

6-3/4"**5:6 Lobe****6 Stage****Motor Specifications**

Flow Rate	300 - 600 gpm	1,136 - 2,271 lpm
Rev. Per Gallon	0.38	
Bit Speed	114 - 228 rpm	
Maximum Power	223 hp	234 kW
Maximum Torque	14,613 lb-ft	10,711 N-m
Maximum Torque at Full Load	5,750 lb-ft	8,135 N-m
Diff. Pressure at Max. Torque	2,000 psi	8,274 kPa
Diff. Pressure at Full Load	775 psi	6,205 kPa
Maximum Bit Pressure Drop	1,500 psi	10,300 kPa
Maximum Weight on Bit	75,000 lbs	333 kN
Maximum Pull to Re-Run Motor	225,000 lbs	1,000 kN
Pull to Yield Motor	650,000 lbs	2,891 kN
Bit to Bend	76 in	1,930 mm
Length	27.4 ft	8.36 m
Weight	2,900 lbs	1,315 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		
	8-1/2"	8-3/4"	9-7/8"	8-1/2"	8-3/4"	9-7/8"
0.31	0.00	0.00	0.00	2.17	2.33	3.03
0.62	0.00	0.00	0.00	4.05	4.21	4.90
0.93	1.41	0.72	0.00	5.93	6.09	6.78
1.22	3.38	2.70	0.00	7.69	7.84	8.53
1.50	5.29	4.60	1.58	9.39	9.54	10.22
1.76	7.06	6.37	3.35	10.97	11.12	11.79
2.00	8.70	8.01	4.98	12.42	12.57	13.24
2.23	10.26	9.57	6.54	13.82	13.97	14.63
2.42	11.56	10.87	7.83	14.97	15.12	15.78
2.60	12.78	12.09	9.05	16.06	16.21	16.87
2.74	13.74	13.05	10.00	16.91	17.06	17.71
2.85	14.49	13.79	10.75	17.58	17.72	18.38
2.93	15.03	14.34	11.29	18.06	18.21	18.86
2.98	15.37	14.68	11.63	18.37	18.51	19.17
3.00	15.51	14.82	11.76	18.49	18.63	19.29

TORQUE (FT-LBS)

