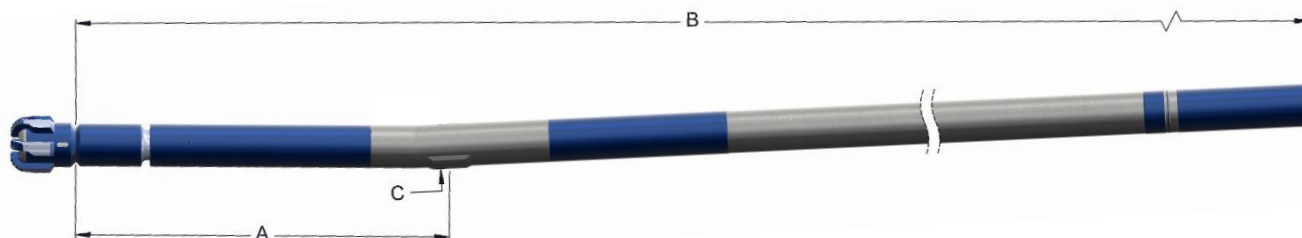


# HEX MOTOR®

## 525HT-ML 7/8 Lobe 5.7 Stage TECHNICAL SPECIFICATIONS



Motor Dimensions

Bit to Bend	A	46 in (1.17 m)
Bit to Top Sub	B	345 in (8.76 m)
Radius @ Pad	C	2.78 in (71 mm)
	C-1	2.88 in (73 mm)
Straight/Slick Motor OD		5.25 in (133 mm)
Top Connection Options		DS38, DS40, XT39
Bottom Connection		3.5 Reg

Predicted Build Rates Degrees/100ft (30m)

FBH Deg	Slick Hole Size			
	C 6 (152 mm)	C 6.125 (156 mm)	C-1 6.25 (159 mm)	C-1 6.75 (171 mm)
1.50°	12.5	12.2	11.9	11.5
1.75°	14.6	14.2	13.9	13.4
2.00°	16.7	16.2	15.9	15.32

Performance Details

NBR-HPW	
Max Diff Press psi (kPa)	1,340 (9,300)
Max Torque ft-lb (Nm)	6,350 (8,700)
Stall Torque ft-lb (Nm)	10,000 (13,600)
Stall Diff Press psi (kPa)	2,110 (14,000)

Performance Specifications

Speed Ratio	0.520 Rev/Gal (0.1374 Rev/Litre)
Speed Range	105 to 205 RPM
Flow Range	200 to 400 GPM (750 to 1500 LPM)
Bearing Load (Dynamic)	49,800 Lbs 22,120 daN
Bearing Load (Static)	226,240 Lbs 100,600 daN
Max Overpull	447,000 Lbs 198,800 daN
Max Overpull for Re-Run	313,000 Lbs 139,200 daN

Special Features

Torsional Capacity	
Hex Drive™ (Drive Line Assembly)	16,200 Ft-lb (22000Nm)
IDS High Torque Body Connections	30,100 Ft-lb (40,800Nm)

