

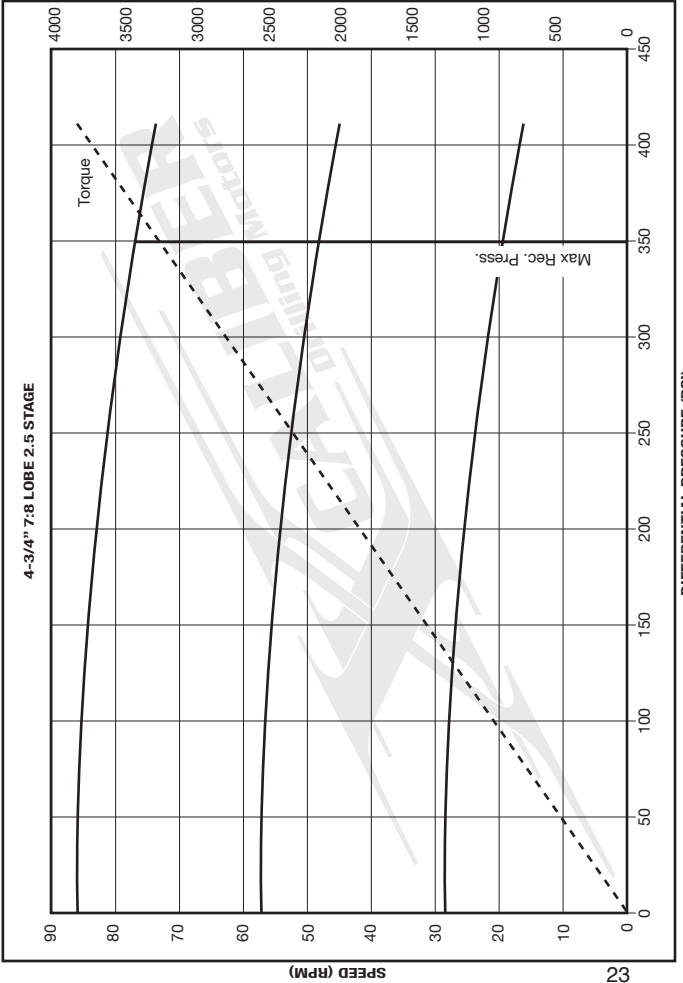
**4-3/4"****7:8 Lobe****2.5 Stage****Motor Specifications**

<b>Flow Rate</b>	100 - 250 gpm	379 - 946 lpm
<b>Rev. Per Gallon</b>	0.29	
<b>Bit Speed</b>	29 - 87 rpm	
<b>Maximum Power</b>	47 hp	108 kW
<b>Maximum Torque</b>	3,750 lb-ft	3,864 N-m
<b>Maximum Torque at Full Load</b>	3,350 lb-ft	2,915 N-m
<b>Diff. Pressure at Max. Torque</b>	775 psi	4,137 kPa
<b>Diff. Pressure at Full Load</b>	350 psi	3,103 kPa
<b>Maximum Bit Pressure Drop</b>	1,500 psi	10,300 kPa
<b>Maximum Weight on Bit</b>	25,000 lbs	111 kN
<b>Maximum Pull to Re-Run Motor</b>	100,000 lbs	445 kN
<b>Pull to Yield Motor</b>	300,000 lbs	1,334 kN
<b>Bit to Bend</b>	46 in	1,168 mm
<b>Length</b>	16.7 ft	5.08 m
<b>Weight</b>	870 lbs	395 Kg
<b>Top Connection (Box)</b>	3-1/2 Reg / 3-1/2 IF	
<b>Bit Connection (Box)</b>	3-1/2 Reg	

**Predicted ABH Build Rate – Degrees / 100 ft (30m)**

Bend Angle Deg	Slick Assembly Hole Size			Single Stabilizer Hole Size		
	6"	6-1/8"	6-3/4"	6"	6-1/8"	6-3/4"
0.31	0.00	0.00	0.00	4.89	5.28	7.22
0.62	0.00	0.00	0.00	8.60	8.99	10.92
0.93	3.07	2.03	0.00	12.32	12.70	14.62
1.22	7.37	6.32	1.20	15.79	16.18	18.08
1.50	11.51	10.46	5.33	19.15	19.53	21.42
1.76	15.36	14.31	9.16	22.27	22.65	24.52
2.00	18.91	17.86	12.70	25.15	25.52	27.39
2.23	22.32	21.26	16.09	27.90	28.28	30.13
2.42	25.13	24.07	18.99	30.18	30.55	32.40
2.60	27.79	26.73	21.54	32.34	32.71	34.55
2.74	29.87	28.81	23.60	34.02	34.39	36.22
2.85	31.50	30.43	25.23	35.34	35.71	37.54
2.93	32.68	31.62	26.41	36.30	36.67	38.49
2.98	33.42	32.36	27.14	36.90	37.26	39.09
3.00	33.72	32.65	27.44	37.14	37.50	39.33

TORQUE (FT-LBS)



DIFFERENTIAL PRESSURE (PSI)

SPEED (RPM)