TSURUMI PUMP

KRS2

3-phase
50Hz

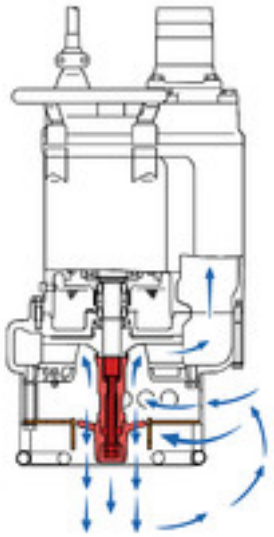
Pump with agitator
- for professional use

Slurry pump suitable for most demanding jobs. 4-pole motor used to achieve a simple structure that demonstrates excellent durability and versatility.



KRS2

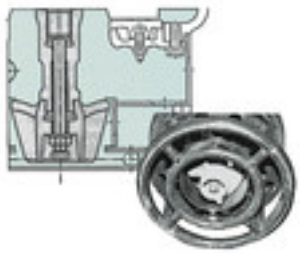
3-phase
50Hz



Forced agitation

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





Rugged

4-pole motor used to achieve a simple structure that demonstrates excellent durability and versatility. By offering a cast iron pump body durability is increased over standard aluminium body pumps.

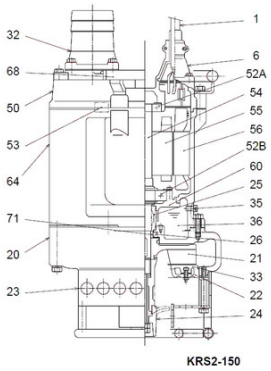


Efficient motor cooling

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

Components:

001	Cable
006	Cable entrance
020	Pump casing
021	Impeller
022	Suction plate
023	Strainer
024	Agitator
025	Mechanical seal
026	Oil sealing
032.	Outlet
033	Suction plate
035	Oil plug
036	Lubricant
050	Motor cover
052A	Upper bearing
052B	Lower bearing
053	Motor protector
054	Shaft
055	Rotor
056	Stator
060	Bearing housing
064	Motor casing
068	Handle
071	Shaft sleeve



KRS2-150

Cast Iron used:

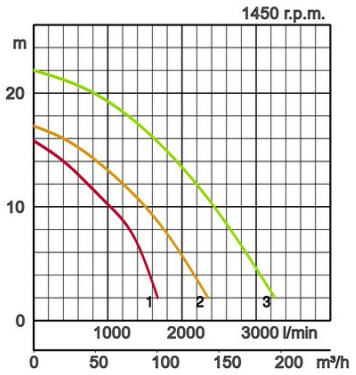
	Brinell hardness:
Chromium iron casting	415 - 425
Grey iron casting EN-GJL-150	125 - 205
Grey iron casting EN-GJL-200	150 - 230

Specifications:

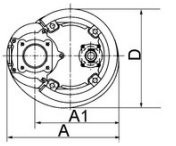
Model	Colour code curve	Bore mm	Motor output kW	Rated current A	Head max. m	Capacity max. l/min	Dry weight kg w/o cable	Max. solid handling ø mm	Max. water depth m	Cable length m
KRS2-80	1	80	4,0	9,5	15,8	1670	105,0	30	15	20
KRS2-100	2	100	6,0	13,0	17,1	2350	145,0	30	15	20
KRS2-150	3	150	9,0	18,5	22,0	3250	170,0	30	15	20

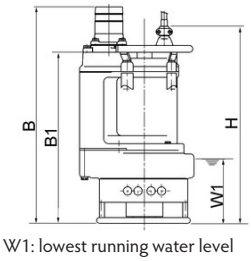


ø Discharge bore mm			80, 100, 150
Pumping Fluid	Temperature		0-40°C
	Type of Fluid		Sludge, Slurry, Liquids containing sandy mud and/or bentonite
Pump	Compo-nents	Impeller	Open type impeller
		Shaft Seal	Double mechanical seal
		Bearings	Shielded ball bearings
	Material	Impeller	Chromium iron casting
		Casing	Grey iron casting EN-GJL-200
		Suction Plate	Chromium iron casting
		Shaft Seal	Silicon carbide in oil bath
Motor	Type, Poles		Induction motor, 4 poles, IP68
	Lubrication		Turbine oil (ISO VG32)
	Motor Protector (built-in)		Circle thermal cut-out
	Insulation		Insulation class E, Insulation class B
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.
	Material	Casing	Grey iron casting EN-GJL-150
		Shaft	Stainless steel EN-X30Cr13
		Cable	Rubber, H07RN-F
Discharge Connection			Threaded flange/Hose coupling









W1: lowest running water level

Dimensions in mm:

Model	A	A1	B	B1	D	H	W1
KRS2-80	350	260	786	666	326	766	250
KRS2-100	415	305	816	678	374	754	250
KRS2-150	434	324	879	699	407	811	250

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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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-KRS2-EN