

# UT

The 50UT2.4S is an economic model of 50U2.4S vortex pump. The pump has a large diameter passage that makes it ideal for liquid containing various foreign matters.

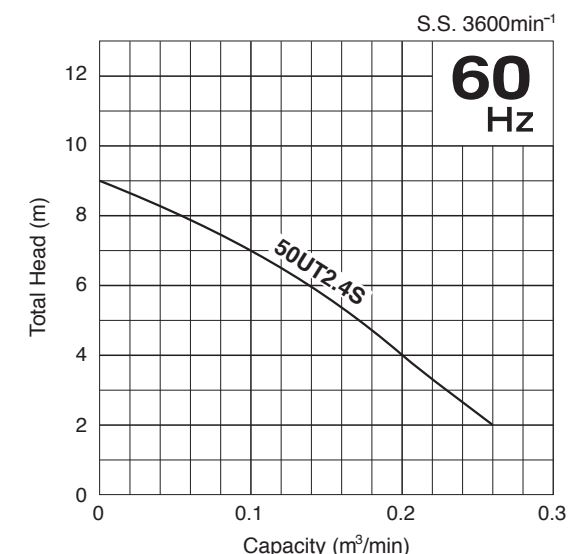
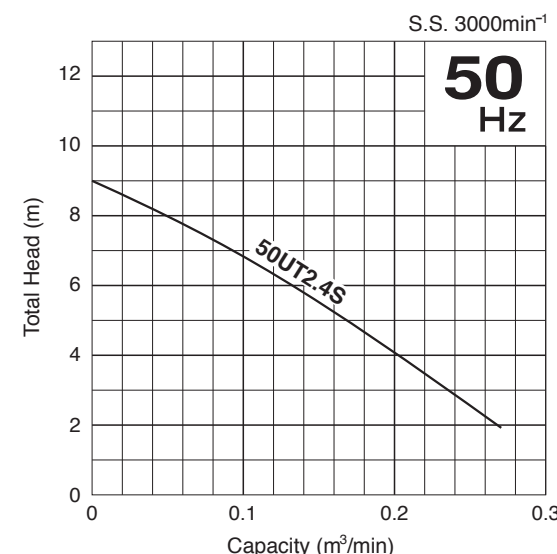


Free Standing

### Applications

- Transferring wastewater between the tanks at small-scale treatment facility
- Draining sewage from factory, residence, hotel, restaurant, etc
- Pumping rainwater and springwater at a place where foreign objects are likely to run into the water

### Performance Curves



### Major Standard Specifications

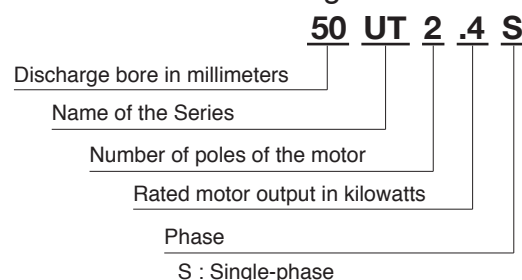
Discharge Bore		mm	50	
Pumping Fluid	Type of Fluid	Wastewater, and Liquid carrying Waste and Solid Matters		
	Fluid Temperature	0 to 40°C		
Pump	Structure	Impeller	Vortex Impeller	
		Shaft Seal	Double Mechanical Seal with Oil Lifter	
		Bearing	Double-shielded Ball Bearing	
	Materials	Impeller	Fiber-reinforced Plastic	
		Casing	Gray Iron Casting	
Shaft Seal	SiC			
Motor	Type, Pole	Dry Type Submersible Induction Motor 2-pole		
	Class of Insulation	Class E		
	Phase	Single-phase		
	Starting Method	Capacitor Run		
	Protection Device (built-in)	Miniature Thermal Protector		
	Lubricant	Turbine Oil (ISO VG32)		
	Materials	Frame	Gray Iron Casting	
		Shaft	403 Stainless Steel	
Cable		PVC		
Discharge Connection		Screwed Flange		

### Standard Specifications

Discharge Bore mm	Model		Motor Output kW	Starting Method	Speed (S.S.) 50Hz/60Hz min <sup>-1</sup>	Impeller Passage 50Hz/60Hz mm	Dry Weight * kgs	Cabtyre Cable						
	Free Standing	Guide Rail Fitting						No. of Cables	200 ~ 240 V		380 ~ 575 V		Length m	Material
50	50UT2.4S	(TOK)	0.4	Capacitor Run	3000/3600	35	14		1	Cores × mm <sup>2</sup>	Outer Dia. mm	Cores × mm <sup>2</sup>		

\* Weights excluding cable

### Model Number Designation



### Standard Accessories

- Free Standing**
- Screwed Flange

### Guide Rail Fitting - TOK

- Lifting Chain 4m, (with Shackles)
- Guide Support (with Bolts & Nuts)
- Guide Hook
- Duckfoot Bend