

PERMCO

M257

257 SERIES MOTORS

MEDIUM DISPLACEMENT SLEEVE BUSHING MOTORS



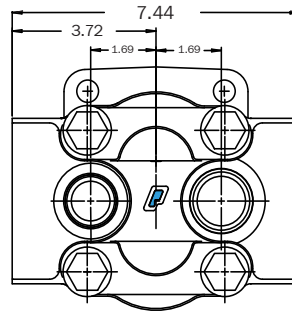
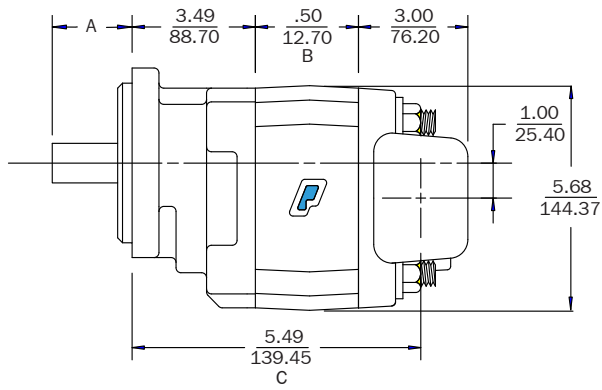
257 SERIES FEATURES

- Heavy duty sleeve bushing design in a medium frame size
- Cubic inch displacements from 1.29 through 6.43
- Working pressure up to 3500 PSI
- Speeds up to 2400 RPM
- Torque up to 2300 in-lbs
- Doweled and high strength cast iron construction
- 100% factory tested
- High strength alloy steel gear and shaft sets
- A wide range of porting, mounting, and shaft options available
- Pressure balanced wear plates maintain high pump efficiency throughout all operating ranges
- Available in both single and tandem units

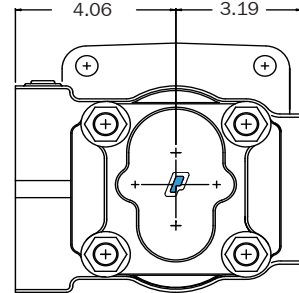
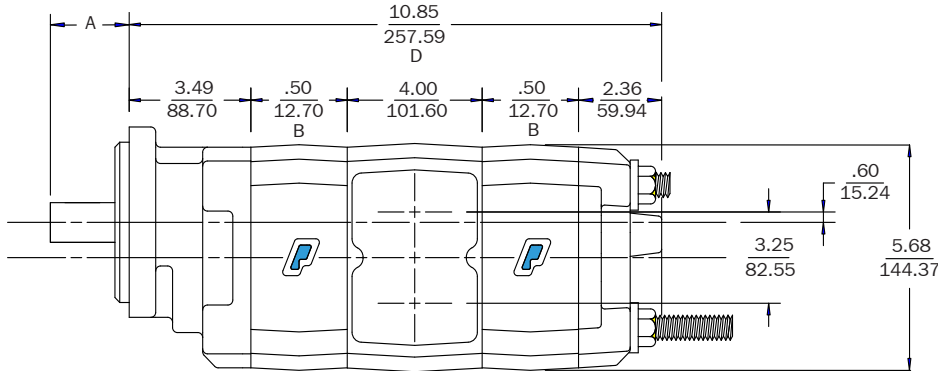


The Sensible Choice

Dimensional Data (inches)



- A. See bushing series catalog for lengths and dimensions
- B. 0.50" plus gear width
- C. 5.49" plus gear width
- D. 10.85" plus total gear width



Pump dimensions shown; motor port end cover and bearing carrier dimensions may vary slightly; consult factory.

M257 Performance Data @ Rated Pressure

Speed (rpm)	Gear Width									
	1.000"		1.250"		1.500"		1.750"		2.000"	
	Flow (gpm)	Torque (in-lb)	Flow (gpm)	Torque (in-lb)	Flow (gpm)	Torque (in-lb)	Flow (gpm)	Torque (in-lb)	Flow (gpm)	Torque (in-lb)
900	13.25	1242	16.00	1605	18.50	1950	21.25	2142	23.50	2262
1200	17.00	1250	19.50	1610	23.25	1962	26.75	2150	30.50	2260
1500	20.50	1237	24.25	1605	26.50	1980	32.50	2132	36.50	2230
1800	23.50	1210	28.50	1560	34.00	1900	38.50	2060	43.50	2165
2100	26.25	1180	32.50	1522	38.50	1840	44.00	2005	51.00	2100
2400	30.00	1142	36.50	1475	43.50	1792	50.50	1955	56.00	2050

Speed (rpm)	Gear Width			
	2.250"		2.500"	
	Flow (gpm)	Torque (in-lb)	Flow (gpm)	Torque (in-lb)
900	26.50	2342	28.50	2362
1200	33.50	2340	36.50	2360
1500	41.00	2310	45.00	2330
1800	48.50	2229	53.50	2260
2100	56.25	2160	62.50	2178
2400	63.50	2107	69.00	2128

Performance data given is based on a series of test with ISO 32 Oil @ 120°F and is not representative of any one unit.

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