



P.O. Box 890907 • Oklahoma City, OK 73189  
 Office: (405) 703-0034 • Toll Free: 844-703-0034 • Fax: (405) 703-0697  
 www.hawkeyedirectional.com

8.00" S2 (203 mm) 7-8 4.0 STAGE

DYNOMAX SERIES 2 MOTOR - ADJUSTABLE	STABILIZED	Hole Size	9% (251 mm)	10% (270 mm)	12% (311 mm)
		BEND ANGLE	Degrees per 100 Feet (30m)		
	0.39	1.23	1.65	2.55	
	0.78	3.28	3.70	4.60	
	1.15	6.02	5.64	6.54	
	1.50	8.64	8.23	8.38	
	1.83	11.11	10.70	10.11	
	2.12	13.29	12.87	11.97	
	2.38	15.23	14.82	13.92	
	2.60	16.88	16.46	15.56	
2.77	18.15	17.74	16.84		
2.90	19.13	18.71	17.81		
2.97	19.65	19.23	18.33		
3.00	19.87	19.46	18.56		
NON-STABILIZED - SLICK	BEND ANGLE	Degrees per 100 Feet (30m)			
	0.39	-	-	-	
	0.78	1.82	0.24	-	
	1.15	4.17	2.60	-	
	1.50	6.40	4.82	1.14	
	1.83	8.50	6.92	3.50	
	2.12	10.34	8.76	5.35	
	2.38	11.99	10.42	7.00	
	2.60	13.39	11.82	8.40	
	2.77	14.47	12.90	9.48	
2.90	15.30	13.22	10.31		
2.97	15.74	14.17	10.75		
3.00	15.93	14.36	10.94		

Bottom Stab  $\phi$  = 1/4" under hole size

Bit Length = 14 inch

Top Stab  $\phi$  = 8.30 inch

Adj. Ring  $\phi$  = 8.40 inch

This information is for reference only. Build rates are calculated on a theoretical, three point geometry. The three points are bit contact, kick pad contact and top of motor contact with the well bore. Actual rates are also affected by formation tendencies, WOB and other drilling parameters. Offset data should be used, when possible, to help determine the expected build rate for any motor configuration.