

# SUBMERSIBLE SLURRY

## GPN AGITATOR



**GPN** models are three phase slurry pumps, in cast iron, with a built-in agitator to stir sand, bentonite and pulverized solids into suspension for pumping. Capable of pumping large volumes, motors are 4 pole or 6 pole for increased wear resistance and they have large solids capacity. Constructed in superior grade materials throughout, they give exceptional performance in harsh operating conditions. The hydraulic design features a double mechanical seal for maximum reliability. The spiral shape of the pump casing, the air and water channel around the motor and the air-release valve, all combine to provide smooth, anti-clog pumping. Maintenance is straightforward, with simple replacement of parts, without the need for special tools. High-performance motors feature thermal protection, enabling simple installation and direct connection to the power supply.

*Special use options: IDS (individually screened cable) is available on most models (Please request a quotation)*

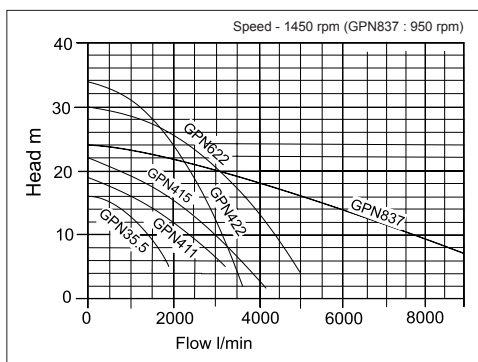
**Fluid:** Sand & silt carrying water | Ground water | Bentonite | Pulverised solids | Temp: 0 - 40°C

**Application:** Mines & quarries | Construction | Hire fleets | Industry | Processing

GPN	Impeller	Shaft seal
	Open	Double mechanical

Pump	Pump casing & outlet	Impeller	Agitator	Suction cover
	Grey cast iron	Chromium iron	Chromium iron	Grey cast-iron
	Shaft	Shaft seal	Lubrication	Strainer stand
	Chromoly steel	Silicon carbide	Oil	Steel

Motor	Poles, protection	Poles, protection (GPN837)	Insulation (GPN411-415)	Insulation (GPN35.5)
	4 pole, IP68	6 pole, IP68	Class B	Class E
	Insulation (GPN422-837)	Thermal protection	Starting	Starting
	Class F	Integral	D.O.L.	Star-delta
	Motor head cover	Motor casing	Power cable (20mtr)	
Grey cast iron	Grey cast iron	Rubber		



**GPN35.5**

**GPN622**

item code	model	Manual or Auto	outlet (mm)	kW	volt	flow (l/min)	head (mtrs)	free passage (mm)	w x l x h (mm)	dry weight (kgs)
10-10-1248	GPN35.5	M	75	5.5	400	1900	16	30	487x390x777	145
10-10-1107	GPN411	M	100	11	400	3250	19	30	617x450x860	217
10-10-1152	GPN415	M	100	15	400	4110	22	30	617x451x860	220
10-10-1008	GPN422	M	100	22	400	3700	34	30	725x572x1102	415
10-10-1165	GPN622	M	150	22	400	5000	30	30	725x572x1102	415
10-10-1340	GPN837	M	200	37	400	9010	24	30	749x1015x1606	815