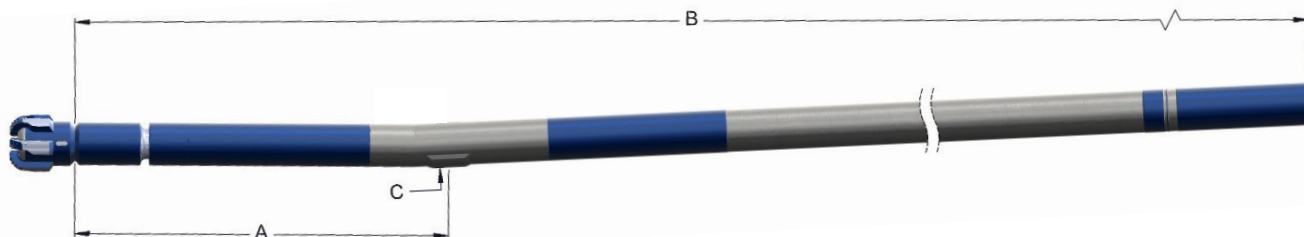


# HEX MOTOR®

## 525HT-ML 6/7 Lobe 8.8 Stage TECHNICAL SPECIFICATIONS



Motor Dimensions

Bit to Bend	A	46 in (1.17 m)
Bit to Top Sub	B	374 in (9.50 m)
Radius @ Pad	C	2.78 in (71 mm)
	C-1	2.88 in (73mm)
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	Slick Hole Size			
	C	C	C-1	C-1
Deg	6	6.125	6.25	6.75
	(152 mm)	(156 mm)	(159 mm)	(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

■ NBR ■ NBR-HPX/HPW ■ Torque

Performance Details

NBR-HPW	
Max Diff Press psi (kPa)	2,070 (14,300)
Max Torque ft-lb (Nm)	7,660 (10,400)
Stall Torque ft-lb (Nm)	12,060 (16,400)
Stall Diff Press psi (kPa)	3,260 (22,500)

Performance Specifications

Speed Ratio	0.660 Rev/Gal (0.174 Rev/Litre)
Speed Range	100 to 260 RPM
Flow Range	150 to 400 GPM (570 to 1520 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	35,300 Ft-lb (47800Nm)

