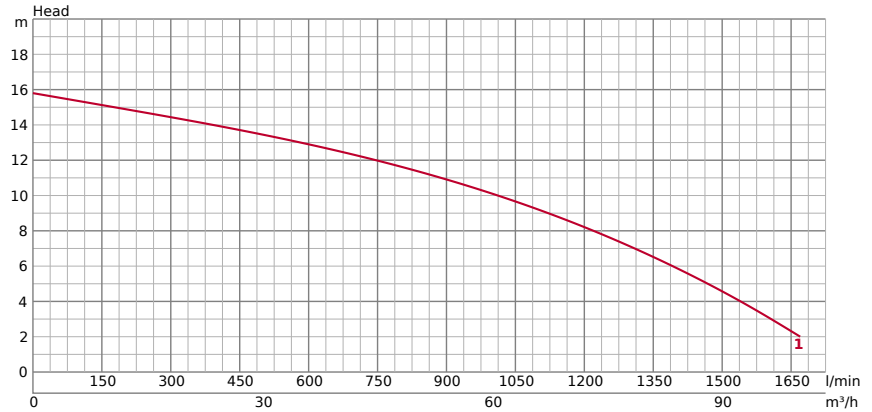


KRD35.5 (KRS2-80)



TECHNICAL INFORMATION

GENERAL		PUMPING FLUID	
Ø Discharge bore mm	80	Type of Fluid	Sand/Slurry
Discharge Connection	Threaded flange/Hose coupling	Temperature	0-40°C
Pressure resistance m	40	Max. Solid Handling mm	30
		Max. dry matter %	20
		Max. PH Value	5-9
		Max. Capacity l/min	1670
		Max. Head m	15.80

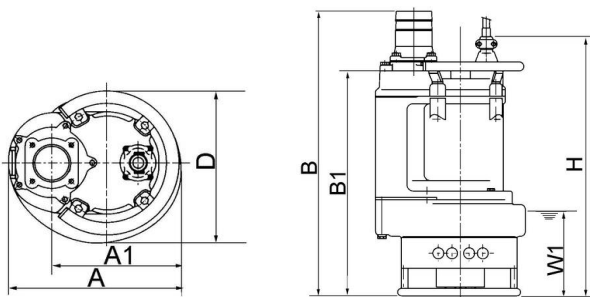
TECHNICAL INFORMATION | Pump, Motor, Others on the next page →

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			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. 5mm ²	
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			

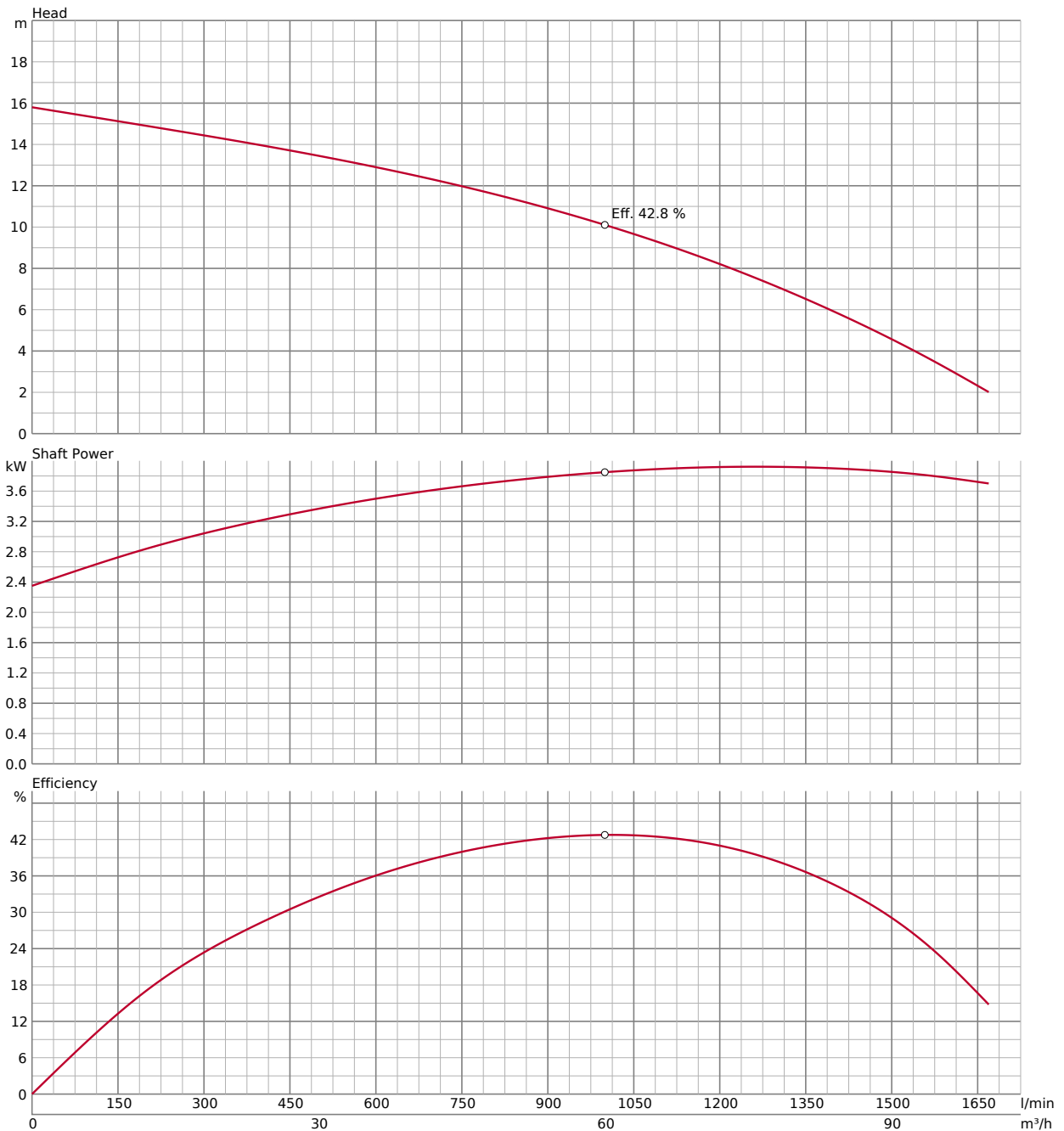
OTHERS		
Dry Weight Kg	107	
Pressure Resistance	max. 30m	

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.