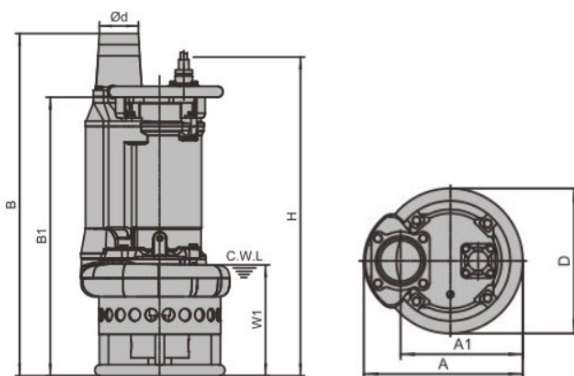
TYPE	D mm	A mm	A1 mm	B mm	D mm	H mm	W1 mm
KTA 50 1.5	50	235	173	557	216	522	135
KTA 50 22.2	50	235	173	557	216	522	135
KTA 80 33.7	80	283	208	636	252	642	165
KTA 100 4.7	100	283	208	661	252	642	165

### KTA 80 4 - KTA 200 22

TYPE	D mm	A mm	A1 mm	B mm	B1 mm	D mm	H mm	W1 mm
KTA 80 4	80	350	260	816	678	326	730	250
KTA 100 6	100	415	305	844	682	373	730	250
KTA 150 9	150	434	324	889	727	407	776	250
KTA 200 15	200	484	352	1121	889	457	980	295
KTA 200 22	200	578	442	1245	1015	528	1200	330



W1:Continuous running water level



W1:Continuous running water level