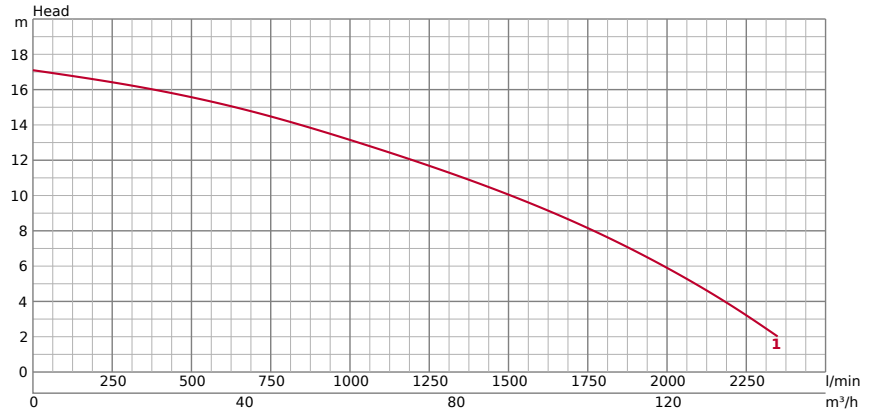


**KRD47.5 (KRS2-100)**



**TECHNICAL INFORMATION**

GENERAL		PUMPING FLUID	
<b>Ø Discharge bore mm</b>	100	<b>Type of Fluid</b>	Sand/Slurry
<b>Discharge Connection</b>	Threaded flange/Hose coupling	<b>Temperature</b>	0-40°C
<b>Pressure resistance m</b>	40	<b>Max. Solid Handling mm</b>	30
		<b>Max. dry matter %</b>	20
		<b>Max. PH Value</b>	5-9
		<b>Max. Capacity l/min</b>	2350
		<b>Max. Head m</b>	17.10

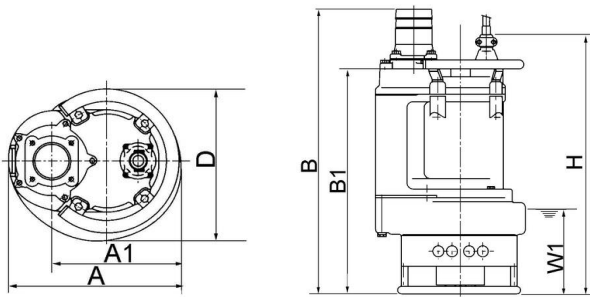
TECHNICAL INFORMATION | Pump, Motor, Others on the next page →

PUMP	COMPONENTS		MATERIAL	
	<b>Impeller</b>	Semi-open type impeller	<b>Impeller</b>	Chromium iron casting
<b>Bearings</b>	Shielded ball bearings	<b>Agitator</b>	Chromium iron casting	
<b>Mechanical Seal</b>	Dual mechanical seal in oil bath	<b>Casing</b>	Grey iron casting EN-GJL-200	
		<b>Suction Plate</b>	Chromium iron casting	
		<b>Pump Body</b>	Grey iron casting EN-GJL-200	
		<b>Mechanical Seal</b>	Silicon Carbide	

MOTOR	MOTOR SPECIFICATIONS		MATERIAL	
	<b>Motor output kW</b>	7,5	<b>Frame</b>	Grey iron casting EN-GJL-200
<b>Starting method</b>	direct online	<b>Shaft</b>	Stainless steel EN-X30Cr13	
<b>Type, Poles</b>	Induction motor, 4 poles, IP68	<b>Cable</b>	NSSHÖU 4C*2. 5mm <sup>2</sup>	
<b>Insulation</b>	Insulation class F	<b>Cable Length</b>	20m	
<b>Phase / Voltage</b>	3-phase / 400V / 50Hz			
<b>r.p.m.</b>	1448			
<b>Motor Protector (built-in)</b>	Circle thermal cut-out			
<b>Rated Current</b>	15			
<b>Voltage Change 400V --&gt; 230V</b>	Internal re-connection (delta)			
<b>Voltage Change 400V --&gt; 690V</b>	Re-Winding			

