

**6-3/4"****9:10 Lobe****3.5 Stage****Motor Specifications**

<b>Flow Rate</b>	250 - 600 gpm	946 - 2,271 lpm
<b>Rev. Per Gallon</b>	0.18	
<b>Bit Speed</b>	45 - 99 rpm	
<b>Maximum Power</b>	135 hp	101 kW
<b>Maximum Torque</b>	8,000 lb-ft	17,897 N-m
<b>Maximum Torque at Full Load</b>	7,500 lb-ft	13,558 N-m
<b>Diff. Pressure at Max. Torque</b>	1,500 psi	4,137 kPa
<b>Diff. Pressure at Full Load</b>	575 psi	3,103 kPa
<b>Maximum Bit Pressure Drop</b>	1,500 psi	10,300 kPa
<b>Maximum Weight on Bit</b>	75,000 lbs	333kN
<b>Maximum Pull to Re-Run Motor</b>	225,000 lbs	1,000 kN
<b>Pull to Yield Motor</b>	650,000 lbs	2,891 kN
<b>Bit to Bend</b>	76 in	1,930 mm
<b>Length</b>	27.4 ft	8.36 m
<b>Weight</b>	2,900 lbs	1,315 Kg
<b>Top Connection (Box)</b>	4-1/2 Reg / 4-1/2 IF / 4-1/2 XH	
<b>Bit Connection (Box)</b>	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

