

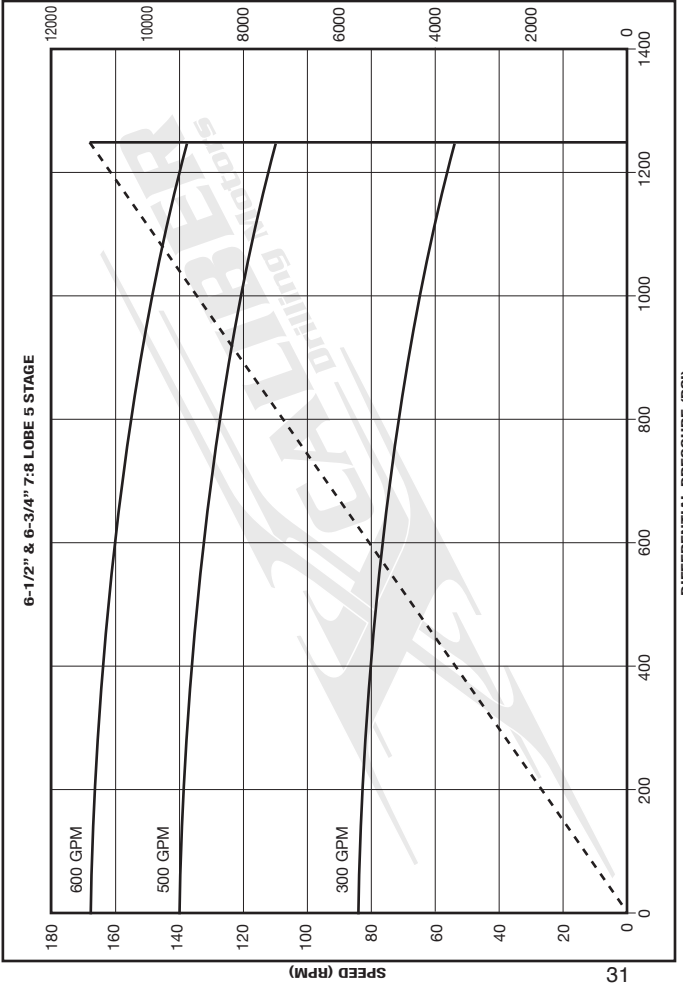
6-1/2"**7:8 Lobe****5 Stage****Motor Specifications**

Flow Rate	300 - 600 gpm	1,136 - 2,271 lpm
Rev. Per Gallon		0.28
Bit Speed	84 - 168 rpm	
Maximum Power	222 hp	141 kW
Maximum Torque	22,606 lb-ft	6,657 N-m
Maximum Torque at Full Load	11,303 lb-ft	4,895 N-m
Diff. Pressure at Max. Torque	2,000 psi	5,520 kPa
Diff. Pressure at Full Load	1,250 psi	4,140 kPa
Maximum Bit Pressure Drop	1,500 psi	10,300 kPa
Maximum Weight on Bit	50,000 lbs	222 kN
Maximum Pull to Re-Run Motor	200,000 lbs	890 kN
Pull to Yield Motor	600,000 lbs	2,669 kN
Bit to Bend	76 in	1,930 mm
Length	21.1 ft	6.43 m
Weight	1,750 lbs	794 Kg
Top Connection (Box)	4-1/2 Reg / 4-1/2 IF / 4-1/2 XH	
Bit Connection (Box)	4-1/2 Reg	

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

Bend Angle	Slick Assembly Hole Size			Single Stabilizer Hole Size		
	7-7/8"	8-1/2"	8-3/4"	7-7/8"	8-1/2"	8-3/4"
0.31	0.00	0.00	0.00	2.74	3.43	3.70
0.62	0.24	0.00	0.00	5.11	5.79	6.06
0.93	3.01	0.68	0.00	7.48	8.15	8.42
1.22	5.59	3.26	2.34	6.69	10.36	10.63
1.50	8.09	5.75	4.83	11.83	12.50	12.76
1.76	10.41	8.06	7.14	13.82	14.48	14.74
2.00	12.55	10.20	9.27	15.65	16.31	16.57
2.23	14.60	12.24	11.31	17.41	18.06	18.32
2.42	16.29	13.93	13.00	18.86	19.51	19.77
2.60	17.90	15.53	14.60	20.23	20.88	21.14
2.74	19.15	16.78	15.85	21.30	21.95	22.20
2.85	20.13	17.76	16.83	22.14	22.79	23.04
2.93	20.84	18.47	17.54	22.76	23.40	23.65
2.98	21.29	18.91	17.98	23.14	23.78	24.03
3.00	21.46	19.09	18.16	23.29	23.93	24.18

TORQUE (FT-LBS)



DIFFERENTIAL PRESSURE (PSI)

SPEED (RPM)