

FOR INDUSTRIAL APPLICATION

"GEAR PUMP" GL Series for Low Viscosity Oil

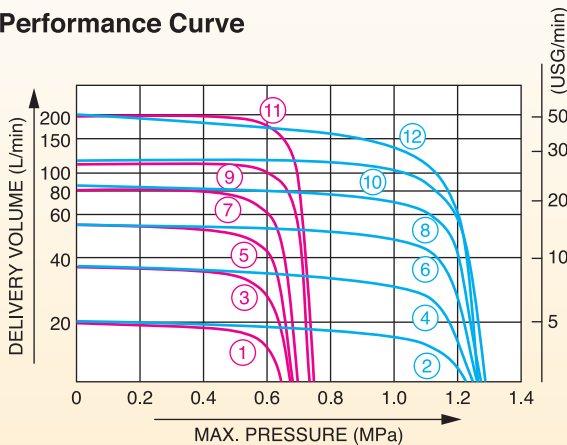
- Safety by-pass function protects pump.
- For oil transfer

Applications

- Kerosene
- Machine oil
- Heavy 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	0.75 kW	1.5 kW	1.5 kW	2.2 kW	2.2 kW	3.7 kW	2.2 kW	5.5 kW	3.7 kW	7.5 kW
Poles		4 P				6 P							
PUMP	Max. Pressure	0.5 MPa	1 MPa	0.5 MPa	1 MPa	0.5 MPa	1 MPa	0.5 MPa	1 MPa	0.5 MPa	1 MPa	0.5 MPa	1 MPa
		5 kgf/cm ²	10 kgf/cm ²	5 kgf/cm ²	10 kgf/cm ²	5 kgf/cm ²	10 kgf/cm ²	5 kgf/cm ²	10 kgf/cm ²	5 kgf/cm ²	10 kgf/cm ²	5 kgf/cm ²	10 kgf/cm ²
Delivery 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							
Pump Shaft Dia		φ 18 mm								φ 22 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 LxWxH (mm)		224 x 150 x 155		224 x 150 x 155		224 x 150 x 155		307 x 150 x 155		307 x 150 x 155		318 x 258 x 220	
Packing Unit		1								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

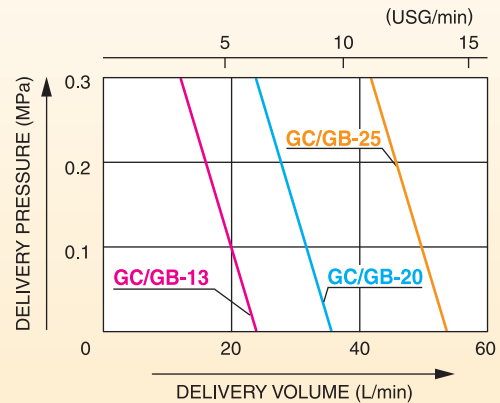


Applications (GC)

- 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")	
Delivery 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 ²)					
Max. Suction Lift	Max. 4 m (13.1 ft)					
Power	200 W		400 W		750 W	
Pulley	5" (125mm) × A1		6" (150mm) × A1		8" (200mm) × 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 LxWxH (mm)	391 × 236 × 167		482 × 252 × 179		402 × 267 × 250	
Packing Unit	4				2	