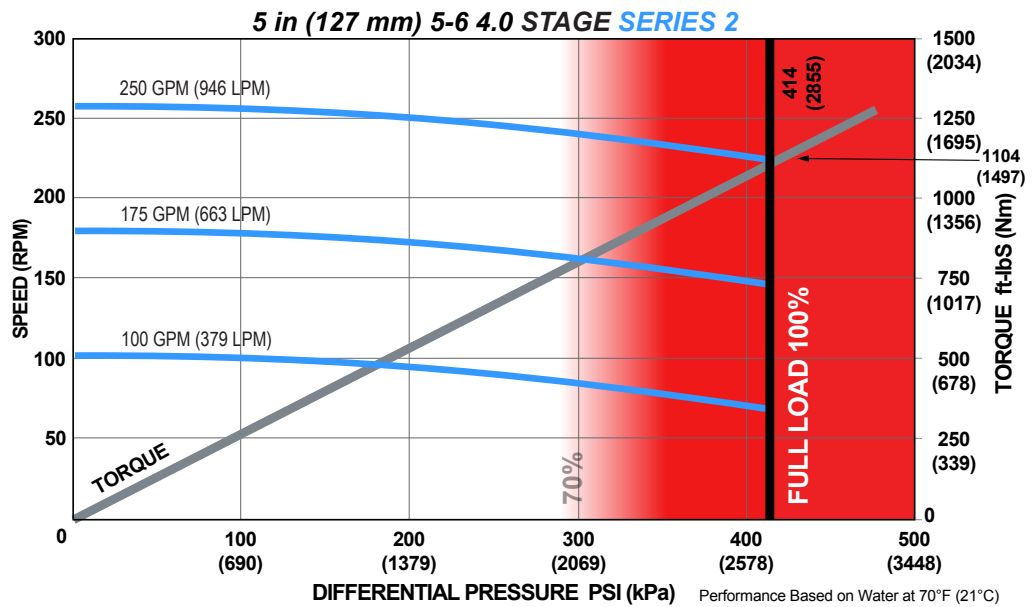


<b>Bit Size Range</b>		5-5/8 - 6-3/4 in	143 - 171 mm
<b>Bit Box Connection</b>		3-1/2 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	71500 lbf	31800 daN
	<b>Static</b>	229350 lbf	102020 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	71500 lbf	31800 daN
	<b>Static</b>	229350 lbf	102020 daN
<b>Max. Overpull (for re-run)</b>		328000 lbf	146000 daN
<b>Absolute Overpull</b>		546000 lbf	243000 daN
<b>Adjustable Makeup Torque</b>		12000 ft-lbs	16270 Nm
<b>A = Bit to Stabilizer (centre)</b>	<b>Adjustable</b>	16.7 in	424 mm
	<b>Fixed</b>	56.3 in	1430 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	45.7 in	1161 mm
	<b>Fixed</b>	45.7 in	1161 mm
<b>C = Overall (with Dump Sub)</b>		248.3 in	6307 mm
<b>Weight</b>		993 lbs	450.4 kg

<b>Lobe Configuration</b>	5-6 Lobe 4.0 Stage	
<b>Displacement (NO LOAD)</b>	1.03 rev/gal	0.27 rev/l
<b>Max. Differential @ FULL LOAD</b>	414 psi	2,854 kPa
<b>Max. Torque</b>	1,104 ft-lbs	1,497 Nm
<b>Max. Power</b>	47 HP	35 kW

Flow Rate		Speed
GPM	LPM	RPM
100	379	70 - 103
175	662	148 - 181
250	946	225 - 258



Possible damage may occur when motor is run higher than 70% of Maximum Differential Pressure.

### ADJUSTABLE BUILD RATE: 5 in (127 mm) 5-6 Lobe 4.0 Stage **SERIES 2**

Hole Size	SLICK				STABILIZED			
	5-7/8 (149 mm)	6 (152 mm)	6-1/8 (156 mm)	6-1/4 (159 mm)	5-7/8 (149 mm)	6 (152 mm)	6-1/8 (156 mm)	6-1/4 (159 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
<b>0.39</b>	2.62	2.12	1.63	1.14	0.83	0.87	1.01	1.15
<b>0.78</b>	6.08	5.59	5.1	4.6	4.9	4.76	4.62	4.49
<b>1.15</b>	9.37	8.88	8.39	7.89	8.76	8.62	8.48	8.34
<b>1.50</b>	12.48	11.99	11.5	11	12.41	12.27	12.13	11.99
<b>1.83</b>	15.41	14.92	14.43	13.93	15.85	15.71	15.57	15.43
<b>2.12</b>	17.99	17.5	17	16.51	18.87	18.73	18.59	18.46
<b>2.38</b>	20.3	19.8	19.31	18.82	21.58	21.44	21.3	21.17
<b>2.60</b>	22.25	21.76	21.26	20.77	23.87	23.73	23.6	23.46
<b>2.77</b>	23.76	23.27	22.77	22.28	25.64	25.51	25.37	25.23
<b>2.90</b>	24.91	24.42	23.93	23.43	27	26.86	26.72	26.58
<b>2.97</b>	25.54	25.04	24.55	24.06	27.73	27.59	27.45	27.31
<b>3.00</b>	25.8	25.31	24.82	24.32	28.04	27.9	27.76	27.63

### FBH BUILD RATE: 5 in (127 mm) 5-6 Lobe 4.0 Stage **SERIES 2**

Hole Size	SLICK				STABILIZED			
	5-7/8 (149 mm)	6 (152 mm)	6-1/8 (156 mm)	6-1/4 (159 mm)	5-7/8 (149 mm)	6 (152 mm)	6-1/8 (156 mm)	6-1/4 (159 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
<b>1.25</b>	10.09	9.5	8.91	8.32	9.3	9.17	9.03	8.89
<b>1.50</b>	12.31	11.72	11.13	10.54	11.81	11.67	11.53	11.4
<b>1.75</b>	14.54	13.95	13.36	12.77	14.31	14.18	14.04	13.9
<b>2.00</b>	16.76	16.17	15.58	14.99	16.82	16.68	16.54	16.4
<b>2.25</b>	18.98	18.39	17.8	17.21	19.32	19.18	19.05	18.91

This information is for reference only. Build rates are theoretical calculations using three-point geometry and new motor builds. Actual rate predictions will depend on formation characteristics, bit profiles, and WOB.

For custom motor configurations and build rates, please contact your DYNOMAX office.