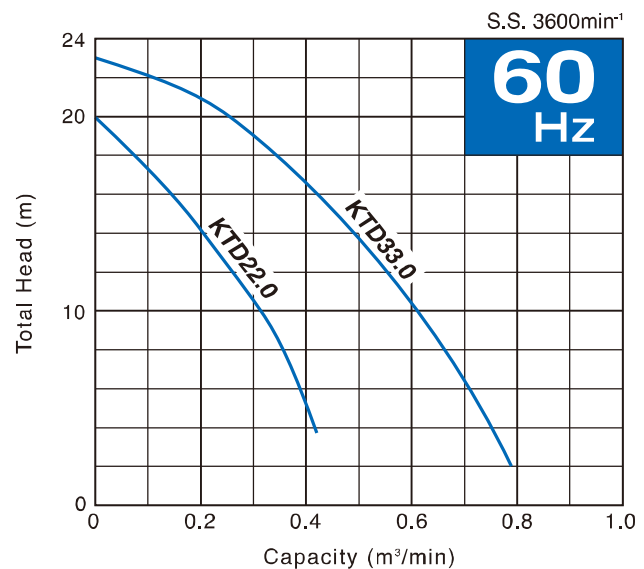
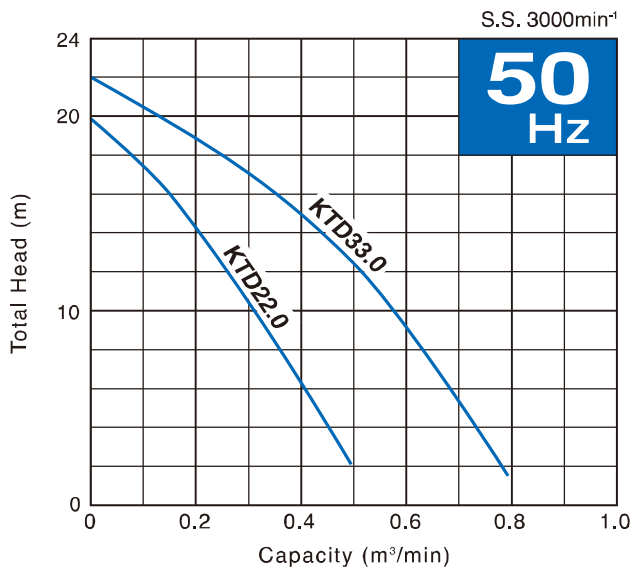


KTD –Slurry Pumps with Agitator–

The KTD-series is a submersible three-phase cast iron heavy-duty slurry pump. It is equipped with an agitator that assists smooth suction of the settled matters. The pump parts such as the impeller and the suction cover are made of wear-resistant materials. The top discharge, side flow design assures efficient motor cooling even when it operates with its motor exposed to air. The slim design allows the pump to be placed in a confined space.



Performance Curves

KTD22.0
KTD33.0


Discharge Bore mm	Model	Motor Output kW	Phase	Starting Method	Solids Passage mm	Dimensions L x H mm	Dry Weight* ² kg	Cable Length m
50	KTD22.0	2	Three	D.O.L.	10	550 x 221	38	8
80	KTD33.0	3		D.O.L.	10	654 x 266	65	8

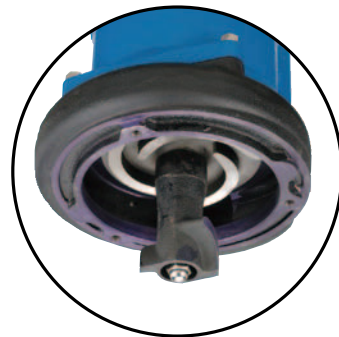
* Weights excluding cable

Specifications KTD Agitator Pumps

A powerful slurry pump using KTZ pumps as a base. Features wear resistance and durability.

Forced agitation

Tsurumi's slurry pumps have an agitator made of abrasion resistant material. It is mounted on the shaft and rotates to create a downward current. This agitator assists the pump in sucking and transferring bentonite slurry, slime, mud, and water with high sand content.



Rugged

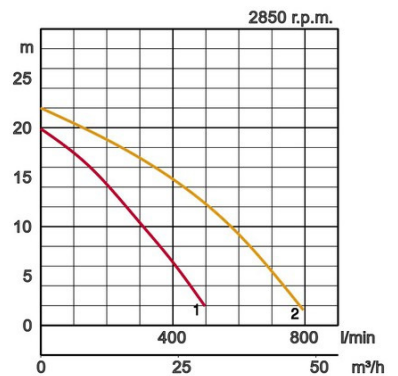
By offering a cast iron pump body, our durability is increased over standard aluminium body pumps.

Efficient motor cooling

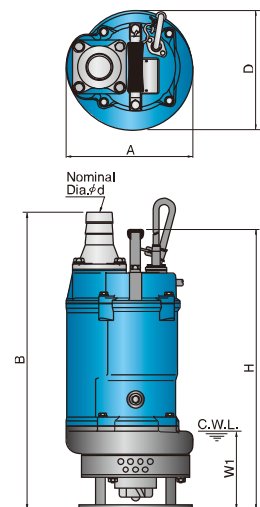
Slim line design with a top discharge offers economy of space. There is efficient motor cooling through a side flow channel.

Specifications:

Model	Colour code	Bore mm	Motor output kW	Rated current A	Head max. m	Capacity max. l/min	Dry weight kg w/o cable	Max. solid handling ø mm	Pressure resistance max. m	Cable length m
KTD22.0	1	50	2,0	4,5	19,9	496	38,0	8,5		20
KTD33.0	2	80	3,0	6,5	22,0	794	65,0	8,5		20



ø Discharge bore mm		50, 80	
Pumping Fluid	Temperature	0-40°C	
	Type of Fluid	Sludge, Slurry, Liquids containing sandy mud and/or bentonite	
Pump	Components	Impeller	Semi-open type impeller
		Shaft Seal	Double mechanical seal
		Bearings	Shielded ball bearings
	Material	Impeller	Chromium iron casting
		Casing	Grey iron casting EN-GJL-200
		Suction Plate	Ductile iron casting EN-GJS-500-7
Shaft Seal	Silicon carbide in oil bath		
Motor	Type, Poles	Induction motor, 2 poles, IP68	
	Lubrication	Turbine oil (ISO VG32)	
	Motor Protector (built-in)	Circle thermal cut-out	
	Insulation	Insulation class F	
	Phase / Voltage	3-phase / 400V / 50Hz / d.o.l.	
	Material	Casing	Grey iron casting EN-GJL-200
Shaft		Stainless steel EN-X30Cr13	
Cable		Rubber, NSSHÖU	
Discharge Connection		Threaded flange/Hose coupling	



Dimensions

Model	d	A	B	D	H	W1
KTD22.0	50	235	550	221	519	140
KTD33.0	80	297	644	266	654	160

Unit: mm

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