

INDUSTRIAL GEAR PUMP

MODEL GP HYT-0

Model GP-HYT0 is a completely aluminum assembly, high pressure mini hydraulic gear pump with 12 displacement sizes from 0.009 - 0.120 in³/rev. (0.16 - 2.00 cm³/rev). The standard mounting flange is as detailed on the installation drawing and porting is any combination of rear, front or side.

Recommended working conditions:

FILTRATION: 25 micron or better

OIL VISCOSITY: 7 - 700 cSt

INLET PRESSURE: 12 - 32 psi absolute

OIL TEMP: -25° - 80° C (-12° - 175° F)

AMBIENT -22° - 55° C (-8° - 130° F)



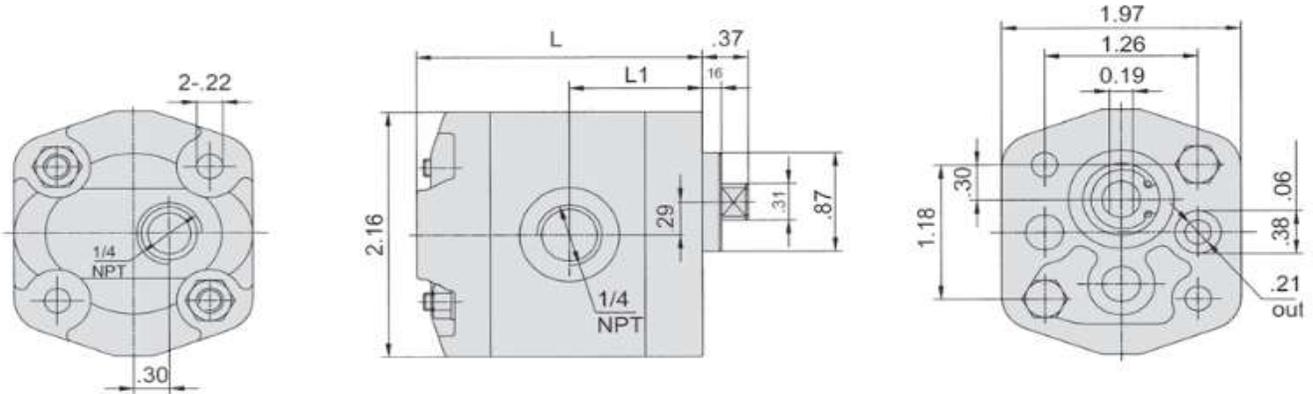
Technical Specifications

Model	Displacement	Pressure		Speed (rpm)		Weight (in lbs.)
	In ³ cm ³ / rev	Rated	Max	Rated	Max	
GP-HYT0-016	0.009 (0.16)	2750	3335	2000	7000	0.82
GP-HYT0-025	0.015 (0.25)	2750	3335	2000	7000	0.84
GP-HYT0-038	0.023 (0.38)	2750	3335	2000	7000	0.85
GP-HYT0-050	0.030 (0.50)	2750	3335	2000	7000	0.87
GP-HYT0-070	0.043 (0.70)	2750	3335	2000	7000	0.90
GP-HYT0-075	0.045 (0.75)	2750	3335	2000	7000	0.91
GP-HYT0-084	0.051 (0.84)	2750	3335	2000	6000	0.91
GP-HYT0-100	0.060 (1.00)	2750	3335	2000	6000	0.92
GP-HYT0-125	0.080 (1.25)	2750	3335	2000	5000	1.00
GP-HYT0-150	0.090 (1.50)	2750	3335	2000	4000	1.04
GP-HYT0-175	0.110 (1.75)	2750	3335	2000	4000	1.08
GP-HYT0-200	0.120 (2.00)	2750	3335	2000	3500	1.13

Flow rate (gpm) = Displacement (in³/rev) X Speed (rpm) / 231

Volumetric efficiency % >= 93

Installation Data



Model	L	L1
GP-HYT-0016	2.40"	1.20"
GP-HYT0-025	2.44"	1.22"
GP-HYT0-038	2.46"	1.23"
GP-HYT0-050	2.48"	1.23"
GP-HYT0-070	2.56"	1.28"
GP-HYT0-075	2.59"	1.30"
GP-HYT0-084	2.63"	1.31"
GP-HYT0-100	2.67"	1.34"
GP-HYT0-125	2.79"	1.40"
GP-HYT0-150	2.87"	1.44"
GP-HYT0-175	2.95"	1.48"
GP-HYT0-200	3.03"	1.51"