



Gearcon Motor Assembly

Model G-9HT 5" 7/8 Lobe 3.7 Stage Hard Rubber

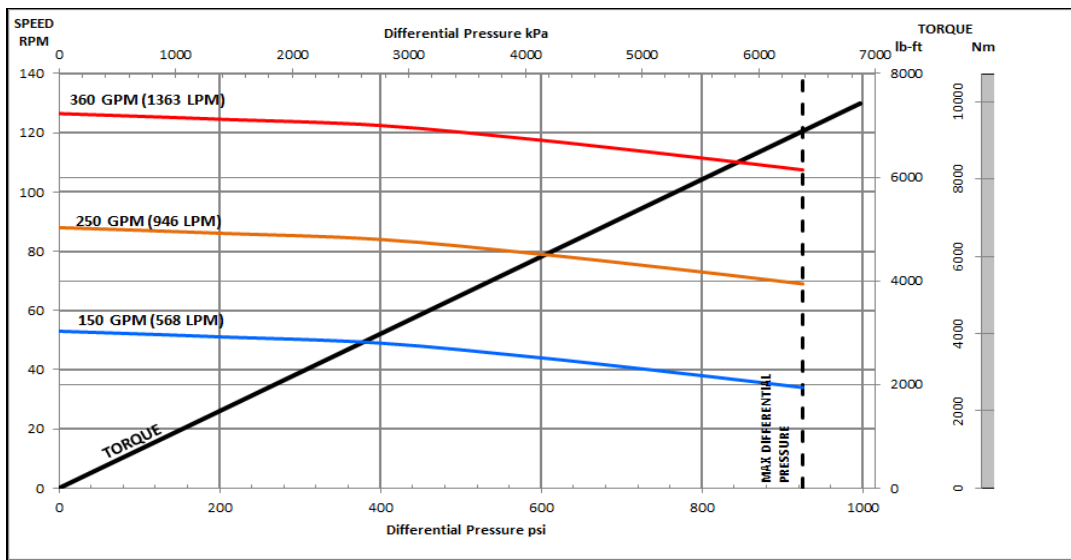
Gearcon G-9HT model mud motor offers oil lubricated sealed and pressure balanced Bearing Assembly and unique vibration free transmission. It is designed with focus on performance and reliability. Large diameter internal components are integrated into the proprietary design to provide a high torque motor 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	150 - 360 gpm	568 - 1363 lpm
Revolutions per Volume	0.35 rev/gal	0.092 rev/l
Speed Range	53 - 123 rpm	
Max. Differential Pressure	925 psi	6,378 kPa
Torque @ Max. Diff. Pressure	6,894 lb-ft	9,347 Nm
Stall Torque	13,788 lb-ft	18,694 Nm
Bit Box to Stabilizer	11 in	0.28 m
Bit Box to Bend	58 (64)* in	1.47 (1.63)* m
Bit Box to Top Sub	345 in	8.76 m
Maximum Dynamic Weight On Bit	90,000 lb	400 kN
Max. Dynamic Pull to Re-Run Motor	60,000 lb	267 kN
Max. Static Pull to Re-Run Motor	170,000 lb	756 kN
Pull to Yield Motor	440,000 lb	1,950 kN

*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	6"	152 mm	1.1	3.7	6.1	8.4	10.5	12.4	14.1	15.6	16.7	17.5	18	18.2
		6.25"	159 mm	0.5	3	5.5	7.7	9.9	11.8	13.5	14.9	16	16.9	17.3	17.5
		6.75"	171 mm	-	1.8	4.2	6.5	8.6	10.5	12.2	13.7	14.8	15.6	16.1	16.3
Single Stabilizer	Hole Size	6"	152 mm	1.5	4.3	7.1	9.7	12.3	14.5	16.4	18.1	19.4	20.4	20.9	21.1
		6.25"	159 mm	1.7	4.2	7	9.6	12.2	14.4	16.3	18	19.3	20.3	20.8	21
		6.75"	171 mm	1.9	4	6.7	9.3	11.8	14	16	17.7	19	20	20.5	20.7



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