



KRD 3-phase
50Hz

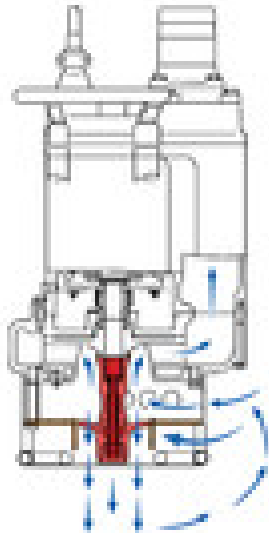
Pump with agitator
- for professional use

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



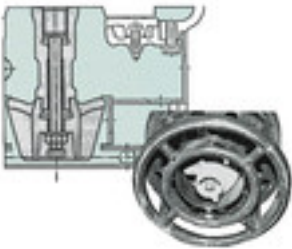
Forced agitation

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



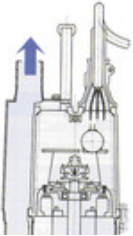
Rugged

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.



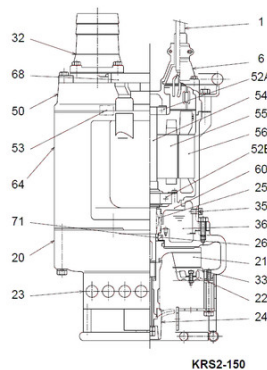
Efficient motor cooling

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



Components:

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



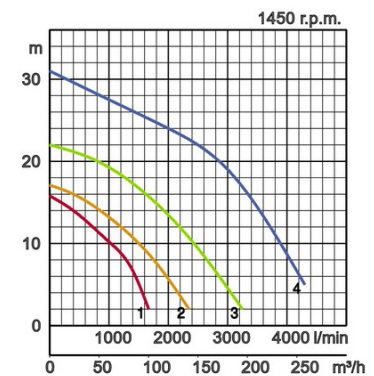
KRS2-150

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
KRD35.5	1	80	5,5	12,1	15,8	1670	107,0	30	15	20
KRD47.5	2	100	7,5	15,0	17,1	2350	145,0	30	15	20
KRD611	3	150	11,0	22,5	22,0	3250	170,0	30	15	20
KRS-200	4	200	18,0	35,0	31,0	4300	395,0	30	30	20

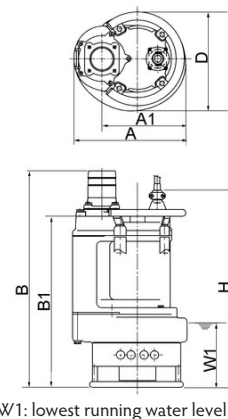


ø Discharge bore mm		80, 100, 150, 200	
Pumping Fluid	Type of Fluid	Sludge, Slurry, Liquids containing sandy mud and/or bentonite	
	Temperature	0-40°C	
Pump	Components	Impeller	Open type impeller
		Shaft Seal	Double mechanical seal
		Bearings	Shielded ball bearings
	Material	Impeller	Chromium iron casting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



Dimensions in mm:

Model	A	A1	B	B1	D	H	W1
KRD35.5	351	259	836	715	326	815	265
KRD47.5	418	305	936	771	379	886	270
KRD611	436	323	961	778	407	913	270
KRS-200	576	445	1181	950	530	1140	285



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

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con-KRD-EN

