

## FOR INDUSTRIAL APPLICATION

### "GEAR PUMP" GL Series for Low Viscosity Oil

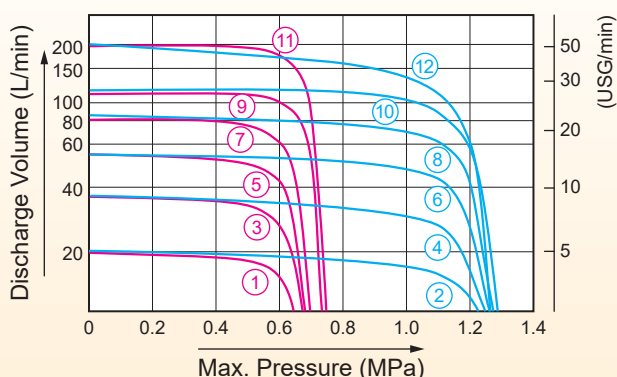
- Safety by-pass function protects pump.
- For oil transfer

#### ■ 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	
Connection Dia	13 mm (1/2")		20 mm (3/4")		25 mm (1")		32 mm (1 1/4")			40 mm (1 1/2")		50 mm (2")		
Power	0.4 kW		0.75 kW		1.5 kW		2.2 kW			2.2 kW		5.5 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 <sup>2</sup>	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)	22.5 kg (50 lbs)	24 kg (53 lbs)	26 kg (57 lbs)	28.5 kg (63 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)	23.5 kg (52 lbs)	25 kg (55 lbs)	27 kg (60 lbs)	29.5 kg (65 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

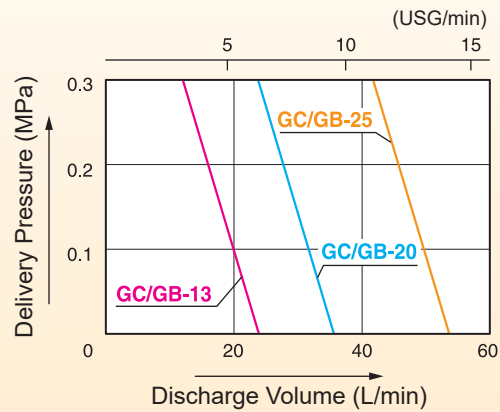


### Applications (GC)

- 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 (1/2")		20 mm (3/4")		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/cm <sup>2</sup> )					
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)		25 kg (55.1 lbs) (4 units)		22.5 kg (49.6 lbs) (2 units)	
Dimensions L×W×H (mm)	391 × 236 × 167		482 × 252 × 179		402 × 267 × 250	
Packing Unit	4				2	