

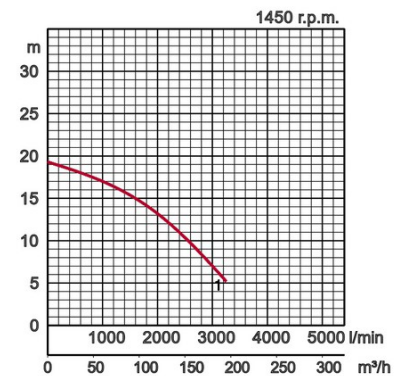
## Specifications:

Model	Colour code curve	Bore mm	Motor output kW	Rated current A	Head max. m	Capacity max. l/min	Dry weight kg w/o cable	Max. solid handling ø mm	Pressure resistance max. m	Cable length m
GPN411	1	100	11,0	22,0	19,3	3250	217,0	30	20	20

## Heavy Duty Sand Pump

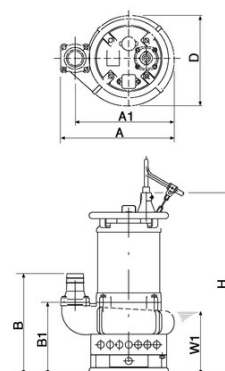
A special steel impeller and suction plate have greatly increased the pump's life. The casing is designed to have wide passing area, thorough thickness and anti-abrasion material.

ø Discharge bore mm		100		
Pumping Fluid	Temperature	0-40°C		
	Type of Fluid	Sludge, Slurry, Liquids containing sandy mud and/or bentonite		
Pump	Components	Impeller	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	Chromium iron casting	
		Shaft Seal	Silicon carbide in oil bath	
Motor	Type, Poles		Induction motor, 4 poles, IP68	
	Lubrication		Turbine oil (ISO VG32)	
	Motor Protector (built-in)		Circle thermal cut-out	
	Insulation		Insulation class B	
	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.	
	Material	Casing	Grey iron casting EN-GJL-150	
		Shaft	Chromium-molybdenum steel (DIN 1.7220)	
Cable		Rubber, NSSHÖU		
Discharge Connection		Threaded flange/Hose coupling		



## Dimensions in mm:

Model	A	A1	B	B1	D	H	W1
GPN411	617	517	500	347	450	879	315



W1: lowest running water level

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).