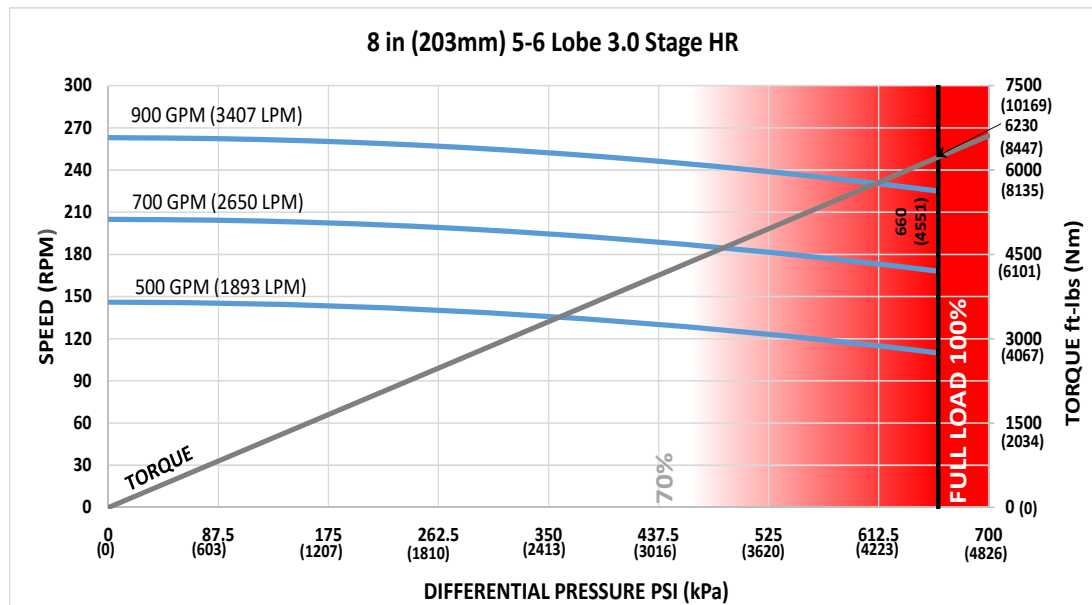




<b>Bit Size Range</b>	9-7/8 - 12-1/4 in	251 - 311 mm
<b>Bit Box Connection</b>	6-5/8 REGULAR	
<b>Dynamic Bearing Load On/Off Bottom</b>	145951 lbf	64900 daN
<b>Static Bearing Load On/Off Bottom</b>	534312 lbf	237700 daN
<b>Max. Overpull (For Re-run)</b>	542500 lbf	241300 daN
<b>Absolute Overpull</b>	904100 lbf	402200 daN
<b>Adjustable Makeup Torque</b>	40000 ft-lbs	54200 Nm
<b>Stab/Thread Protector Makeup Torque</b>	21000 ft-lbs	28500 Nm
<b>A = Bit to Stabilizer (Centre)</b>	23.5 in	597 mm
<b>B = Bit to Bend</b>	Adjustable	74.9 in / 1902 mm
	Fixed	60.3 in / 1532 mm
<b>C = Overall (With Dump Sub)</b>	252.73 in	6419 mm
<b>Weight</b>	2952 lbs	1339 kg

<b>Lobe Configuration</b>	5-6 Lobe 3 Stage HR	
<b>Displacement (No Load)</b>	0.29 rev/gal	0.08 rev/l
<b>Max. Differential (Full Load)</b>	660 psi	4551 kPa
<b>Max. Torque</b>	6230 ft-lbs	8447 Nm
<b>Max. Power</b>	267 HP	199 kW

Flow Rate	Speed	
	GPM	RPM
500	1893	110 - 146
700	2650	168 - 205
900	3407	225 - 263



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

### ADJUSTABLE BUILD RATE

Hole Size	SLICK				STABILIZED			
	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
0.39	-	-	-	-	4.2	5.4	6.7	-
0.78	3.3	0.7	-	-	7.2	8.4	9.7	10.8
1.15	7.1	4.5	1.5	-	10.1	11.2	12.5	13.7
1.50	10.8	8.2	5.2	2.6	12.7	13.9	15.2	16.4
1.83	14.2	11.6	8.6	6.0	15.3	16.4	17.8	18.9
2.12	17.2	14.6	11.6	9.1	17.5	18.6	20.0	21.1
2.38	19.9	17.3	14.3	11.8	19.9	20.6	22.0	23.1
2.60	22.2	19.6	16.6	14.1	22.2	22.3	23.7	24.8
2.77	24.0	21.4	18.4	15.8	24.0	23.6	25.0	26.1
2.90	25.3	22.7	19.8	17.2	25.3	24.6	26.0	27.1
2.97	26.0	23.5	20.5	17.9	26.0	25.2	26.5	27.6
3.00	26.4	23.8	20.8	18.2	26.4	25.4	26.7	27.9

Note: Stabilizers are 1/8" undergauge

### FBH BUILD RATE

Hole Size	SLICK				STABILIZED			
	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)	9-7/8 (251mm)	10-5/8 (270mm)	11-1/2 (292mm)	12-1/4 (311mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30m)				Degrees per 100 Feet (30m)			
1.25	7.1	4.0	0.4	-	11.8	12.9	14.3	15.4
1.50	9.7	6.6	3.0	-	13.9	15.1	16.4	17.5
1.75	12.3	9.2	5.6	2.5	16.0	17.2	18.5	19.6
2.00	14.9	11.8	8.2	5.1	18.1	19.3	20.6	21.8
2.25	17.5	14.4	10.8	7.7	20.2	21.4	22.7	23.9
2.50	20.1	17.0	13.4	10.3	22.3	23.5	24.8	26.0

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.