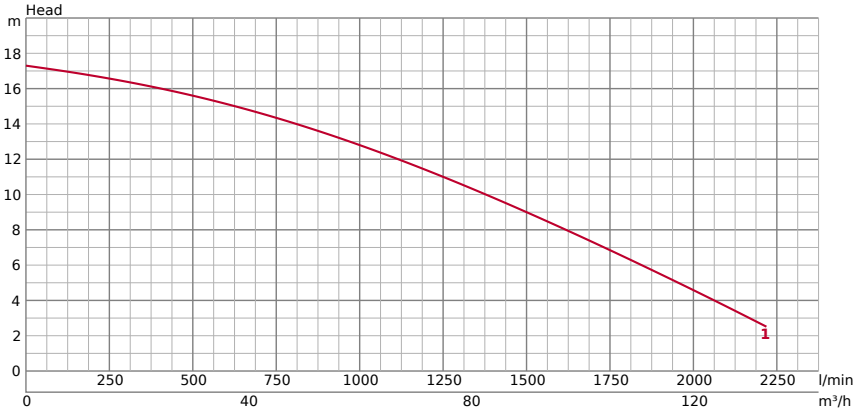
KRDX47.5





TECHNICAL INFORMATION

GENERAL

ø Discharge bore mm	100
Discharge Connection	BSPT threaded
ATEX available	Yes

PUMPING FLUID

Type of Fluid	Sand/Slurry
Temperature	0-40°C
Max. Solid Handling mm	33
Max. dry matter %	20
Max. PH Value	5-9
Max. Capacity l/min	2200
Max. Head m	17

PUMP

COMPONENTS

Impeller	Semi-open type impeller
Bearings	Shielded ball bearings
Mechanical Seal	Dual mechancial seal in oil bath

MATERIAL

Impeller	Chromium iron casting
Casing	Ductile iron casting EN-GJS-700-2
Suction Plate	Chromium iron casting
Pump Body	Ductile iron casting EN-GJS-400
Mechanical Seal	Silicon Carbide

TECHNICAL INFORMATION | Motor, Others on the next page →

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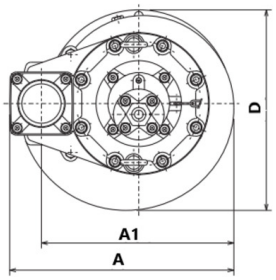
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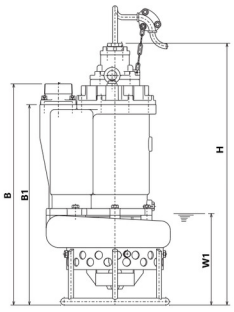
MOTOR		
	Motor output kW	7,5
	Starting method	direct online
	Suitable for VFD	Yes
	Suitable for Soft Starter	Yes
	Type, Poles	Induction motor, 4 poles, IP68
	Insulation	Insulation class H
	Phase / Voltage	3-phase / 500V / 50Hz
	r.p.m.	1450
	Motor Protector (built-in)	Circle thermal cut-out
	Rated Current	12,1

MATERIAL	
Frame	Ductile cast iron EN-GJS-400
Shaft	Stainless steel EN-X30Cr13
Cable	NSSHÖU 3C*2, 5mm², 3C*2,5/3E, 3C*1,5ST
Cable Length	20m

OTHERS		
	Dry Weight kg	186
	Pressure Resistance	max. 25m

DIMENSIONS



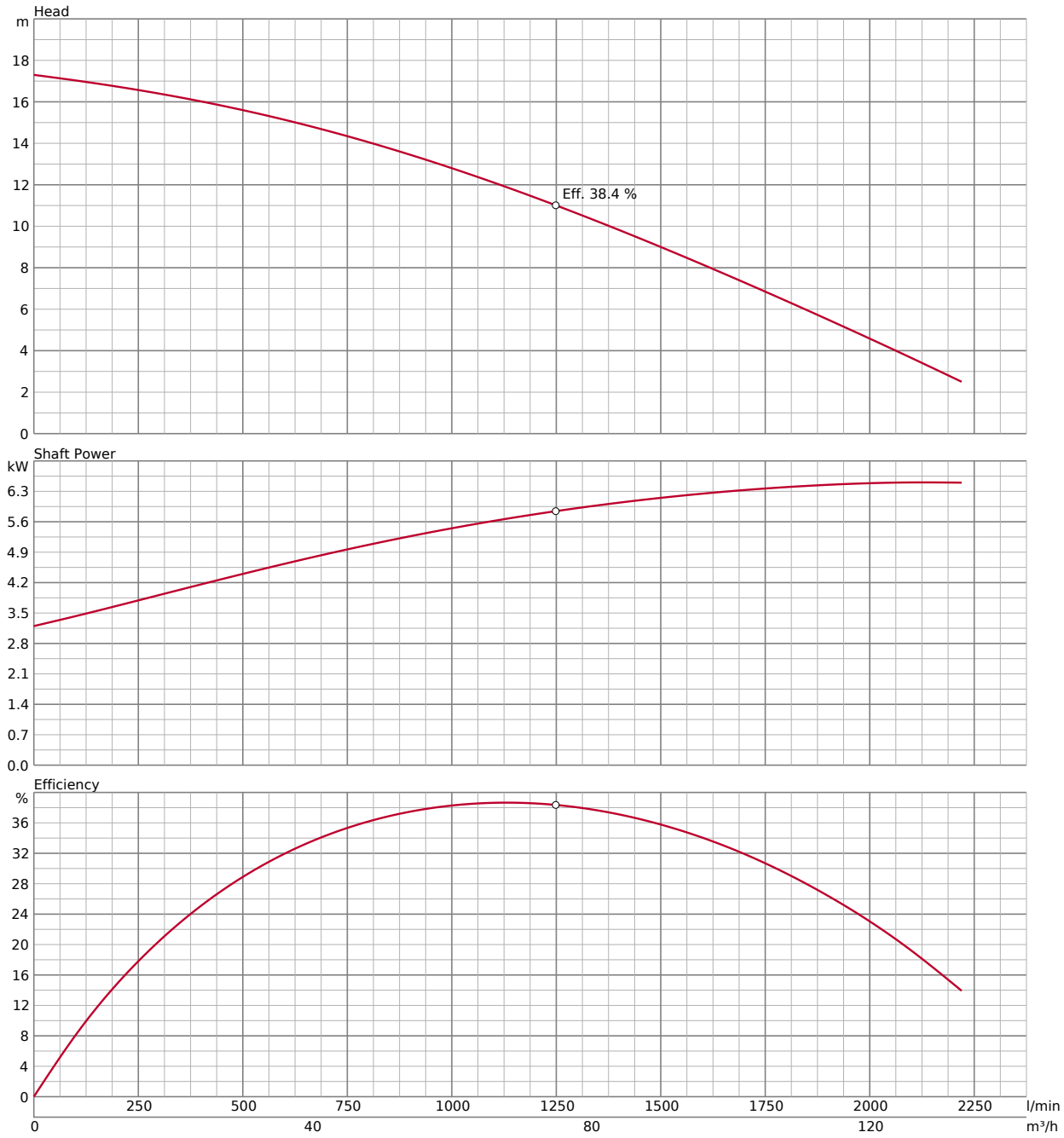


DIMENSIONS - IN MM					
A	446	**B1**	674	**H**	868
A1	387	**D**	416	**W1**	300
B	775				

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PERFORMANCE CURVE



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.

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