



Gearcon Motor Assembly

Model G-9: 8" 7/8 Lobe 4.0 Stage Hard Rubber

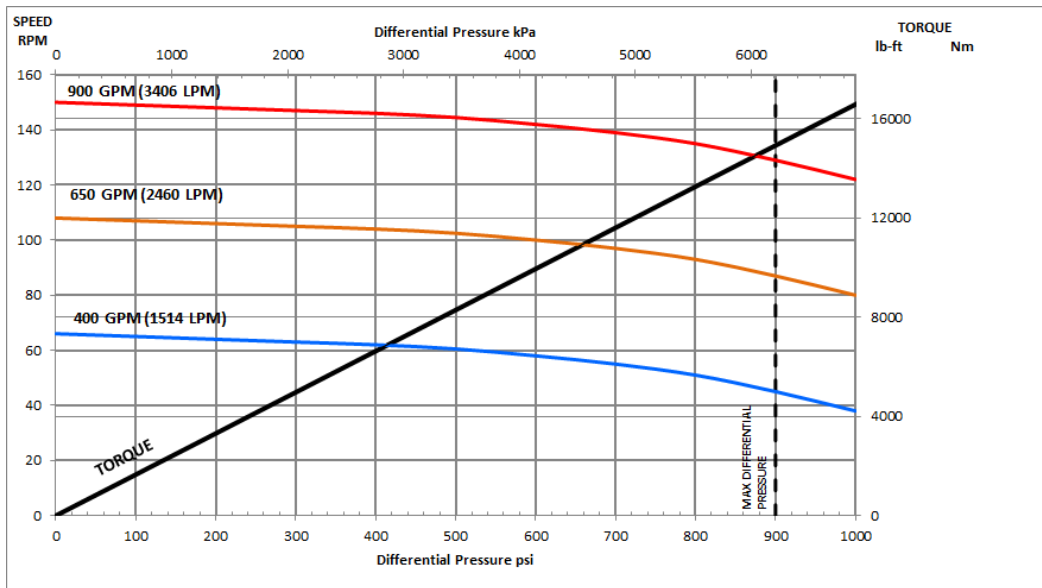
Gearcon G-9 model mud motor offers oil lubricated sealed and pressure balanced Bearing Assembly and unique vibration free transmission. It is designed with a focus on performance and reliability. Large diameter internal components are integrated into the proprietary design to provide a high torque motor with very high on and off bottom load capacity.

By providing both in-house manufacturing and service, Gearcon is able to offer this superior drilling motor at competitive rates.

Specifications		
Flow Range	400 - 900 gpm	1510 - 3410lpm
Revolutions per Volume	0.166 rev/gal	0.044 rev/l
Speed Range	66 - 150 rpm	
Max. Differential Pressure	900 psi	6,210 kPa
Torque @ Max. Diff. Pressure	14,930 lb-ft	20,240 Nm
Bit Box to Stabilizer	20 in	0.51 m
Bit Box to Bend	68 (76)* in	1.73 (1.93)* m
Bit Box to Top Sub	357 in	9.07 m
Maximum Dynamic Weight On Bit	205,000lb	910kN
Max. Dynamic Pull to Re-Run Motor	112,000lb	500kN
Max. Static Pull to Re-Run Motor	380,000lb	1,690kN
Pull to Yield Motor	1,000,000lb	4,450kN

*With Adjustable Bend Housing

Predicted Build Rates - Degrees/100 ft (30 m)															
Bend Setting				0.39	0.78	1.15	1.5	1.83	2.12	2.38	2.6	2.77	2.9	2.97	3.00
Slick	Hole Size	9.875"	200 mm	0.6	2.9	5.0	7.1	9.5	11.6	13.4	15.0	16.2	16.9	17.4	17.5
		10.625"	216 mm	-	1.7	3.8	5.8	8.0	10.1	11.8	13.2	14.5	15.4	15.9	16.1
		12.25"	222 mm	-	-	0.6	2.6	4.9	6.8	8.6	10.0	11.2	12.0	12.5	12.7
Single Stabilizer	Hole Size	9.875"	200 mm	2.3	4.5	7.0	9.6	12.1	14.4	16.5	18.2	19.6	20.5	21.3	21.5
		10.625"	216 mm	2.5	4.4	6.5	9.1	11.7	14.0	16.1	17.8	19.2	20.1	20.8	21.0
		12.25"	222 mm	3.4	5.4	7.5	9.4	11.2	13.1	15.2	16.9	18.3	19.2	19.8	20.0



Performance curves and values for reference only, actual values will vary depending on fit, temperature, fluid and other drilling conditions.