



Excellent durability secured by Tsurumi's long pump-making experience renders these pumps multipurpose ranging from construction work to installation in facilities.

Major Standard Specifications

Item	Discharge bore (mm)	
	50	80
Pumping fluid	Type of fluid	Rain water, Ground water, Sand carrying water
	Liquid temperature	0 ~ 40°C
	Impeller	Semi-vortex
	Shaft seal	Double mechanical seal
	Bearing	Shielded ball bearing
Pump	Impeller	Synthetic rubber(0.75kW) Ductile iron casting
	Casing	Synthetic rubber
	Shaft seal (mechanical seal)	Silicon carbide
	Materials	
Motor	Type, Poles	Dry-type submersible induction motor, 2 poles
	Insulation	Class E
	Phase / Voltage	Three-phase / 220V, 380V, 400V, 415V, 440V, 460V
	Motor protector(Built-in)	Ciracle thermal protector
	Lubricant	Turbine oil (ISO VG32)
	Materials	Frame Aluminum alloy casting Shaft Stainless steel #420 / #403 Cable PVC Chloroprene rubber
Discharge connection		Hose coupling

Standard Accessories

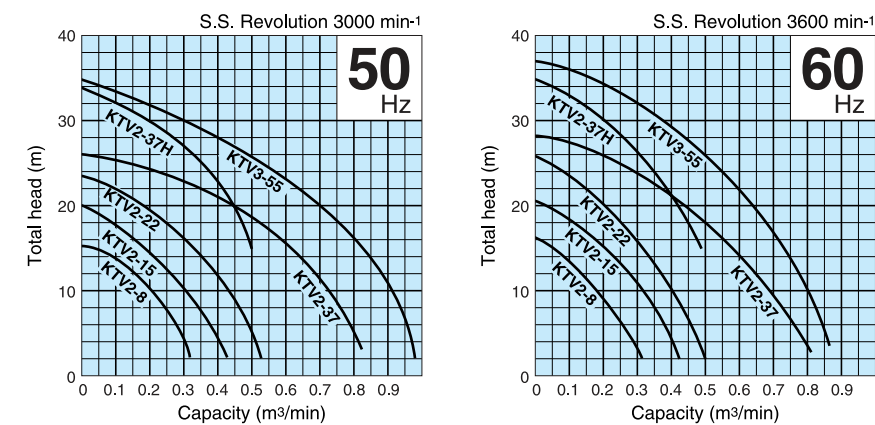
- Cabtyre cable 1 pc
- Hose coupling 1 pc
- Hose band (0.75kW only)..... 1 pc

Optional Specifications

- Extended cable
- Special paint



Performance Curves



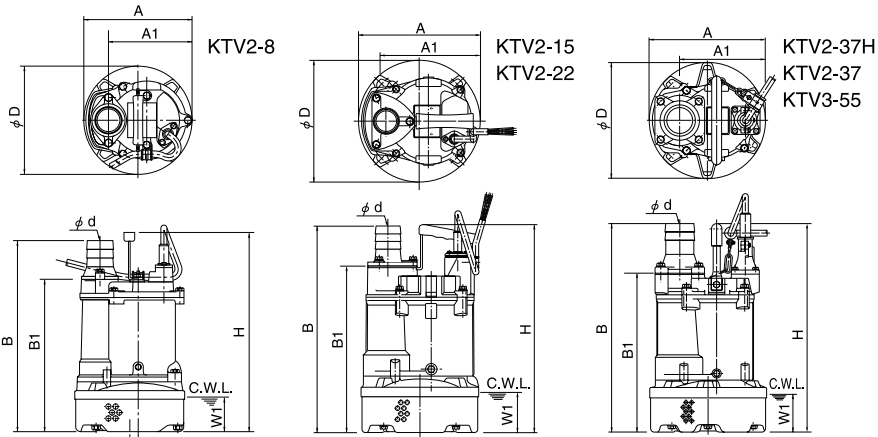
Specifications 50/60Hz

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	KTV2-8	0.75	Three-phase	10	0.18	D.O.L.	11.5	5
50	KTV2-15	1.5	Three-phase	15	0.20	D.O.L.	20.5	8
50	KTV2-22	2.2	Three-phase	20	0.20	D.O.L.	23.0	8
50	KTV2-37H	3.7	Three-phase	30	0.20	D.O.L.	35.0	8
80	KTV2-37	3.7	Three-phase	18	0.50	D.O.L.	36.0	8
80	KTV3-55	5.5	Three-phase	22	0.60	D.O.L.	46.5	8

• Dry weight of the pump excluding cable.

Dimensions Unit:mm

C.W.L.: Continuous Running Water Level



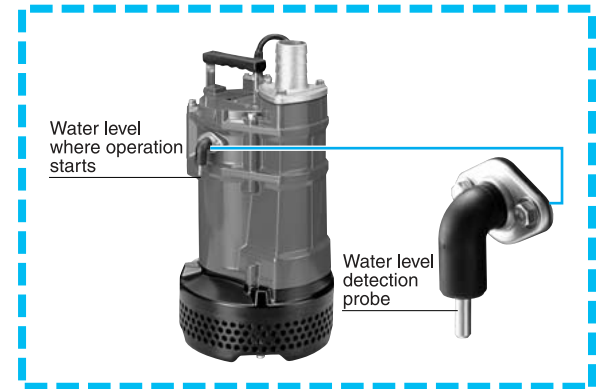
Model	d	A	A1	B	B1	D	H	W1
KTV2-8	50	200	155	353	281	200	369	65
KTV2-15	50	240	187	392	310	240	396	80
KTV2-22	50	240	187	412	330	240	416	80
KTV2-37H	50	285	211	510	387	285	510	90
KTV2-37	80	285	211	510	387	285	510	90
KTV3-55	80	300	229	545	422	300	545	90



Probe type automatic pump (KTVE model)

Unit is turned on/off by probe-type water level sensor to prevent draught water flow when the water level drops.

