

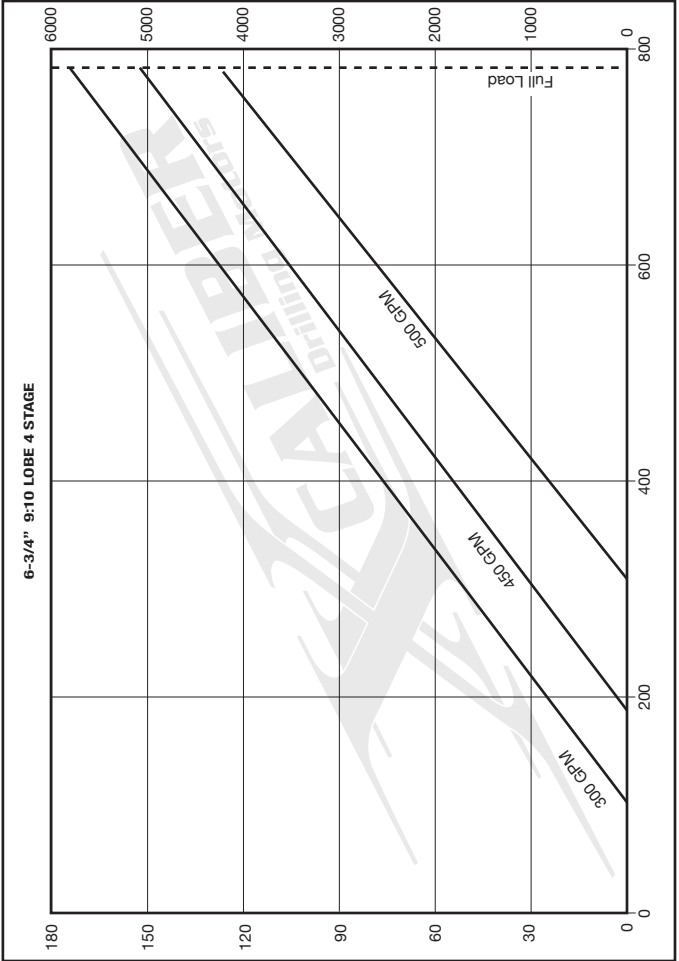
6-3/4"**9:10 Lobe****4 Stage****Motor Specifications**

Flow Rate	250 - 600 gpm	946 - 2,271 lpm
Rev. Per Gallon	0.46	
Bit Speed	50 - 180 rpm	
Maximum Power	321 hp	351.2 kW
Maximum Torque	12,400 lb-ft	16,270 N-m
Maximum Torque at Full Load	9,000 lb-ft	12,202 N-m
Diff. Pressure at Max. Torque	1,200 psi	5,516 kPa
Diff. Pressure at Full Load	600 psi	4,137 kPa
Maximum Bit Pressure Drop	1,500 psi	10,342 kPa
Maximum Weight on Bit	75,000 lbs	334 kN
Maximum Pull to Re-Run Motor	225,000 lbs	1,001 kN
Pull to Yield Motor	650,000 lbs	2,891 kN
Bit to Bend	76 in	1,930 mm
Length	21.5 ft	6.86 m
Weight	2,200 lbs	978 Kg
Top Connection (Box)	4-1/2 Reg / 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		
	8-1/2"	8-3/4"	9-7/8"	8-1/2"	8-3/4"	9-7/8"
Deg	0.00	0.00	0.00	2.02	2.43	3.64
0.31	0.00	0.00	0.00	2.66	2.87	3.82
0.62	1.42	0.58	0.00	4.78	4.99	5.93
0.93	1.62	0.83	0.00	6.90	7.11	8.04
1.22	3.90	3.11	1.58	8.89	9.09	10.02
1.50	6.10	5.31	1.82	10.81	11.01	11.93
1.76	8.14	7.35	3.86	12.59	12.79	13.70
2.00	10.03	9.23	5.74	14.23	14.43	15.34
2.23	11.84	11.04	7.54	15.80	13.01	16.90
2.42	13.33	12.53	9.02	17.11	17.31	18.20
2.60	14.75	13.95	10.43	18.34	18.54	19.43
2.74	15.85	15.05	11.53	19.30	19.50	20.38
2.85	16.71	15.91	12.39	20.05	20.25	21.13
2.93	17.34	16.54	13.01	20.60	20.80	21.68
2.98	17.73	16.93	13.41	20.94	21.14	22.02
3.00						

TORQUE (FT-LBS)



DIFFERENTIAL PRESSURE (PSI)

SPEED (RPM)