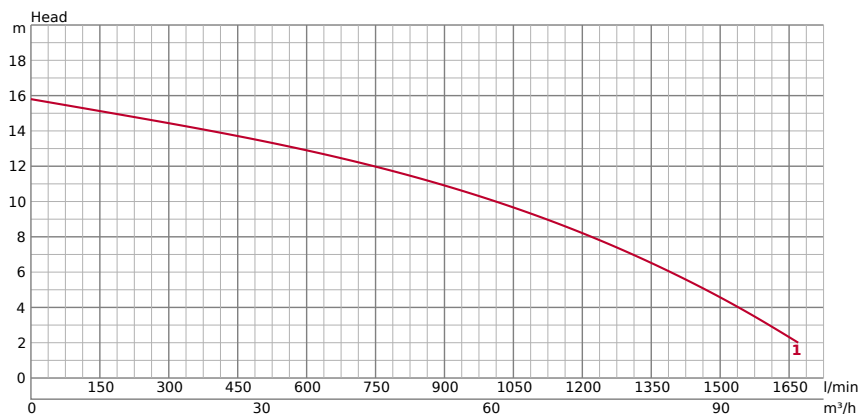


KRD35.5 (KRS2-80)



TECHNICAL INFORMATION

GENERAL

Ø Discharge bore mm	80
Discharge Connection	Threaded flange/Hose coupling
Pressure resistance m	40

PUMPING FLUID

Type of Fluid	Sand/Slurry
Temperature	0-40°C
Max. Solid Handling mm	30
Max. dry matter %	20
Max. PH Value	5-9
Max. Capacity l/min	1670
Max. Head m	15.80

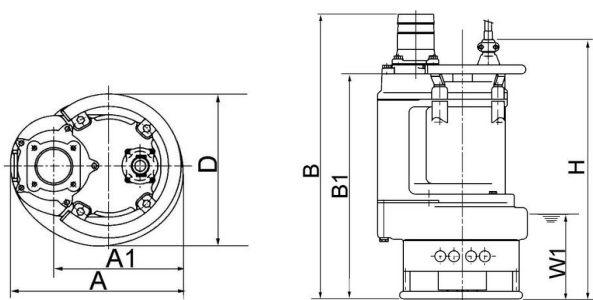
TECHNICAL INFORMATION | Pump, Motor, Others on the next page →

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

MOTOR	MOTOR DATA		MATERIAL	
	Motor output kW	5,5	Frame	Grey iron casting EN-GJL-200
	Starting method	direct online	Shaft	Stainless steel EN-X30Cr13
	Type, Poles	Induction motor, 4 poles, IP68	Cable	NSSHÖU 4C*2. 5mm²
	Insulation	Insulation class F	Cable Length	20m
	Phase / Voltage	3-phase / 400V / 50Hz		
	r.p.m.	1450		
	Motor Protector (built-in)	Circle thermal cut-out		
	Rated Current	12.10		
	Voltage Change 400V --> 230V	Internal re-connection (delta)		
	Voltage Change 400V --> 690V	Re-Winding		

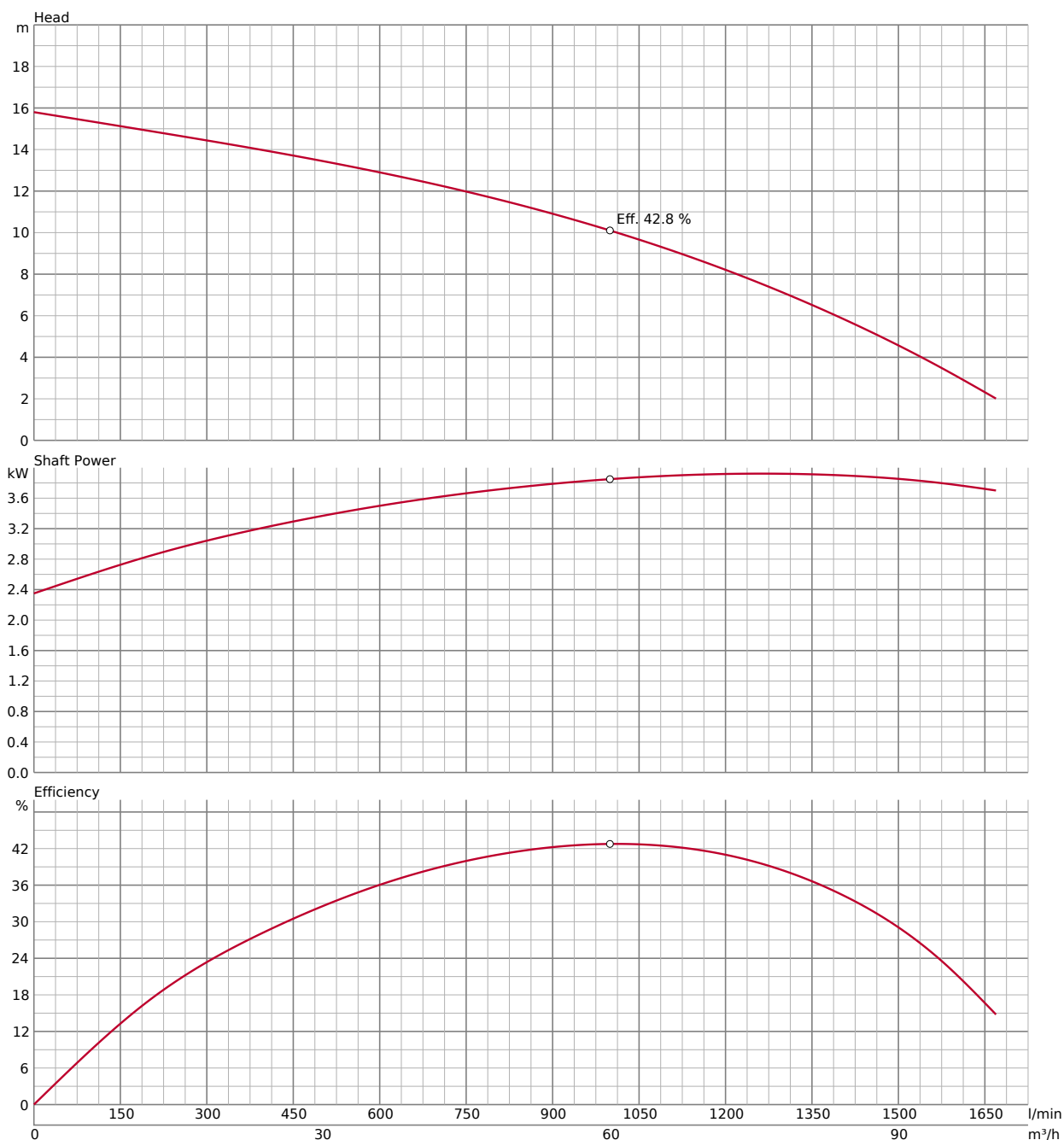
OTHERS	Dry Weight Kg	107
	Pressure Resistance	max. 30m

DIMENSIONS



DIMENSIONS - IN MM					
A	351	B1	680	H	815
A1	260	D	326	W1	265
B	838				

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.