

HYDRAULIC GEAR PUMP

HYDRAULIC ADAPTERS

MODEL # MGP-F10

- All Aluminium construction.
- 7 Displacement sizes from 0.07 to 0.37 cu. in/rev.
- Mounting flange is SAE AA-2 bolt.
- Ports are SAE-8 inlet and SAE-6 outlet.
- Drive shaft is a 1/2 inch straight shaft with 1/8 key.

Recommended working conditions:

- Filtration 25 micron or better.
- Oil Viscosity 6 to 200 cSt.
- Inlet pressure 12 to 32 psi abs.
- Oil Temperature -25 to 55 degrees C (-12 to 175 F°).
- Ambient -22 to 55 C° (-8 to 130 F°).

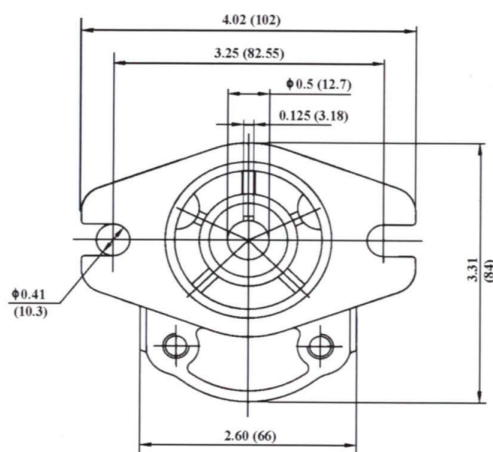
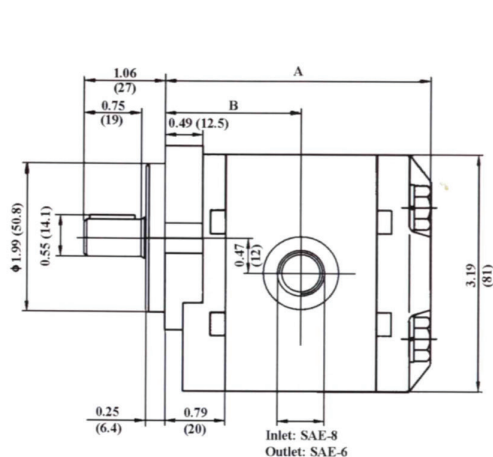


Part #	Displacement cu.in/rev	PSI	Speed RPM		Weight Lbs	List Price
			Rated	Max		
MGP-F10-13	0.07	3625	2000	5000	2.02	323.30
MGP-F10-20	0.12	3625	2000	5000	2.31	332.86
MGP-F10-27	0.16	3625	2000	5000	2.68	332.86
MGP-F10-34	0.20	3625	2000	5000	2.99	332.86
MGP-F10-41	0.25	3625	2000	4000	3.34	391.08
MGP-F10-51	0.31	3625	2000	4000	3.78	391.08
MGP-F10-61	0.37	3625	2000	4000	4.18	391.08

• Displacement (cu.in/ rev) x speed (RPM)/ 231 Volumetric efficiency % $\geq$ 93

• GPM X 231/ RPM = CU.IN

INSTALLATION DATA



Port Sizes
Inlet - SAE-8 (3/4-16)
Outlet - SAE-6 (9/16-18)

Part #	A		B	
	Millimeters	Inches	Millimeters	Inches
MGP-F10-13	82	3.23	42	1.65
MGP-F10-20	84	3.3	43	1.69
MGP-F10-27	86	3.39	44	1.73
MGP-F10-34	88	3.46	45	1.77

Part #	A		B	
	Millimeters	Inches	Millimeters	Inches
MGP-F10-41	90	3.54	46	1.81
MGP-F10-51	93	3.66	47.5	1.87
MGP-F10-61	96	3.78	49	1.93

ORDERING INFORMATION

MGP

Aluminum
Gear Pump

F10

High
Pressure
Series

16

Displacement
cm³/rev
(see chart)
13/20/27/34
41/51/61

P

Drive
Shaft
P-1/2 Dia

C

Rotation
Direction
C-Clockwise
A-Counter Clockwise
(viewed from drive shaft
end)