

PERMCO

P124 (PFRV)

124 PRIORITY FLOW CONTROL/RELIEF VALVE COVER SMALL BUSHING SERIES



P124 SINGLE WITH PRIORITY COVER

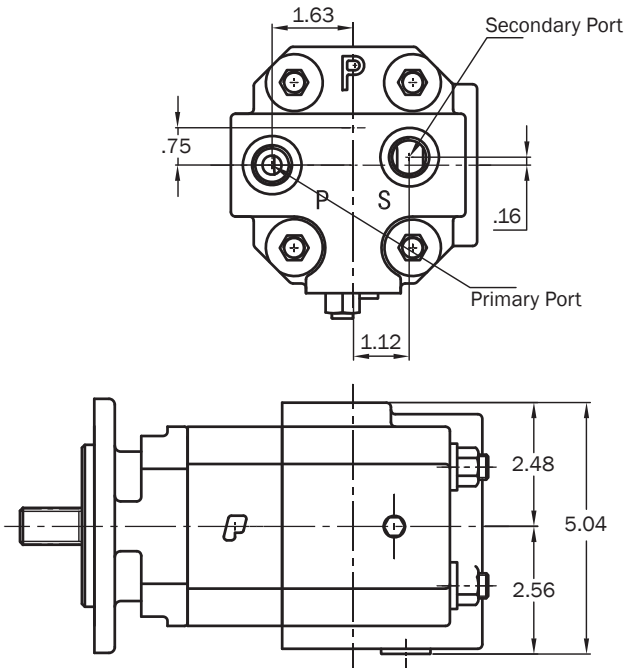
PRIORITY FLOW CONTROL/RELIEF VALVE COVER FEATURES

- Primary flow available from 1 to 12 GPM (3.78 to 45.42 liter)
- Relief valve available for primary circuit up to 3300 PSI (228 Bar, 28 Mpa)
- Secondary flow can be pressurized and used for downstream machine function or returned back to tank
- High strength steel alloy gear and shaft set
- Special pressure balanced wear plates maintain high efficiency throughout all operating ranges
- Doweled and high strength cast iron construction
- A wide range of porting, mounting, and shaft options available
- Cubic inch displacements from 0.62 through 2.48 (10.1 through 40.63 cc)
- Working pressure up to 3500 PSI (241 Bar, 24 Mpa)
- Speeds up to 3000 RPM
- 100% factory tested per application specifications

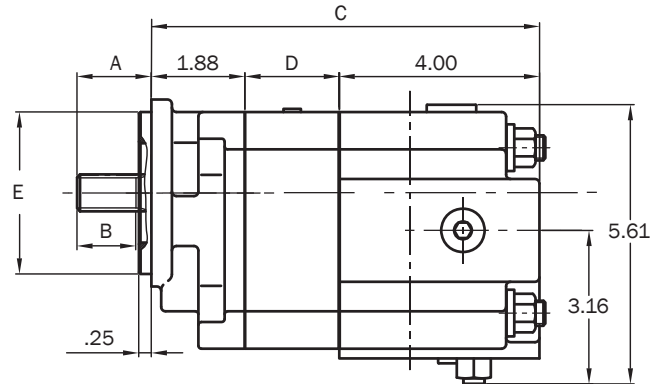


The Sensible Choice

Dimensional Data (inches)

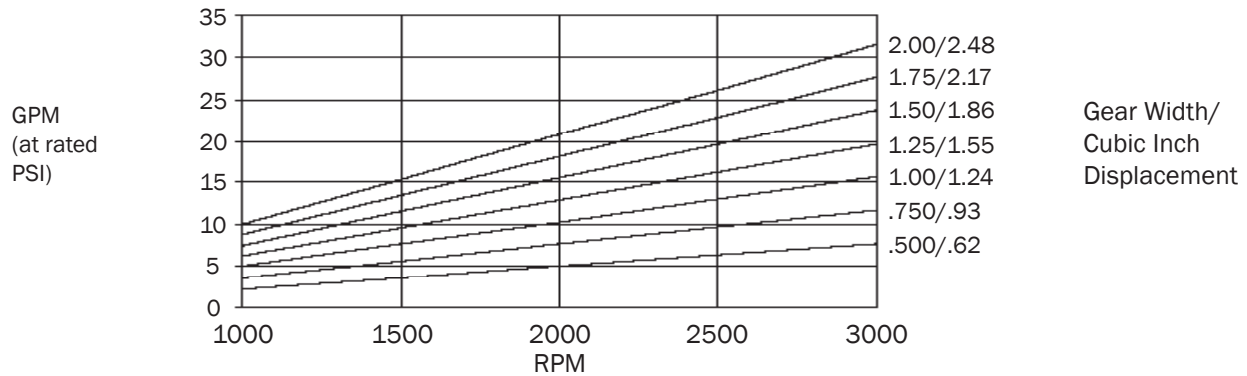


- A. 1.50" ANSI B92.1-96 11 Spline shaft shown, other shafts available.
- B. 1.18" 11 Spline shaft shown, other shafts available.
- C. 6.28" plus gear width.
- D. 0.4" plus gear width.
- E. 3.250" SAE-A-2 bolt shaft end cover shown, other shaft end covers available.



Ports available in SAE Straight Thread (O-ring), BSPP and Metric Straight Thread, consult factory for all options not shown.

P124 Performance Chart/Specifications



GEAR WIDTH (IN)	DISPL CU IN/CC	MAX RPM	MIN RPM	MAX PSI/BAR
.500	.62/10	3000	600	3500/241
.750	.93/15	3000	600	3500/241
1.00	1.24/20	3000	600	3500/241
1.25	1.55/25	3000	600	3500/241
1.50	1.86/30	3000	600	3300/227
1.75	2.17/35	3000	600	2900/200
2.00	2.48/40	3000	600	2500/172

In accordance with our policy of continued product development, we reserve the right to change specifications without notice. The data is average test data and should not be misconstrued to represent performance of each units.

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