

MCKARLEN

GP - 50Hz



HEAVY DUTY DRAINAGE PUMP

HEAVY DUTY DRAINAGE PUMP - GP

MCKARLEN

SPECIFICATION

OUTPUT	HEAD	FLOW
3.7 kW - 11 kW	Rated : 15 m - 25m	Rated : 0.5 - 2.0 m ³ /min

Motor

4 Pole, 50Hz
Speed 1450 rpm
Insulation Class F
3 Phase
Protection Type IP68

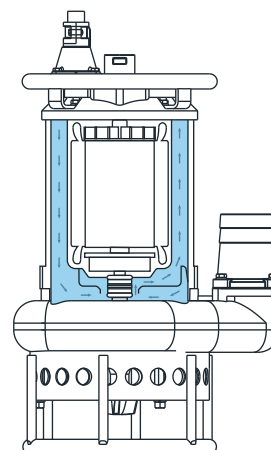
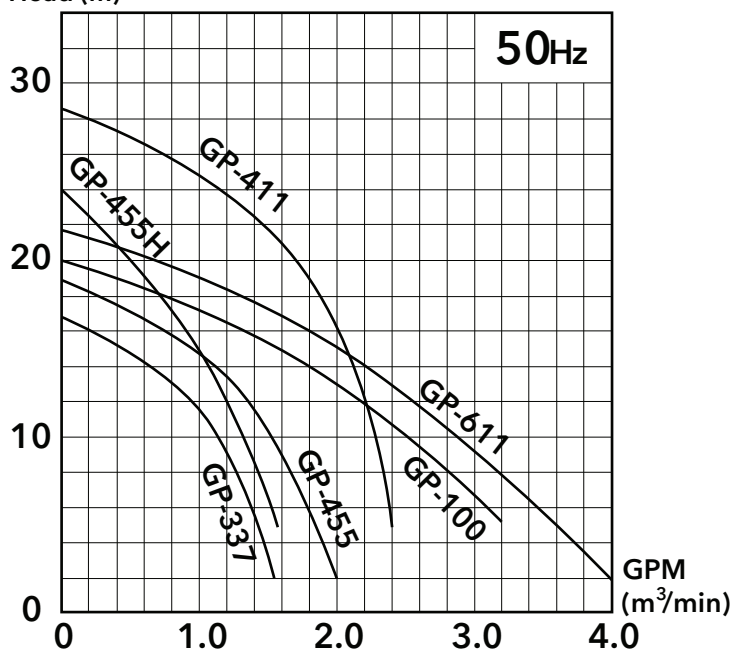
Pump

Impeller Type : Semi-open
Material
Impeller : High-chromium (HCR)
Agitator: High-chromium (HCR)
Casing : Grey iron casting
Motor Housing : FC200
Mechanical Seal : Silicon carbide
Shaft : SUS304J2
Max. liquid temp : 40°C (104°F)
Max. depth 10m

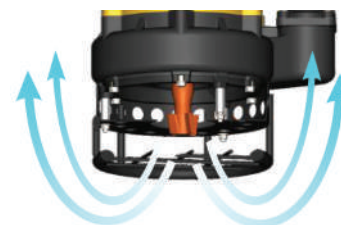
APPLICATION

- For sump effluent, waster water & sewage.
- Groundwater lowering.
- General construction & civil engineering application.
- Tunnel & subway construction.
- Municipal pump pits.
- Rain and spring water drainage.

Head (m)



The cooling water jacket ensures water flows between the reach and barrel, creating an excellent cooling effect, reducing the minimum operating water level, and increasing the pumpable water level.



A high-chromium (HCR) agitator at the bottom of the pump creates a powerful agitating current when activated, lifting the sediment and discharging it.

OPEN-SEMI IMPELLER



Four to six blades impeller with rear cover only Suitable for use when solids are mixed in the pump fluid (20% mud and sand solid content)

GP-337, GP-455, GP-455H, GP-411, GP-611



OPEN-SEMI IMPELLER

Three-blades impeller with rear cover only Suitable for use when solids are mixed in the pump fluid (40% mud and sand solid content)

GP-100

Model	Output		Outlet		Rated		Dimension (mm)	Pass Solid (mm)	Weight (Kg)
	HP	kW	mm	inch	(M)	(m ³ /min)			
GP-337	5	3.7	80	3	15	0.5	370 x 520 x 1245	30	98
GP-455	7.5	5.5	100	4	15	1.0	370 x 520 x 1245	30	116
GP-455H	7.5	5.5	80	3	20	0.5	370 x 520 x 1245	30	116
GP-411	15	11	100	4	25	1.0	370 x 860 x 935	25	198
GP-611	15	11	150	6	15	2.0	370 x 860 x 935	35	194
GP-100	15	11	100	4	20	1.6	492 x 620 x 906	30	218