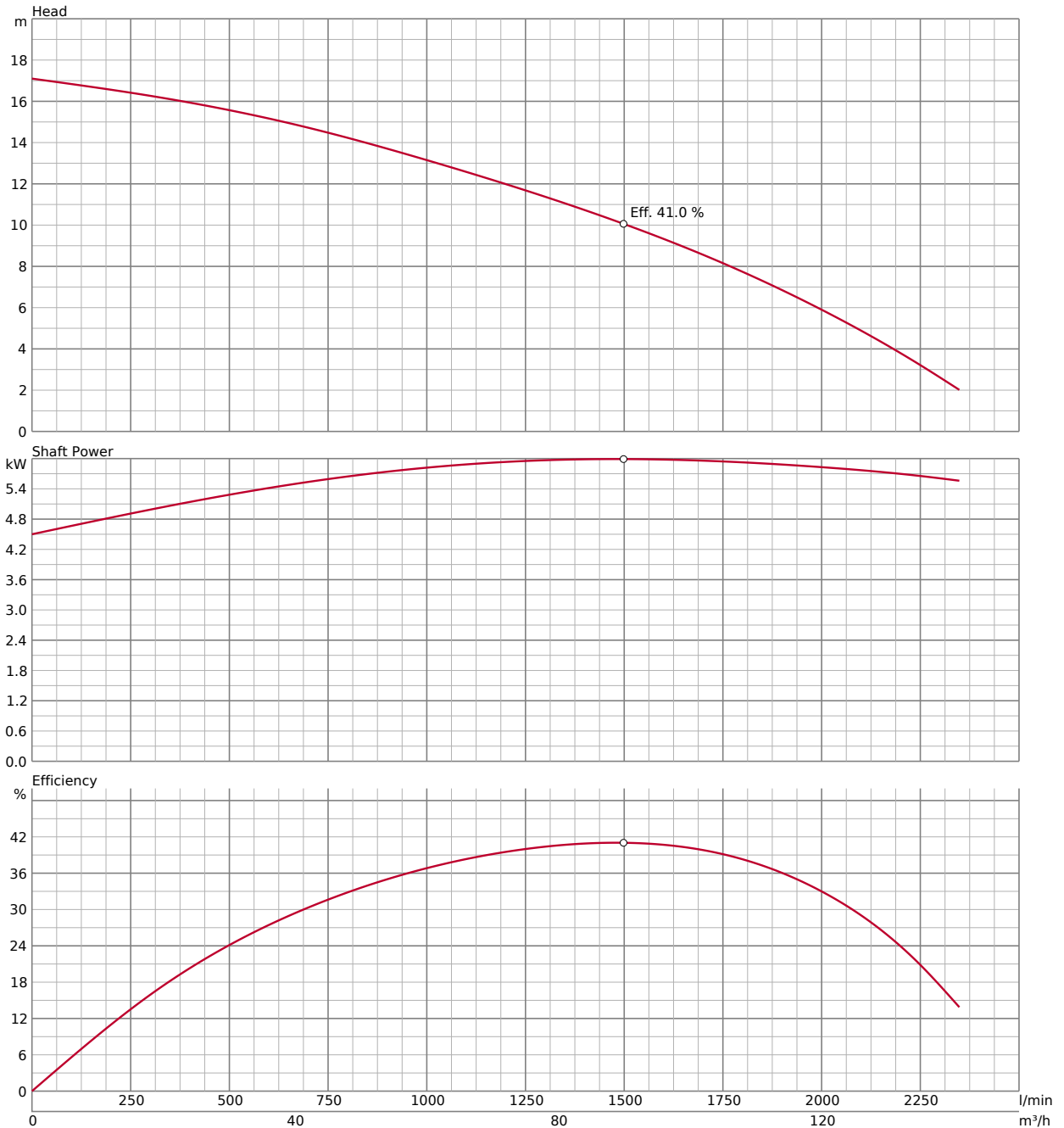
OTHERS	SPECIFICATIONS	
<b>Dry Weight Kg</b>	154	
<b>Pressure Resistance</b>	max. 30m	

## DIMENSIONS



DIMENSIONS - IN MM					
<b>A</b>	418	<b>B1</b>	697	<b>H</b>	886
<b>A1</b>	305	<b>D</b>	379	<b>W1</b>	270
<b>B</b>	936				

**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](http://www.tsurumi.eu/english/applications.htm).