

# "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

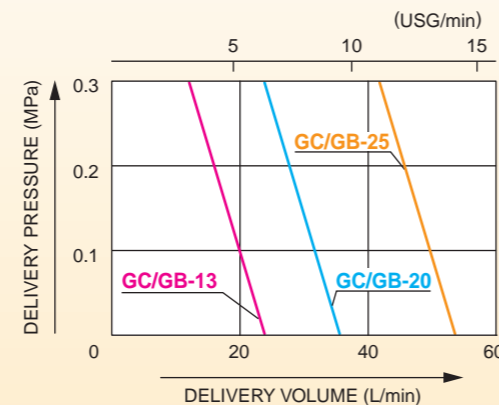


■ Applications (GC)

- Kerosene
- Light oil
- Machine oil
- Heavy oil



■ Performance Curve



■ Specifications

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	Revolution: 200 rpm	10 L/min (2 USG/min)	18 L/min ( 4 USG/min)	27 L/min ( 7 USG/min)	27 L/min ( 7 USG/min)	27 L/min ( 7 USG/min)
	Revolution: 400 rpm	21 L/min (5 USG/min)	37 L/min ( 9 USG/min)	55 L/min (14 USG/min)	55 L/min (14 USG/min)	55 L/min (14 USG/min)
	Revolution: 600 rpm	32 L/min (8 USG/min)	56 L/min (14 USG/min)	83 L/min (22 USG/min)	83 L/min (22 USG/min)	83 L/min (22 USG/min)
Delivery Pressure	0.1 – 0.3 MPa (1 – 3 kg/cm <sup>2</sup> )					
Syphoning Factor	3 m (10 ft)					
Power	200 W		400 W		750 W	
Pulley	125 x A1		150 x A1		200 x A1	
Gross Weight	17.5 kg (38.6 lbs)		25 kg (55.1 lbs)		22.5 kg (49.6 lbs)	
Dimensions LxWxH (mm)	316 x 283 x 211		492 x 262 x 194		397 x 277 x 265	
Packing Unit	4				2	

# Powerful "FILL PUMP" Only 2 Minutes to Empty 200 L Drum (FR-200)

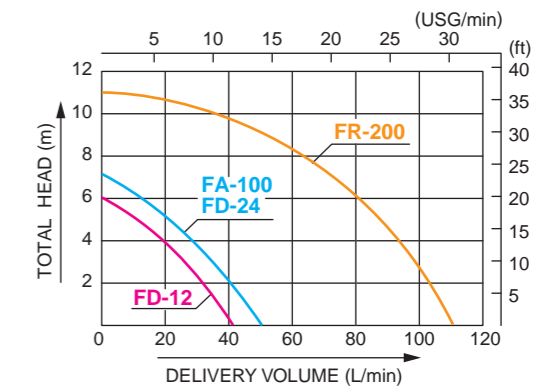
- Two stage system of axial flow vane and spiral vane result in an excellent flow rate.

■ Applications

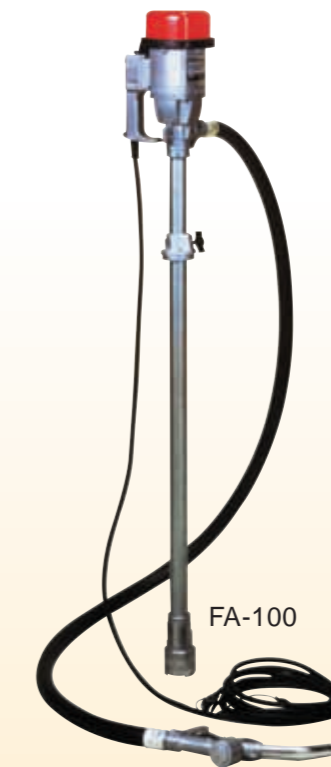
- High to low viscosity oil
- Machine oil
- Heavy fuel oil B
- Kerosene
- Diesel



■ Performance Curve



FD-12



FA-100



FR-200

\* These pumps are not designed for use with liquids with low flash-point, such as gasoline, etc.

■ Specifications

Model	FD-12	FD-24	FA-100	FR-200
Connection Dia	20 mm (¾")			32 mm (1¼")
Connection Thread	Inner Pipe Thread			
Total Head	6 m (19 ft)	7 m (23 ft)		11 m (36 ft)
Delivery Volume	40 L/min (10 USG/min) (Kerosene, Light Oil)	50 L/min (13 USG/min) (Kerosene, Light Oil)		110 L/min (29 USG/min) (Kerosene, Diesel)
Type	Enclosed Fan-Cooled Commutator			Fan-Cooled Commutator
Voltage	DC 12 V	DC 24 V	AC 110 V / 130 V	AC 220 V – 240 V
Rated Current	14 A	7 A	2 A	1 A
Output	80 W	90 W	100 W	
Revolution	7000 rpm	7300 rpm	7500 rpm	
Rating	Continuous			
Power cord	Oil-Proof Cord 5 m (16.4 ft)			
Delivery Hose	1 Oil-Proof Rubber Hose (20 mm (¾") x 2 m)			
Gross Weight	20 kg (44.1 lbs)		30 kg (66.1 lbs)	
Dimensions LxWxH (mm)	1228 x 291 x 172			1290 x 490 x 205
Packing Unit	2			