

Hydro gear typ HGM-15E-3138



PRODUCT NO.: 9614

Location: 19D

Condition: New

Brand: Hydro Gear

Description

price each (see enclosed)

Gallery





HGM MOTOR OVERVIEW

Code numbers and weight

Type	HGM-12P	HGM-12E	HGM-15E	HGM-18E	HGM-24E
Rotation rev	-7172	-3050	-3051	-3052	-3053
Rotation rev	-7172	-3054	-3055	-3056	-3057
Weight lb [kg]	14.6 [6.6]	21.9 [9.9]	22.6 [10.3]	23.6 [10.7]	25.0 [11.3]

Motor Series Configuration
12, 15, 18, 24

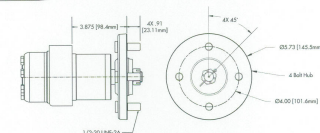
Technical data

Type	HGM-12P	HGM-12E	HGM-15E	HGM-18E	HGM-24E
Motor Size	12P	12E	15E	18E	24E
Geometric Displacement cu in [cc]	11.87 [194.5]	12.09 [198.2]	15.14 [248.1]	18.92 [310.1]	23.84 [390.7]
Max. Speed rpm [min-1]	cont. 310 [510]	300 [500]	241 [361]	190 [300]	150 [240]
Max. Torque in-lb [daN-m]	cont. 3190 [36]	4160 [47]	4314 [51]	4602 [52]	4848 [55]
Max. Output hp [kW]	cont. 4780 [54]	5045 [57]	5664 [64]	6590 [74]	7523 [85]
Max. Pressure Drop psi [bar]	cont. 15.5 [1.0]	14.8 [1.1]	13.4 [1.0]	10.7 [0.8]	9.4 [0.7]
Max. Oil Flow gpm [l/min]	cont. 16.0 [60]	16.0 [60]	16.0 [60]	16.0 [60]	16.0 [60]
Max. Starting Pressure with unloaded shaft psi [bar]	cont. 3000 [34]	3717 [42]	4071 [46]	4160 [47]	4602 [52]
Min. Starting Torque in-lb [daN-m]	cont. 3710 [42]	4071 [46]	4602 [52]	5045 [57]	5930 [67]
Min. Continuous Speed rpm [min-1]	7 [P]	5 [E]	5 [E]	5 [E]	5 [E]
Shaft	1" tapered	1.25" tapered	1.25" tapered	1.25" tapered	1.25" tapered

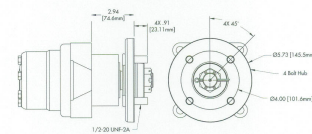
Type	Max. inlet pressure	Max. return pressure
HGM - E Series	cont. 3046 [210]	3046 [210]
HGM - P Series	cont. 2538 [175]	2538 [175]

1) Intermittent operation; the permissible values may occur for max. 10% of every minute.
2) Peak load; the permissible values may occur for max. 1% of every minute.
3) Operation at lower speeds may be slightly less smooth.

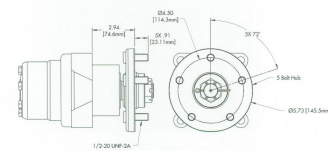
HGM-E MOTOR HUB REFERENCE DIMENSIONS



71134 4 BOLT HUB (HGM-P)

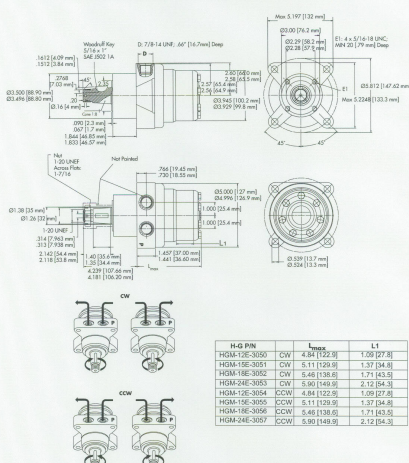


71027 4 BOLT HUB (HGM-E)



71028 5 BOLT HUB (HGM-E)

HGM-E REFERENCE DIMENSIONS



Note: Dimensions for unpainted motors.
Front pilot point thickness: .006 in [0.150 mm]
Rear pilot point thickness: .008 in [0.200 mm]
Nut Torque: 295 lb-ft [411 lb-ft] [400N-m] [1.54N-m]