

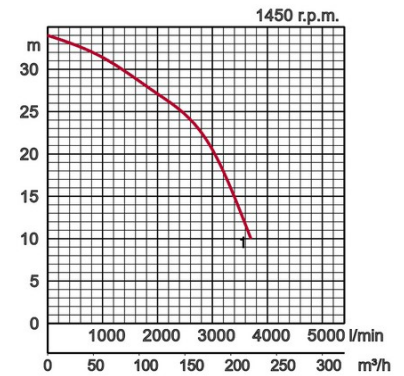
Specifications:

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
GPN422	1	100	22,0	42,5	34,0	3700	415,0	30	20	20

Heavy Duty Sand Pump

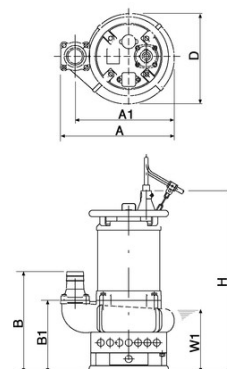
A special steel impeller and suction plate have greatly increased the pump's life. The casing is designed to have wide passing area, thorough thickness and anti-abrasion material.

ø Discharge bore mm		100	
Pumping Fluid	Type of Fluid	Sludge, Slurry, Liquids containing sandy mud and/or bentonite	
	Temperature	0-40°C	
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	Phase / Voltage		3-phase / 400V / 50Hz / d.o.l.
	Lubrication		Turbine oil (ISO VG32)
	Type, Poles		Induction motor, 4 poles, IP68
	Motor Protector (built-in)		Circle thermal cut-out
	Insulation		Insulation class B
	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
GPN422	725	625	528	335	573	1102	300



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.