



FOR INDUSTRIAL APPLICATION

"GEAR PUMP" GL Series for Low Viscosity Oil

- Safety by-pass function protects pump.

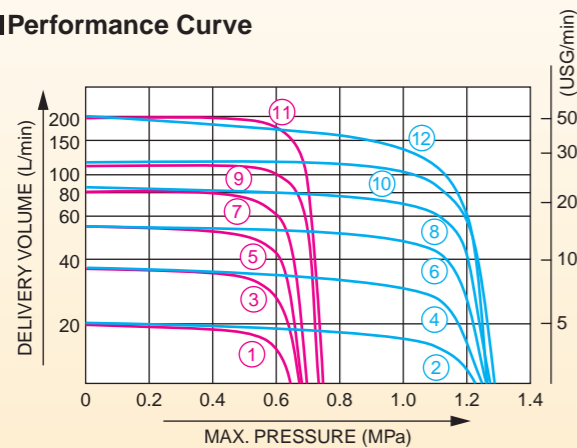
■ Applications

- Kerosene
- Machine oil
- Heavy oil
- Light oil



GL-25-5

■ Performance Curve



* Must not be used for gasoline.

■ Specifications

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					
Max. Pressure	0.5 MPa (5 kgf/cm ²)	1 MPa (10 kgf/cm ²)	0.5 MPa (5 kgf/cm ²)	1 MPa (10 kgf/cm ²)	0.5 MPa (5 kgf/cm ²)	1 MPa (10 kgf/cm ²)	0.5 MPa (5 kgf/cm ²)	1 MPa (10 kgf/cm ²)	0.5 MPa (5 kgf/cm ²)	1 MPa (10 kgf/cm ²)	0.5 MPa (5 kgf/cm ²)	1 MPa (10 kgf/cm ²)
Delivery Volume	60 Hz (1720 rpm)	20 L/min (5 USG/min)	35 L/min (9 USG/min)	55 L/min (14 USG/min)	85 L/min (22 USG/min)	123 L/min (32 USG/min)	200 L/min (52 USG/min)					
	50 Hz (1450 rpm)	17 L/min (4 USG/min)	29 L/min (7 USG/min)	46 L/min (12 USG/min)	71 L/min (18 USG/min)	100 L/min (26 USG/min)	165 L/min (43 USG/min)					
Coupling	ZDC						JIS					
Pump Shaft Dia	φ 18 mm						φ 22 mm					
Gross Weight	6 kg (13.2 lbs)	7 kg (15.4 lbs)	7 kg (15.4 lbs)	8 kg (17.6 lbs)	12 kg (26.4 lbs)	23 kg (50.7 lbs)	26 kg (57.3 lbs)					
Dimensions LxWxX (mm)	234 x 160 x 170	234 x 160 x 170	234 x 160 x 170	234 x 160 x 170	317 x 160 x 170	328 x 268 x 235	328 x 268 x 235					
Packing Unit	1											

"CHANGE MASTER" Oil Change Pumps

- Powerful pump transfers high viscosity oil. (Up to 800 cst)
- Highly recommended for motor oil change.
- Safety by-pass valve protects pump.

■ Applications

- Motor oil
- Machine oil
- Heavy oil
- Light oil



* Must not be used for gasoline.

■ Specifications

Model	GM-2524H	
PUMP	Dia of Hose Inlet	25 mm (1")
	Dia of Hose Outlet	20 mm (3/4")
	Connection Thread	Inner Pipe Thread
	Max. Delivery Pressure	0.2 MPa (2 kgf/cm ²)
Delivery Volume	20 L/min (5 USG/min)	
Applicable Viscosity	800 cst	
MOTOR	Voltage	DC 24 V
	Rated Current	16 A
	Output	200 W
	Revolution	6200 rpm
	Rating	25 min
	Power Cord	5 m (16 ft)
Gross Weight	10 kg (22.1 lbs)	
Dimensions LxWxH (mm)	320 x 188 x 268	
Packing Unit	1	



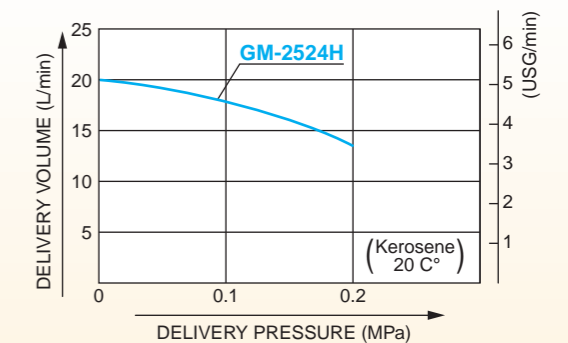
GM-2524H

E-type Hose Set for GM Pumps

- Suction Dia: 25 mm (1") x 2 m (6.5 ft)
- Delivery Dia: 20 mm (3/4") x 2 m (6.5 ft)
- 1 Nozzle, 1 Strainer, 2 Joints



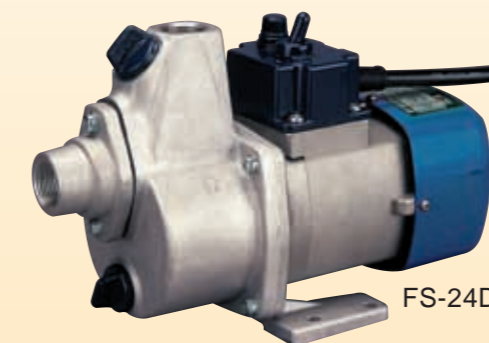
■ Performance Curve



"FS PUMP" Self-priming Pump for Low Viscosity Oil



* Must not be used for gasoline.



FS-24D

■ Specifications

Model	FS-12D	FS-24D
Connection Dia	20 mm (3/4")	
Total Head	7 m (23 ft)	9 m (30 ft)
Delivery Volume	40 L/min (10 USG/min)	50 L/min (13 USG/min)
Voltage	DC 12 V	DC 24 V
Rated Current	15 A	8 A
Output	80 W	90 W
Revolution	7300 rpm	
Gross Weight	20 kg (44.1 lbs)	
Dimensions LxWxH (mm)	790 x 315 x 240	
Packing Unit	5	

T-type Hose Set for FS Pumps

- Suction Dia: 20 mm (3/4") x 2 m (6.5 ft)
- Delivery Dia: 20 mm (3/4") x 2 m (6.5 ft)
- 1 Nozzle, 1 Strainer, 2 Joints



■ Performance Curve

