

FOR INDUSTRIAL APPLICATION

"GEAR PUMP" GL Series for Low Viscosity Oil

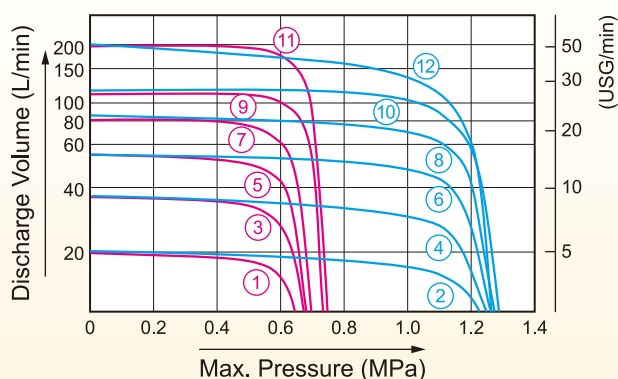
- Safety by-pass function protects pump.
- For oil transfer

Applications

- Kerosene
- Heavy oil
- Machine oil
- Light oil



Performance Curve



GL-25-5

* Gasoline must not be used.

Specification

Model		GL-13-5	GL-13-10	GL-20-5	GL-20-10	GL-25-5	GL-25-10	GL-32-5	GL-32-10		GL-40-5	GL-40-10	GL-50-5	GL-50-10	
Performance Curve No.		①	②	③	④	⑤	⑥	⑦	⑧		⑨	⑩	⑪	⑫	
PUMP	Connection Dia	13 mm (½")		20 mm (¾")		25 mm (1")		32 mm (1¼")			40 mm (1½")		50 mm (2")		
	Power	0.4 kW	0.75 kW		1.5 kW		2.2 kW		3.7 kW		2.2 kW	5.5 kW	3.7 kW	7.5 kW	
	Poles		4 P									6 P			
	Max. Pressure	MPa	0.5	1	0.5	1	0.5	1	0.5	1		0.5	1	0.5	1
		kgf/cm ²	5	10	5	10	5	10	5	10		5	10	5	10
	Discharge Volume	60 Hz (1800 rpm)	20 L/min (5 USG/min)		35 L/min (9 USG/min)		55 L/min (14 USG/min)		80 L/min (21 USG/min)		60 Hz (1200 rpm)	123 L/min (32 USG/min)		200 L/min (52 USG/min)	
		50 Hz (1500 rpm)	17 L/min (4 USG/min)		29 L/min (7 USG/min)		46 L/min (12 USG/min)		66 L/min (17 USG/min)		50 Hz (1000 rpm)	100 L/min (26 USG/min)		165 L/min (43 USG/min)	
	Material of Housing		ADC									FC			
	Coupling		ZDC					JIS				JIS			
	Pump Shaft Dia		ø18 mm									ø22 mm			
Net Weight		4.4 kg (10 lbs)		4.6 kg (10 lbs)		5 kg (11 lbs)	8 kg (16 lbs)	8.5 kg (19 lbs)			14.8 kg (33 lbs)	16.4 kg (36 lbs)	17.7 kg (39 lbs)	20 kg (44 lbs)	
Gross Weight		4.8 kg (11 lbs)		5.0 kg (11 lbs)		5.6 kg (13 lbs)	8.5 kg (19 lbs)	9 kg (20 lbs)			15.8 kg (35 lbs)	17.4 kg (38 lbs)	18.7 kg (41 lbs)	21 kg (46 lbs)	
Dimensions L×W×H (mm)		224 × 150 × 155						307 × 150 × 155				318 × 258 × 220			
Packing Unit		1													

"GEAR PUMPS"

Suitable for Water, Oil & Various Liquids Applications



GB-13
GC-13



GB-25
GC-25

■ Applications (GB)

- Water
- Sea water
- Weak acids
- Various chemicals
- Coal tar

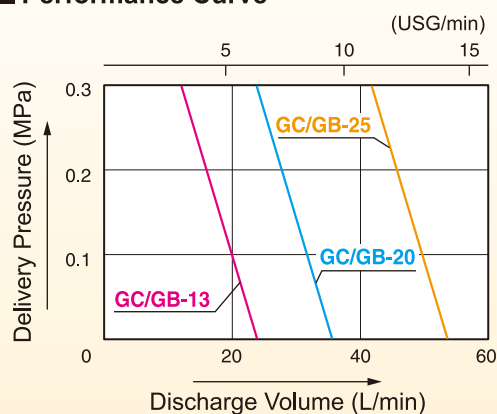


■ Applications (GC)

- Kerosene
- Light oil
- Machine oil
- Heavy oil
- Water



■ Performance Curve



■ Specification

Model	GC-13	GB-13	GC-20	GB-20	GC-25	GB-25
Gear Material	GC: Cast Iron / GB: Brass					
Connection Dia	13 mm (½")		20 mm (¾")		25 mm (1")	
Discharge Volume (400 rpm)	21 L/min (5 USG/min)		37 L/min (9 USG/min)		55 L/min (14 USG/min)	
Delivery Pressure	0 – 0.3 MPa (0 – 3 kg/cm²)					
Max. Suction Lift	Max. 4 m (13.1 ft)					
Power	200 W		400 W		750 W	
Pulley	5" (125 mm) × A1		6" (150 mm) × A1		8" (200 mm) × A1	
Net Weight	4 kg (8.8 lbs) (1 unit)		6 kg (13.2 lbs) (1 unit)		11 kg (24.3 lbs) (1 unit)	
Gross Weight	17.5 kg (38.6 lbs) (4 units)		13 kg (28.7 lbs) (2 units)		22.5 kg (49.6 lbs) (2 units)	
Dimensions L×W×H (mm)	307 × 273× 196	391 × 236 × 167	294 × 213 × 202		402 × 267 × 250	
Packing Unit	4		2			