



**TECHNICAL SPECIFICATIONS**



**7600 SERIES**

Large displacement roller bearing pump and motor



**PUMP PERFORMANCE CHART [gpm]**

**GEAR WIDTH [in]**

SPEED [rpm]	GEAR WIDTH [in]										
	1/2	3/4	1	1 1/4	1 1/2	1 3/4	2	2 1/4	2 1/2	2 3/4	3
600	—	—	7.5	10.0	12.5	14.5	17.5	20.0	23.5	27.0	29.0
900	—	—	—	—	—	—	—	—	—	—	—
1000	—	—	14.5	19.0	23.0	27.0	31.0	35.5	39.0	44.0	49.0
1200	—	—	17.5	22.5	27.5	32.5	37.5	42.5	47.0	53.0	59.0
1500	—	—	22.5	28.5	34.5	41.0	47.5	53.0	59.0	66.0	73.0
1800	—	—	27.5	35.0	42.0	50.0	57.0	64.0	71.0	79.0	87.5
2100	—	—	32.5	41.0	49.0	59.0	67.0	74.5	82.5	92.0	101.5
2400	—	—	37.5	47.0	56.5	67.5	76.5	85.5	94.5	105.0	116.0
Max RPM	—	—	2400								
Displacement (in <sup>3</sup> )	2.02	3.03	4.04	5.06	6.07	7.08	8.09	9.10	10.10	11.10	12.10
Displacement (cc)	33.10	49.70	66.20	82.90	99.50	116.00	132.60	149.10	165.50	181.90	198.30
Max Operating PSI	3000					2500				2000	

**SPECIFICATIONS**

Series	Type	Frame Size	Displacement	Max RPM	GPM @ 1000RPM	Max PSI
7600	Bearing	Large	2.05-12.1	2400	8.5-52	3000

# 7600 SERIES

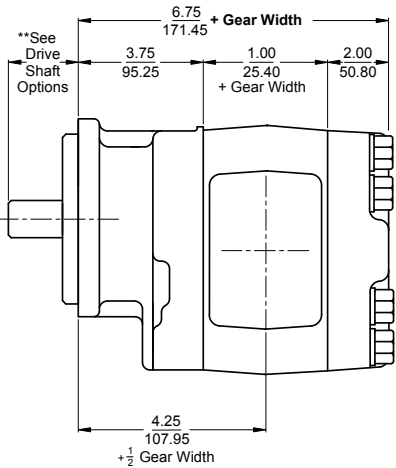
## MOTOR PERFORMANCE CHART

GEAR WIDTH [in]

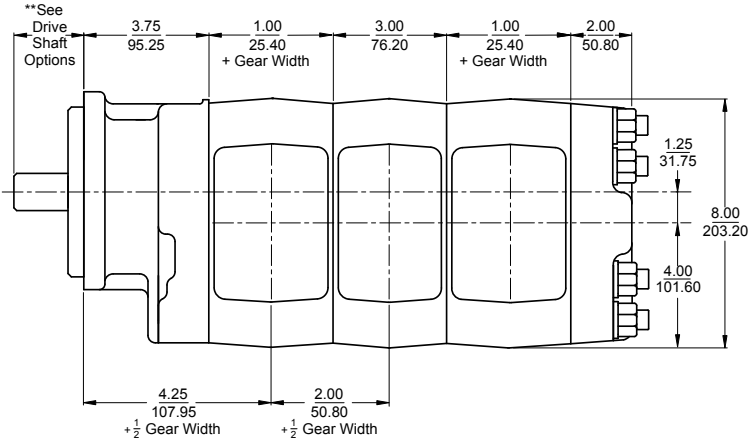
M7600@ 2000 PSI

SPEED [rpm]	1			1 1/2			2			2 1/2			3		
	Input (GPM)	Output Torque (in-lb)	Output (HP)	Input (GPM)	Output Torque (in-lb)	Output (HP)	Input (GPM)	Output Torque (in-lb)	Output (GPM)	Input (GPM)	Output Torque (in-lb)	Output (GPM)	Input (GPM)	Output Torque (in-lb)	Output (GPM)
800	19.5	1100	14.5	28	1700	22	34.5	2270	29	42	2930	37.5	49.5	3700	47
1000	23	1095	17.5	33	1690	27	42	2265	36	51	2915	46.5	61	3690	58.5
1200	26.5	1090	20	38	1680	31	49	2260	42.5	60	2900	54.5	72.5	3680	69
1800	34	1040	26	49.5	1650	41	64	2220	55.5	78	2840	71.5	94	3570	89.5
2000	41	970	30.5	59.5	1600	50	78.5	2180	68	96.5	2760	87	115	3430	109

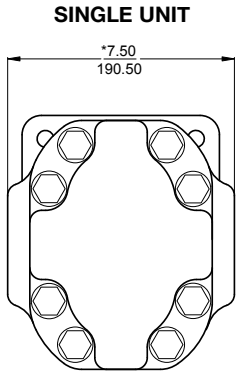
## DIMENSIONAL DATA



SINGLE UNIT



MULTIPLE UNIT



SINGLE UNIT

**DISCLAIMER** Consult your Permco Representative or the factory for operation below 600 or above 2400 RPM and temperatures above 180°F. Oil Viscosity: 150 SUS (32.1 cSt.) at 100°F (37.8°C) | Oil Temperature: 150°F (65.5°C)



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