



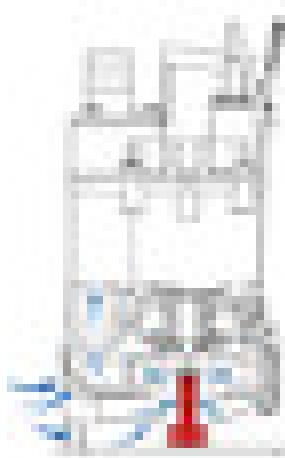
TSURUMI PUMP

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.





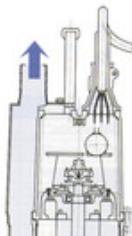
Forced agitation

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



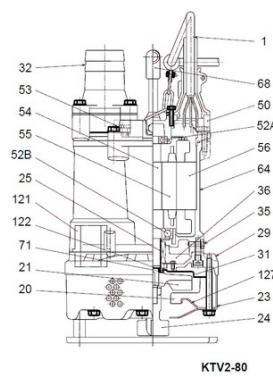
Rugged

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

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	10	25	20
KTV2-80	2	80	3,0	6,1	22,5	720	38,0	10	25	20



ø Discharge bore mm

50,80

Pumping Fluid

Temperature

0-40°C

Type of Fluid

Sludge, Slurry, Liquids containing mud

Pump

Components

Impeller

Semi-Vortex impeller

Shaft Seal

Double mechanical seal

Bearings

Shielded ball bearings

Material

Impeller

Chromium iron casting

Casing

Synthetic rubber

Shaft Seal

Silicon carbide in oil bath

Motor

Phase / Voltage

3-phase / 400V / 50Hz / d.o.l.

Insulation

Insulation class E

Motor Protector (built-in)

Circle thermal cut-out

Lubrication

Turbine oil (ISO VG32)

Type, Poles

Induction motor, 2 poles, IP68

Material

Casing

Aluminium die casting

Shaft

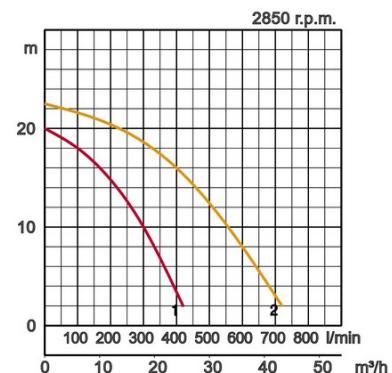
Stainless steel EN-X6Cr13

Cable

Rubber, NSSHÖU

Discharge Connection

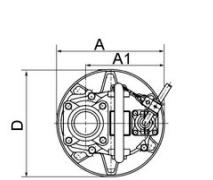
Threaded flange/Hose coupling



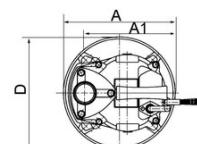
Dimensions in mm:

Model	A	A1	B	B1	D	H	W1
KTV2-50	250	192	450	368	250	454	120

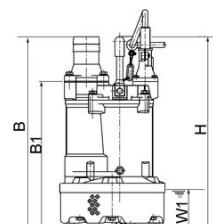
KTV2-80 295 216 550 427 295 550 130



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.



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 possibilities 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.

Tsurumi (Europe) GmbH

Wahlerstr. 10
D-40472 Düsseldorf
Tel.: +49 (0)211-4179373
Fax: +49 (0)211-417937-480
Email: sales@tsurumi.eu
www.tsurumi.eu

We reserve the right to change specifications and designs herein for improvement without prior notice. Our pumps are for professional use only. In the event that Tsurumi (Europe) GmbH have, in exceptional cases taken over, a manufacturer's warranty, this entitles the enduser to assert remedy free of charge against Tsurumi (Europe) GmbH due to any defect to the product occurring during the guarantee period (see below), also then when the warranty claims against the seller do not or no longer exist. In the event of malfunction, which is attributable to the improper handling by the enduser, no guarantee claim shall arise. Further claims shall not result from the warranty, unless if something to the contrary has explicitly been determined. The decision as to whether remedy is effected by way of replacement or repair shall be at the choice of Tsurumi (Europe) GmbH. The claims shall be time barred after a period of three months after expiry of the guarantee period, however, not before expiry of the warranty period which is valid towards the seller. In the event of doubt, the warranty period shall correspond with the warranty period which is valid between the end-user and his seller.



con-KTV2-EN