

AGITATOR PUMP

KTD

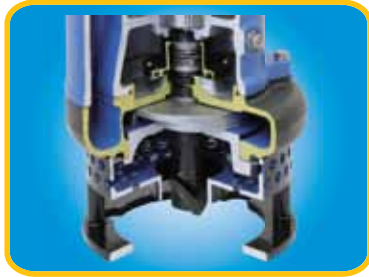
The quality is in the blue...

TSURUMI BLUE



AGITATOR PUMP

KTD CAST IRON SLURRY PUMP



TSURUMI Agitator Pump **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 top-discharge design keeps the motor cool, 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.

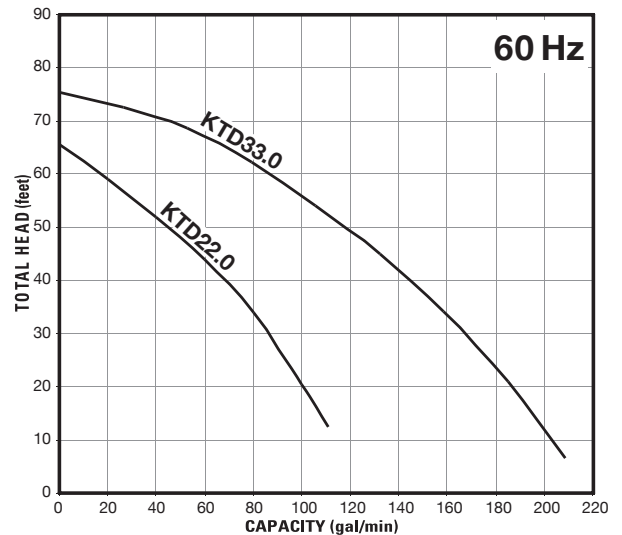
KTD Series is suitable for transferring or draining bentonite slurry used for slurry drilling, draining slurry mixed water in civil engineering works or foundation works.

Major Components & Specifications

Discharge Bore		inches	2	3
Pumping Fluid	Type of Fluid	Sludge, Slurry, Fluid containing Mud		
	Fluid Temperature	32 ~ 104°F		
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		NPT Coupling		

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

Performance Curves



Standard Specifications

MODEL	MOTOR SPECIFICATIONS					PUMP SPECIFICATIONS			DIMENSIONS				
	Motor Output (HP)	Rated Current (A)				RPM	Discharge Size (in.)	Maximum Capacity (GPM)	Maximum Head (ft.)	Dimension (in.)		Continuous Running Water Level (in.)	Pump Weight (lbs.)
		208V	230V	460V	575V					Diameter	Height		
KTD22.0	3	8.7*	8.2	4.1	3.3	3410	2	111	66	9 1/4	23 3/16	5 1/2	86
KTD33.0	5	12.0*	11.4	5.9	4.5	3410	3	209	75	11 11/16	25 3/4	6 1/4	145

* : 208 & 230V same motor