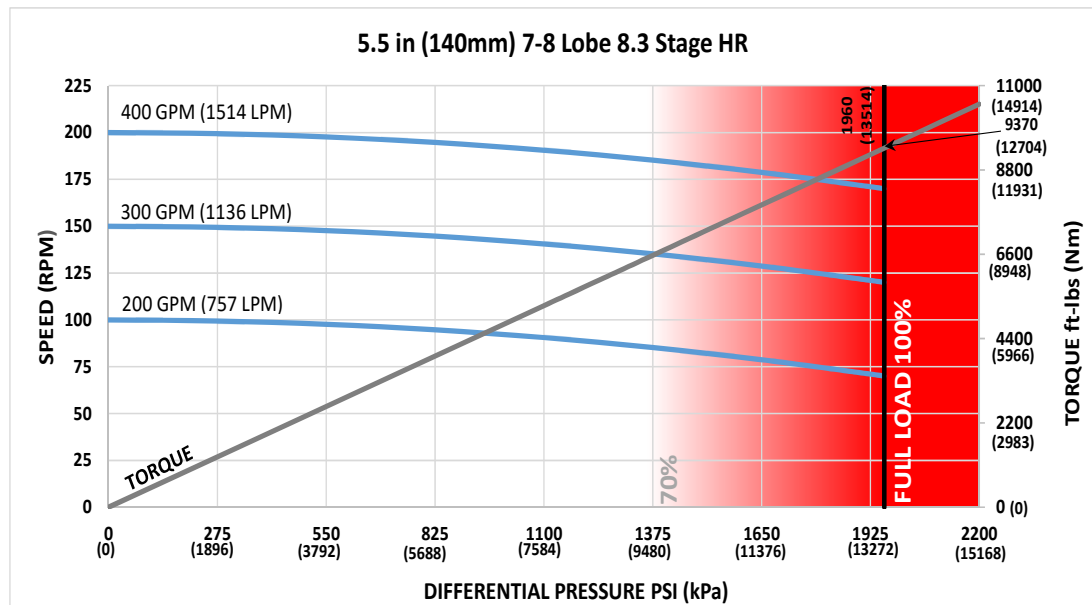




<b>Bit Size Range</b>	6-3/4 - 8-1/2 in	171 - 216 mm
<b>Bit Box Connection</b>	3-1/2 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	82090 lbf	36500 daN
<b>Static Bearing Load On/Off Bottom</b>	289185 lbf	128600 daN
<b>Max. Overpull (For Re-run)</b>	243000 lbf	108100 daN
<b>Absolute Overpull</b>	405000 lbf	180200 daN
<b>Adjustable Makeup Torque</b>	17000 ft-lbs	23000 Nm
<b>Stab/Thread Protector Makeup Torque</b>	7000 ft-lbs	9500 Nm
<b>A = Bit to Stabilizer (Centre)</b>	15.75 in	400 mm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	57.4 in
	<b>Fixed</b>	47 in
<b>C = Overall (With Dump Sub)</b>	393 in	9982 mm
<b>Weight</b>	1973 lbs	895 kg

<b>Lobe Configuration</b>	7-8 Lobe 8.3 Stage HR	
<b>Displacement (No Load)</b>	0.5 rev/gal	0.13 rev/l
<b>Max. Differential (Full Load)</b>	1960 psi	13514 kPa
<b>Max. Torque</b>	9370 ft-lbs	12704 Nm
<b>Max. Power</b>	303 HP	226 kW

Flow Rate		Speed
GPM	LPM	RPM
200	757	70 - 100
300	1136	120 - 150
400	1514	170 - 200



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

### ADJUSTABLE BUILD RATE

Hole Size	SLICK				STABILIZED			
	6-3/4 (171mm)	7-1/4 (184mm)	7-7/8 (200mm)	8-1/2 (216mm)	6-3/4 (171mm)	7-1/4 (184mm)	7-7/8 (200mm)	8-1/2 (216mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
0.39	0.2	-	-	-	1.8	2.1	-	-
0.78	2.7	1.4	-	-	4.0	4.2	4.6	4.9
1.15	5.1	3.8	2.1	0.4	6.1	6.3	6.6	7.0
1.50	7.3	6.0	4.3	2.6	8.0	8.3	8.6	8.9
1.83	9.4	8.1	6.4	4.7	9.9	10.1	10.5	10.8
2.12	11.3	9.9	8.3	6.6	11.5	11.8	12.1	12.4
2.38	12.9	11.6	9.9	8.3	13.0	13.2	13.5	13.9
2.60	14.3	13.0	11.3	9.7	14.3	14.5	14.8	15.1
2.77	15.4	14.1	12.4	10.7	15.4	15.4	15.7	16.1
2.90	16.2	14.9	13.2	11.6	16.2	16.1	16.5	16.8
2.97	16.7	15.3	13.7	12.0	16.7	16.5	16.9	17.2
3.00	16.9	15.5	13.9	12.2	16.9	16.7	17.0	17.3

Note: Stabilizers are 1/8" undergauge

### FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	6-3/4 (171mm)	7-1/4 (184mm)	7-7/8 (200mm)	8-1/2 (216mm)	6-3/4 (171mm)	7-1/4 (184mm)	7-7/8 (200mm)	8-1/2 (216mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)				Degrees per 100 Feet (30 m)			
1.25	-	-	-	-	-	-	-	-
1.50	6.9	5.3	3.4	1.4	8.3	8.6	8.9	9.2
1.75	8.5	6.9	4.9	3.0	9.8	10.0	10.3	10.7
2.00	10.1	8.5	6.5	4.6	11.2	11.5	11.8	12.1
2.25	-	-	-	-	-	-	-	-
2.50	-	-	-	-	-	-	-	-

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.