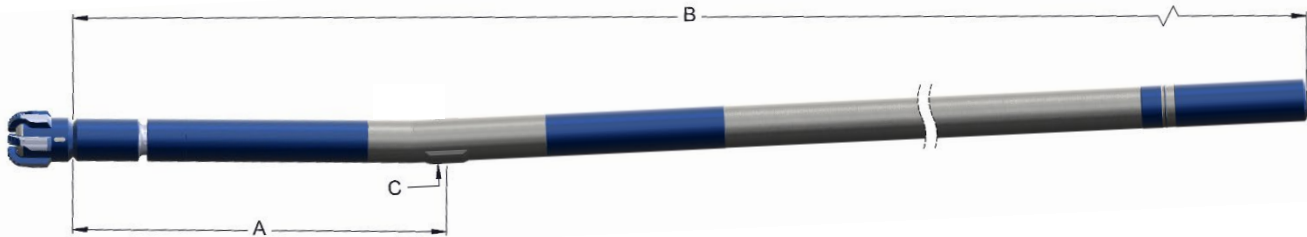


HEX MOTOR®

525HT-ML 7/8 Lobe 8.3 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	

Performance Details

NBR-HPW/HPO	
Max Diff Press psi (kPa)	1,960 (13,500)
Max Torque Ft-lb (Nm)	9,370 (12,700)
Stall Torque Ft-lb (Nm)	14,750 (20,000)
Stall Diff Press psi (kPa)	3,080 (21,200)

Performance Specifications

Speed Ratio	0.480 Rev/Gal (0.127 Rev/Litre)
Speed Range	100 to 190 RPM
Flow Range	200 to 400 GPM (760 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)

Predicted Build Rates Degrees/100ft (30m)

Slick Hole Size

FBH	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-HPW/HPO)

■ Torque

