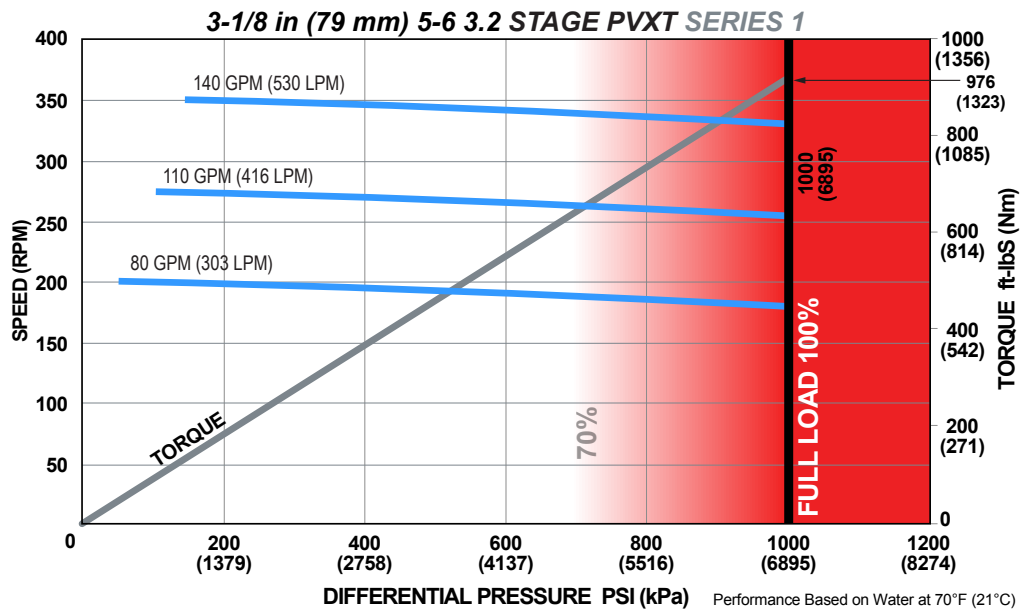




<b>Bit Size Range</b>		3-7/8 - 4-1/2 in	98 - 114 mm
<b>Bit Box Connection</b>		2-3/8 REGULAR	
<b>Bearing Load On Bottom</b>	<b>Dynamic</b>	28230 lbf	12560 daN
	<b>Static</b>	83280 lbf	37040 daN
<b>Bearing Load Off Bottom</b>	<b>Dynamic</b>	28230 lbf	12560 daN
	<b>Static</b>	83280 lbf	37040 daN
<b>Max. Overpull (for re-run)</b>		49100 lbf	22000 daN
<b>Absolute Overpull</b>		81800 lbf	36000 daN
<b>Adjustable Makeup Torque</b>		2500 ft-lbs	3390 Nm
<b>B = Bit to Bend</b>	<b>Adjustable</b>	42.9 in	1090 mm
	<b>Fixed</b>	34 in	864 mm
<b>C = Overall (Rotor Catch/Float Sub)</b>		169.8 in	4313 mm
<b>Weight</b>		349 lbs	158.3 kg

<b>Lobe Configuration</b>	5-6 Lobe 3.2 Stage	
<b>Displacement (NO LOAD)</b>	2.50 rev/gal	0.66 rev/l
<b>Max. Differential @ FULL LOAD</b>	1,000 psi	6,895 kPa
<b>Max. Torque</b>	976 ft-lbs	1,323 Nm
<b>Max. Power</b>	62 HP	46 kW

Flow Rate		Speed
GPM	LPM	RPM
80	303	181 - 200
110	416	256 - 275
140	530	331 - 350



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

### ADJUSTABLE BUILD RATE: 3-1/8 in (79 mm) 5-6 Lobe 3.2 Stage PVXT SERIES 1

Hole Size	SLICK			STABILIZED		
	3-7/8 (98 mm)	4-1/8 (105 mm)	4-1/2 (114 mm)	3-7/8 (98 mm)	4-1/8 (105 mm)	4-1/2 (114 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
0.39	1.23	-	-	-	-	-
0.78	6.31	4.36	1.44	-	-	-
1.15	11.14	9.19	6.26	-	-	-
1.50	15.7	13.75	10.83	-	-	-
1.83	20	18.05	15.13	-	-	-
2.12	23.78	21.83	18.91	-	-	-
2.38	27.17	25.22	22.3	-	-	-
2.60	30.04	28.09	25.16	-	-	-
2.77	32.25	30.3	27.38	-	-	-
2.90	33.95	32	29.07	-	-	-
2.97	34.86	32.91	29.98	-	-	-
3.00	35.25	33.3	30.38	-	-	-

### FBH BUILD RATE: 3-1/8 in (79 mm) 5-6 Lobe 3.2 Stage PVXT SERIES 1

Hole Size	SLICK			STABILIZED		
	3-7/8 (98 mm)	4-1/8 (105 mm)	4-1/2 (114 mm)	3-7/8 (98 mm)	4-1/8 (105 mm)	4-1/2 (114 mm)
<b>BEND ANGLE</b>	Degrees per 100 Feet (30 m)			Degrees per 100 Feet (30 m)		
1.25	11.56	9.17	5.57	-	-	-
1.50	14.82	12.42	8.83	-	-	-
1.75	18.08	15.68	12.09	-	-	-
2.00	21.34	18.94	15.35	-	-	-

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.