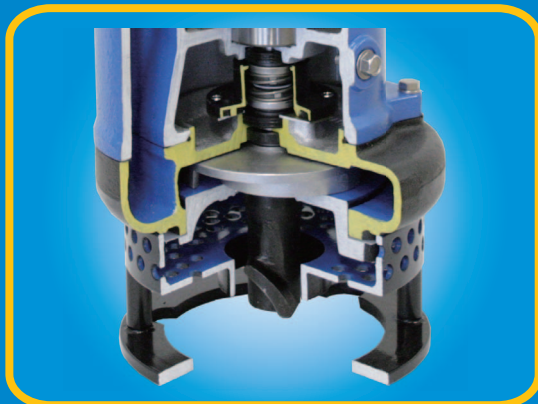




TSURUMI AGITATOR PUMP

KTD



The KTD-series is a **cast iron made, heavy-duty** slurry pump employing the **KTZ-series as the base**. An **agitator** is provided to assist **smooth suction** of the pumping fluid. The **side-flow, top-discharge design** keeps the **motor cooling** even if the pump is operated continuously with its motor exposed in air, and it makes the pump easier to **place in a confined space**. This pump is suitable for transferring or draining **bentonite slurry** used for slurry drilling, draining **slurry mixed water** in civil engineering works or foundation works.

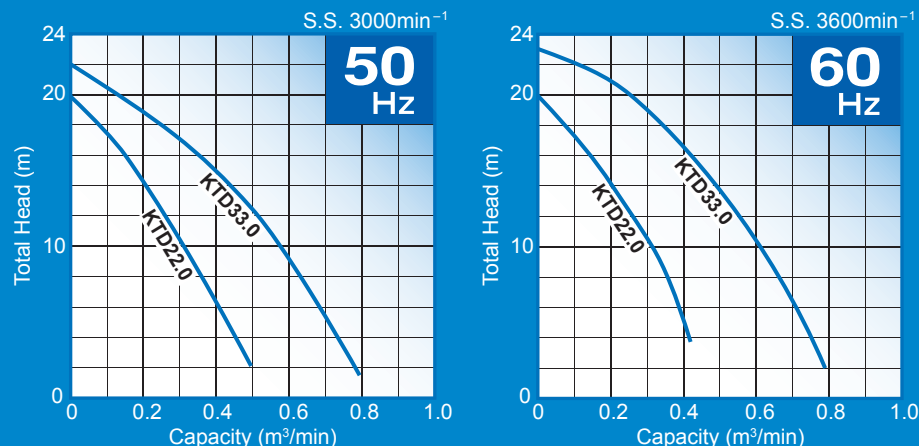


KTD22.0-51/61

Major Components & Specifications

Discharge Bore		mm	50	80
Pumping Fluid	Type of Fluid		Sludge, Slurry, Fluid containing Mud	
	Fluid Temperature		0 to 40°C	
Pump	Structure	Impeller	Semi-open	
		Shaft Seal	Double Mechanical Seal (with Oil Lifter)	
		Bearing	Double-shielded Ball Bearing	
	Materials	Impeller	High-chromium Cast Iron	
		Shaft Seal	Silicon Carbide	
		Casing	Gray Cast Iron	
		Agitator	Ductile Cast Iron	
Motor	Type, Pole		Dry Type Submersible Induction Motor, 2-pole	
	Insulation		Class F	
	Phase		Three-phase	
	Starting Method		Direct on Line	
	Protection Device (Built-in)		Circle Thermal Protector	
	Lubricant		Turbine Oil (ISO VG32)	
	Materials	Frame	Gray Cast Iron	
		Shaft	420 Stainless Steel	
		Cable	PVC (KTD22.0) Chloroprene Rubber (KTD33.0)	
Discharge Connection			Hose Coupling	

Performance Curves



Model Selection

Discharge Bore mm	Model	Motor Output kW	Phase	Starting Method	Solids Passage mm	Dry Weight kg	Cable Length m	Dimensions mm		C.W.L. mm
								Width	Height	
50	KTD22.0	2	Three	D.O.L.	10	38	8	235	550	140
80	KTD33.0	3	Three	D.O.L.	10	65	8	297	644	160

* We reserve the right to change the specifications and designs for improvement without prior notice.

● Weights excluding cable
● C.W.L.: Continuous Running Water Level