TSURUMI PUMP
STRONGER FOR LONGER

KTV2 3-phase
50Hz

Pump with agitator
- for professional use

A powerful slurry pump using KTV pumps as a base. Features wear resistance, durability and extra light weight.

Forced agitation

The agitator installed on the motor shaft extension forcibly agitates the fluid for easy and efficient transmission of sludge and slurry.
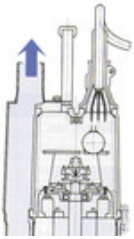
Rugged

Special alloy rubber used for casing, high-chromium cast iron used for impeller.
Simple maintenance - the pump's lower part can be disassembled with a box wrench for effortless maintenance without impeller removal.

Efficient motor cooling

Top discharge, side flow - allows access into areas with space limitations.

Components:

|			
001	Cable	052A	Upper bearing
020	Pump casing	052B	Lower bearing
021	Impeller	053	Motor protector
023	Strainer	054	Shaft
024	Agitator	055	Rotor
025	Mechanical seal	056	Stator
029	Oil casing	064	Motor casing
031	Wear plate	068	Handle
032.	Outlet	071	Shaft sleeve
035	Oil plug	121	Packing
036	Lubricant	122	V-ring
050	Motor cover	127	Fixing plate
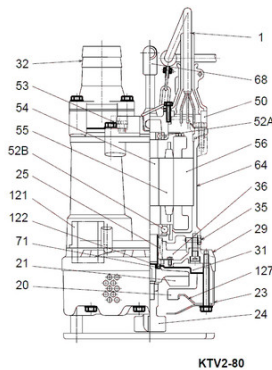
KTV2-80

Specifications:

Model	Colour code curve	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
KTV2-50	🔴 1	50	2,0	3,8	20,0	420	25,0	8,5	25	20
KTV2-80	🟠 2	80	3,0	6,1	22,5	720	38,0	8,5	25	20

ø Discharge bore mm			50, 80
Pumping Fluid	Type of Fluid		Sludge, Slurry, Liquids containing mud
	Temperature		0-40°C
Pump	Compo-nents	Impeller	Semi-Vortex impeller
		Shaft Seal	Double mechanical seal
		Bearings	Shielded ball bearings
	Material	Impeller	Chromium iron casting
		Casing	Synthetic rupper
		Shaft Seal	Silicon carbide in oil bath
Motor	Insulation		Insulation class E
	Type, Poles		Induction motor, 2 poles, IP68
	Lubrication		Turbine oil (ISO VG32)
	Motor Protector (built-in)		Circle thermal cut-out
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.
	Material	Casing	Aluminium die casting
		Shaft	Stainless steel EN-X6Cr13
		Cable	Rubber, NSSHÖU
Discharge Connection			Threaded flange/Hose coupling

2850 r.p.m.
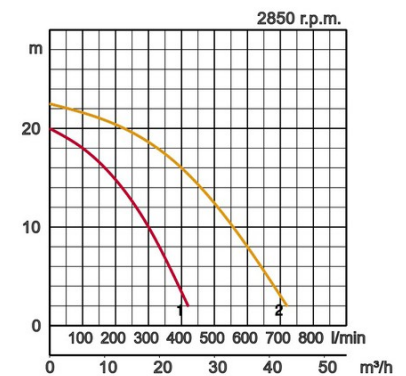
Dimensions in mm:

Model	A	A1	B	B1	D	H	W1
KTV2-50	250	192	450	368	250	454	120
KTV2-80	295	216	550	427	295	550	130
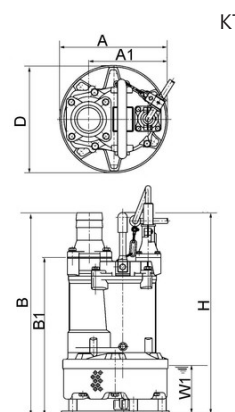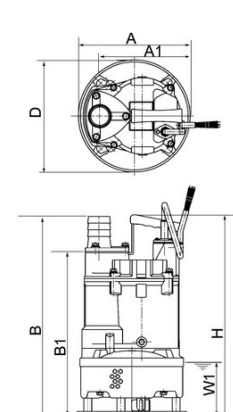
KTV2-80   KTV2-50

W1: lowest running water level

In the event of abrasive and corrosive utilization, stronger wear and tear will take place naturally in certain components. In this regard, please pay attention to our website www.tsurumi.eu/english/applications.htm.

TSURUMI PUMP

Contributing to World-wide Prosperity and Understanding through Worker- and Environment-friendly Production.

Designed for increased productivity through fully integrated streamlined production systems, Tsurumi ´s factory in Kyoto (Japan) features a production capacity of a full 1 million pumps per year. Large-scale modern R&D facilities offer optimum conditions for experimenting and testing of even super-large pumps and for developing new products to expand the possibilites and applications of pumps. To provide optimum conditions for our main asset, our workers, as well as for the environment, special emphasis is placed on optimized working conditions with airconditioning, minimized dust and exhaust gas emission, comprehensive recycling and waste recovery.

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