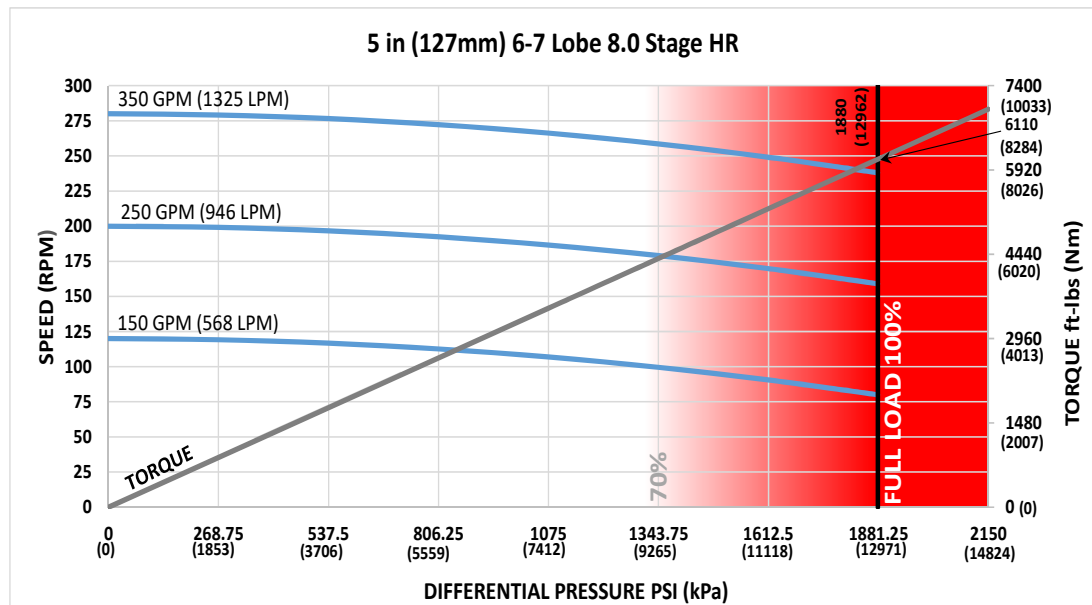




<b>Bit Size Range</b>	5- <sup>5</sup> / <sub>8</sub> - 6- <sup>3</sup> / <sub>4</sub> in	143 - 171 mm
<b>Bit Box Connection</b>	3- <sup>1</sup> / <sub>2</sub> REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	71500 lbf	31800 daN
<b>Static Bearing Load On/Off Bottom</b>	229350 lbf	102000 daN
<b>Max. Overpull (For Re-run)</b>	328000 lbf	145900 daN
<b>Absolute Overpull</b>	546000 lbf	242900 daN
<b>Adjustable Makeup Torque</b>	12000 ft-lbs	16300 Nm
<b>Stab/Thread Protector Makeup Torque</b>	8000 ft-lbs	10800 Nm
<b>A = Bit to Stabilizer (Centre)</b>	16.7 in	424 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	56.3 in
	<b>Fixed</b>	45.7 in
<b>C = Overall (With Dump Sub)</b>	358.5 in	9106 mm
<b>Weight</b>	1434 lbs	650 kg

<b>Lobe Configuration</b>	6-7 Lobe 8 Stage HR	
<b>Displacement (No Load)</b>	0.79 rev/gal	0.21 rev/l
<b>Max. Differential (Full Load)</b>	1880 psi	12962 kPa
<b>Max. Torque</b>	6110 ft-lbs	8284 Nm
<b>Max. Power</b>	277 HP	206 kW

Flow Rate		Speed
GPM	LPM	RPM
150	568	80 - 120
250	946	159 - 200
350	1325	238 - 280



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

### ADJUSTABLE BUILD RATE

Hole Size	SLICK				STABILIZED			
	5- <sup>7</sup> / <sub>8</sub> (149mm)	6 (152mm)	6- <sup>1</sup> / <sub>8</sub> (156mm)	6- <sup>1</sup> / <sub>4</sub> (159mm)	5- <sup>7</sup> / <sub>8</sub> (149mm)	6 (152mm)	6- <sup>1</sup> / <sub>8</sub> (156mm)	6- <sup>1</sup> / <sub>4</sub> (159mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
<b>0.39</b>	2.4	2.0	1.6	1.2	2.4	2.0	1.9	2.0
<b>0.78</b>	5.1	4.8	4.4	4.0	5.1	4.8	4.4	4.4
<b>1.15</b>	7.8	7.4	7.0	6.6	7.8	7.4	7.0	6.7
<b>1.50</b>	10.2	9.8	9.5	9.1	10.2	9.8	9.5	9.1
<b>1.83</b>	12.6	12.2	11.8	11.4	12.6	12.2	11.8	11.4
<b>2.12</b>	14.6	14.2	13.8	13.4	14.6	14.2	13.8	13.4
<b>2.38</b>	16.5	16.1	15.7	15.3	16.5	16.1	15.7	15.3
<b>2.60</b>	18.0	17.6	17.2	16.8	18.0	17.6	17.2	16.8
<b>2.77</b>	19.2	18.8	18.4	18.0	19.2	18.8	18.4	18.0
<b>2.90</b>	20.1	19.7	19.3	19.0	20.1	19.7	19.3	19.0
<b>2.97</b>	20.6	20.2	19.8	19.5	20.6	20.2	19.8	19.5
<b>3.00</b>	20.8	20.4	20.1	19.7	20.8	20.4	20.1	19.7

Note: Stabilizers are <sup>1</sup>/<sub>8</sub>" undergauge

### FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	5- <sup>7</sup> / <sub>8</sub> (149mm)	6 (152mm)	6- <sup>1</sup> / <sub>8</sub> (156mm)	6- <sup>1</sup> / <sub>4</sub> (159mm)	5- <sup>7</sup> / <sub>8</sub> (149mm)	6 (152mm)	6- <sup>1</sup> / <sub>8</sub> (156mm)	6- <sup>1</sup> / <sub>4</sub> (159mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
<b>1.25</b>	8.3	7.9	7.4	6.9	8.3	7.9	7.5	7.6
<b>1.50</b>	10.1	9.6	9.2	8.7	10.1	9.6	9.2	9.2
<b>1.75</b>	11.9	11.4	10.9	10.5	11.9	11.4	10.9	10.8
<b>2.00</b>	13.6	13.2	12.7	12.2	13.6	13.2	12.7	12.4
<b>2.25</b>	15.4	14.9	14.5	14.0	15.4	14.9	14.5	14.0
<b>2.50</b>	17.2	16.7	16.2	15.8	17.2	16.7	16.2	15.8

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.