



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		
Pump	Components	Liquid temperature	0 ~ 40°C		
		Impeller	Semi-vortex		
		Shaft seal	Double mechanical seal		
	Materials	Bearing	Shielded ball bearing		
		Impeller	Synthetic rubber(0.75kW) Ductile iron casting		
		Casing	Synthetic rubber		
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)	Circle 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

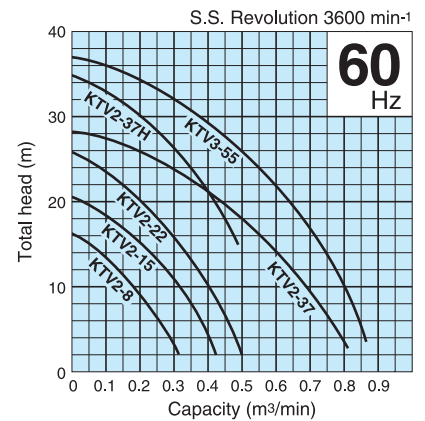
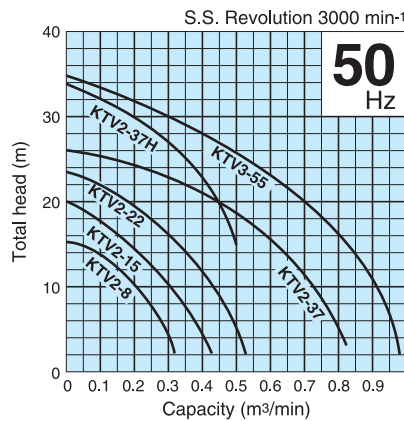
- Cabtyre cable ..... 1 pc
- Hose coupling ..... 1 pc
- Hose band (0.75kW only)..... 1 pc

### Optional Specifications

- Extended cable
- Special paint



### Performance Curves



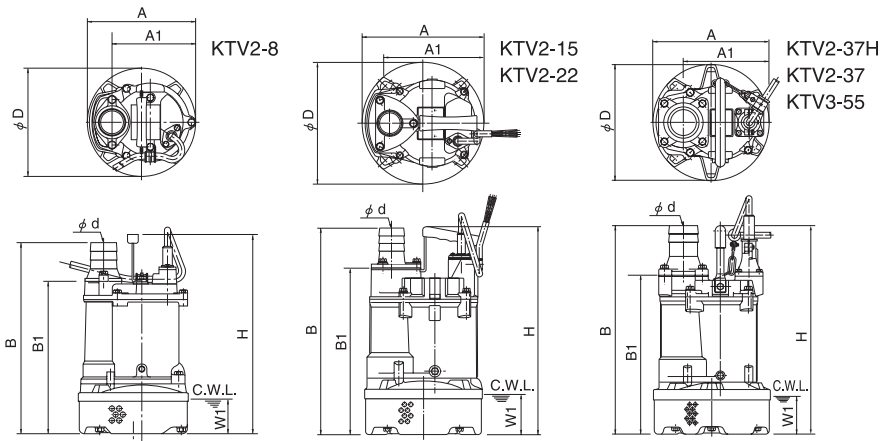
### Specifications 50/60Hz

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