Enhances durability of the pump itself by reducing radical part wear while saving energy.



Major Standard Specifications

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	50	80
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	Liquid temperature	0 ~ 40°C
	Impeller	Semi-vortex
	Shaft seal	Double mechanical seal
	Bearing	Shielded ball bearing
Pump	Impeller	Synthetic rubber(0.75kW) Ductile iron casting
	Casing	Synthetic rubber
	Shaft seal (mechanical seal)	Silicon carbide
	Materials	
Motor	Type, Poles	Dry-type submersible induction motor, 2 poles
	Insulation	Class E
	Phase / Voltage	Three-phase / 220V, 380V, 400V, 415V, 440V, 460V
	Motor protector(Built-in)	Ciracle thermal protector
	Lubricant	Turbine oil (ISO VG32)
	Materials	Frame Aluminum alloy casting Shaft Stainless steel #420 / #403 Cable PVC Chloroprene rubber
Discharge connection		Hose coupling

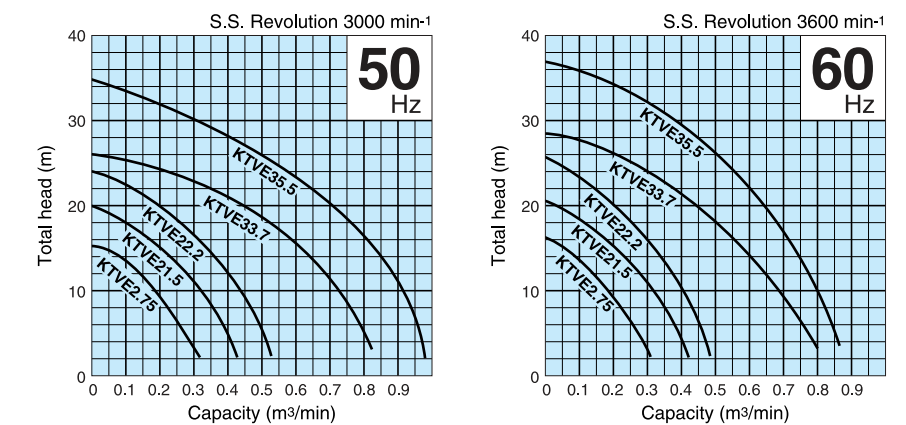
Standard Accessories

- Cabtyre cable 1 pc
- Hose coupling 1 pc
- Hose band (0.75kW only)..... 1 pc

Optional Specifications

- Extended cable
- Special paint

Performance Curves

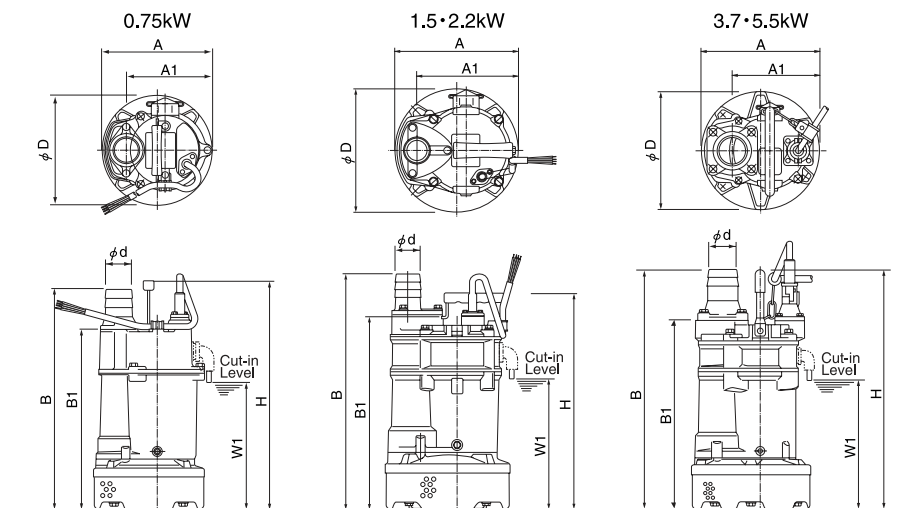


Specifications 50/60Hz

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	KTVE2.75	0.75	Three-phase	10	0.18	D.O.L.	12.7	5
50	KTVE21.5	1.5	Three-phase	15	0.20	D.O.L.	21.5	8
50	KTVE22.2	2.2	Three-phase	20	0.20	D.O.L.	24.5	8
80	KTVE33.7	3.7	Three-phase	18	0.50	D.O.L.	39.5	8
80	KTVE35.5	5.5	Three-phase	22	0.60	D.O.L.	52.0	8

• Dry weight of the pump excluding cable.

Dimensions Unit:mm



Model	d	A	A1	B	B1	D	H	W1
KTVE2.75	50	200	155	401	329	200	417	234
KTVE21.5	50	240	187	462	380	240	426	266
KTVE22.2	50	240	187	462	380	240	426	266
KTVE33.7	80	285	210	585	462	285	585	327
KTVE35.5	80	300	229	620	497	300	620	357

