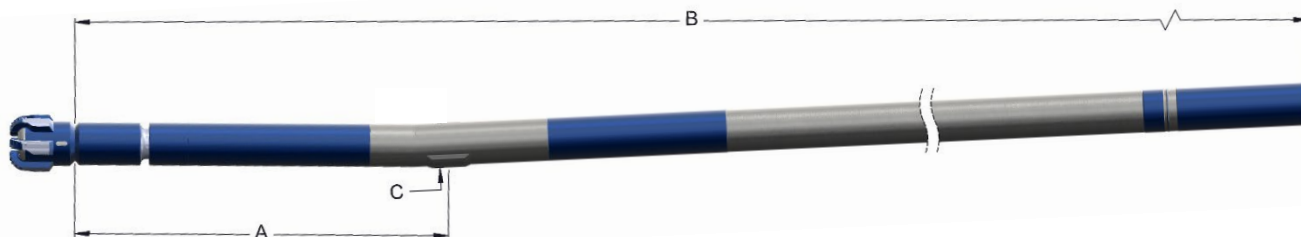


HEX MOTOR

525HT-ML 2/3 Lobe 9.0 Stage TECHNICAL SPECIFICATIONS



Motor Dimensions

Bit to Bend	A	46 in (1.17 m)
Bit to Top Sub	B	303 in (7.70 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)	2,120 (14,600)
Max Torque Ft-lb (Nm)	1,860 (2,600)
Stall Torque Ft-lb (Nm)	2,920 (4,000)
Stall Diff Press psi (kPa)	3,340 (23,000)

Performance Specifications

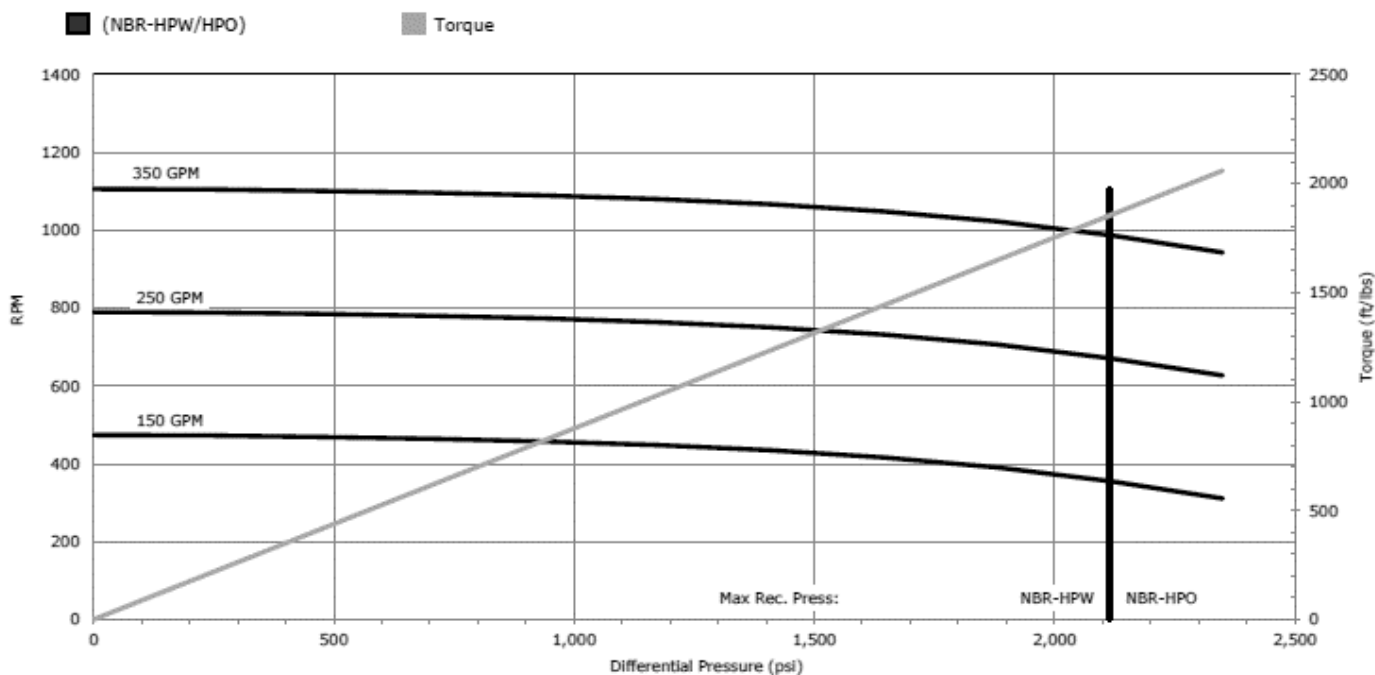
Speed Ratio	3.160 Rev/Gal (0.8348 Rev/Litre)
Speed Range	470 to 1110 RPM
Flow Range	150 to 350 gpm (570 to 1320 lpm)
Bearing Load (Dynamic)	24,900 Lbs 11,800 daN
Bearing Load (Static)	226,240 Lbs 100,600 daN
Max Overpull	447,000 Lbs 198,800 daN
Max Overpull for Re-Run	313,000 Lbs 139,200 daN

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)

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



IMPULSE DOWNHOLE TOOLS