

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	5,5	16,5	2040	28	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

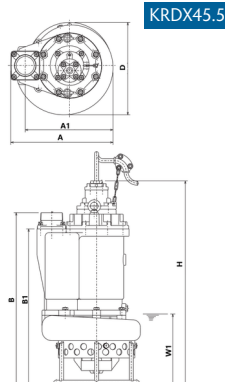
Type of Fluid **Spring water, Rain water, Ground water, Sand carrying water**
 Temperature **0-40°C**

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)**



Model	A	A1	B	B1	D	H	W1
KRDX45.5	446	387	745	644	416	838	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