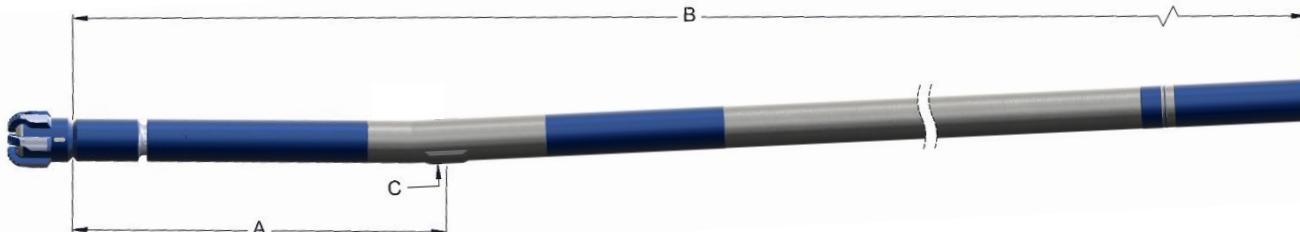


HEX MOTOR®

525HT-ML 4/5 Lobe 10.3 Stage
TECHNICAL SPECIFICATIONS

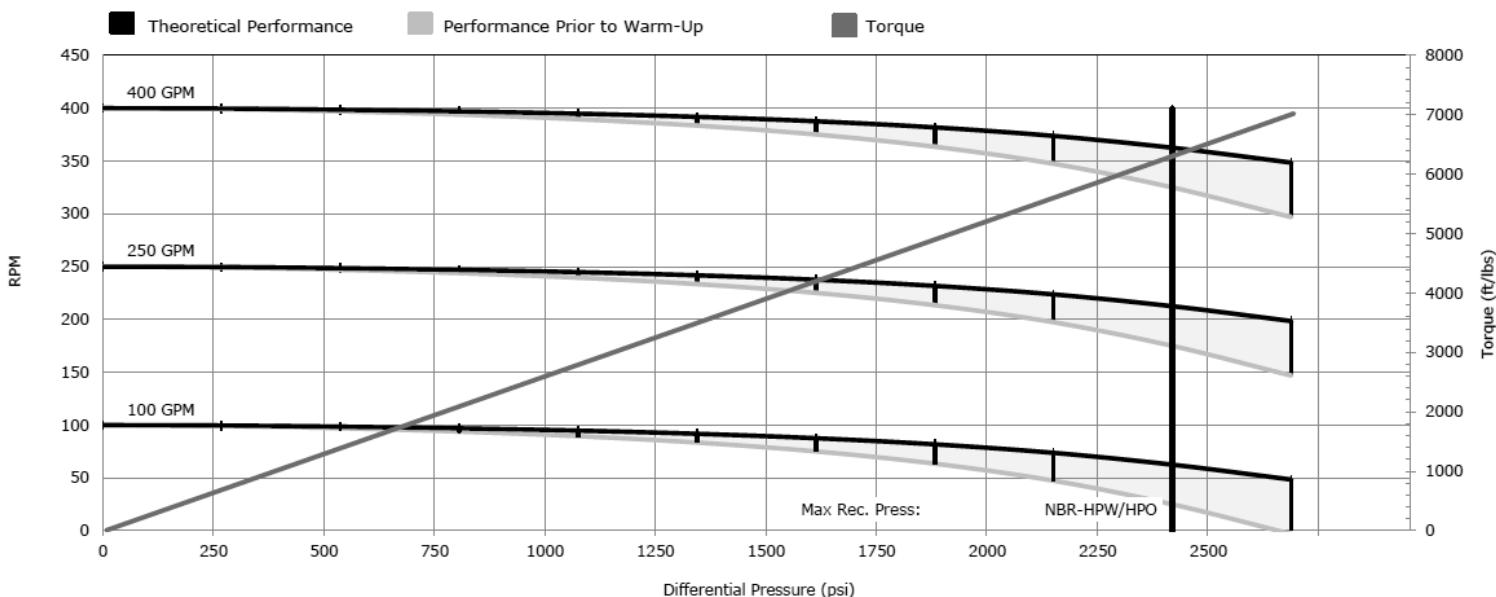
Motor Dimensions

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 (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	Slick Hole Size			
	C 6 (152 mm)	C 6.125 (156 mm)	C-1 6.25 (159 mm)	C-1 6.75 (171 mm)
Deg				
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)		2,430 (16,700)
Max Torque ft-lb (Nm)		6,320 (8,600)
Stall Torque ft-lb (Nm)		9,960 (13,500)
Stall Diff Press psi (kPa)		3,820 (26,300)
Performance Specifications		
Speed Ratio	1.0 Rev/Gal	(0.2642 Rev/Litre)
Speed Range	100 to 400 RPM	
Flow Range	100 to 400 GPM	(380 to 1510 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)	



IMPULSE DOWNHOLE®

HEX DRIVE®

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