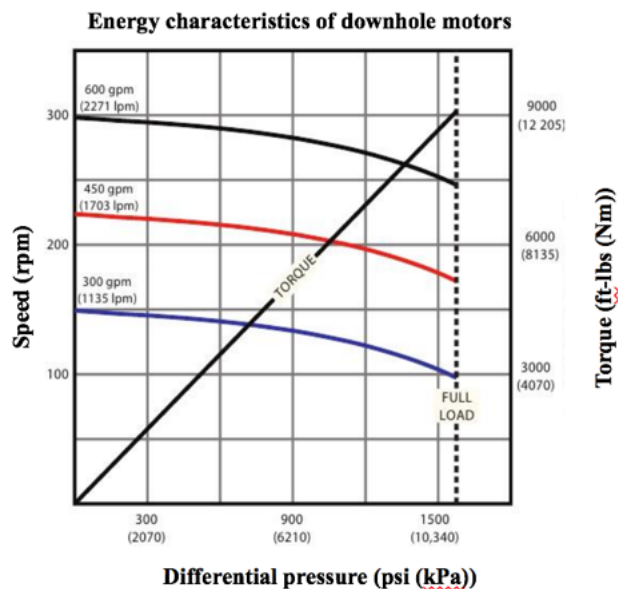


Downhole Motor 4/5 7.0 HR

	Metric	Imperial
Flow Range	19-38 l/s	300 – 600 gallons/minute
Speed Range	149-300 rpm	149-300 rpm
Speed Ratio	0.131 r/l	0.497 /gallon
Recommended Max Differential Pressure	10 860 kPa	1 580 psi
Torque Ratio	1.135 Nm/kPa	5.77 ft lb/psi
Torque at Recommended Max Differential	12 330Nm	9 090 ft lb
Stall Torque	18 490 Nm	13 630 ft lb
Bit Box to Bend	-	-
Standard Bit Box Thread	-	-
Max WOB	39 000 daN	87 000 lbs
Max Pull while back Reaming	39 000 daN	87 000 lbs
Absolute Overpull	266 000 daN	597 000 lbs
Tool Weight	1 135 kg	2 500 lbs
Length	8.66 m	28.4 ft
Adjustable Torque(S22)	47 450 Nm	35 000 ft lbs
Hole size	216-250 mm	8 1/2” – 9 7/8”
Upper connecting thread	NC 50 (4 1/2” IF) (3-133)	NC 50 (4 1/2” IF) (3-133)
Bit Box Thread	4 1/2” Reg (3-117)	4 1/2 “ Reg (3-117)
Adjustable Torque (S14)	-	-
Stabilizer Torque	16 300 Nm	12 000 ft lbs
Stabilizer Size	212.7 mm	8 3/8”
Bit Box to Bend - ABH	1.63 m	5.34 ft
Bit Box to Bend - FBH	1.32 m	4.32 ft



The actual operating time of the motor depends on the dynamic work situation at the well: the condition of the drilling mud, the drilling rig, the hydraulics, loads, rocks, and the drilling dynamic forces. Approximate average operating time may be 160~180 hours for normal operation.