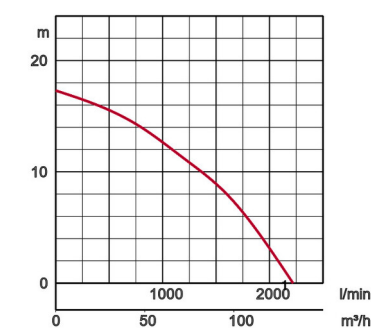




Discharge bore mm	Phases	Motor output kW	Head max. m	Capacity max. l/min	Max. solid handling ø mm	ATEX available	PH value
100	3	7,5	17,3	2220	33	Yes	5.0-9.0



GENERAL

ø Discharge bore mm	100
Discharge Connection	Threaded flange

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	Grey iron casting EN-GJL-200
Shaft Seal	Silicon carbide in oil bath

PUMPING FLUID

Type of Fluid	Spring water, Rain water, Ground water, Sand carrying water
Temperature	0-40°C

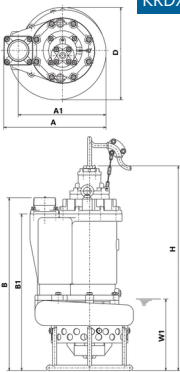
MOTOR

Type, Poles	Induction motor, 4 poles, IP68
Insulation	Insulation class H
Phase / Voltage	3-phase / 400V / 50Hz / d.o.l.
Motor Protector (built-in)	Circle thermal cut-out
Lubrication	Turbine oil (ISO VG32)
Explosion-proof code	IECEx: Ex d I Mb, EX I M2 Ex d I Mb
Explosion-proof code	IECEx: Ex d I Mb, EX I M2 Ex d I Mb

MATERIAL

Casing	Grey iron casting EN-GJL-150
Shaft	Stainless steel EN-X30Cr13
Cable	NSSHÖU (screened)

KRDX47.5



Model	A	A1	B	B1	D	H	W1
KRDX47.5	446	387	775	674	416	868	300

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.

Updated 02/2024