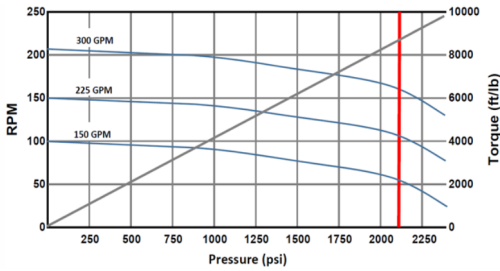
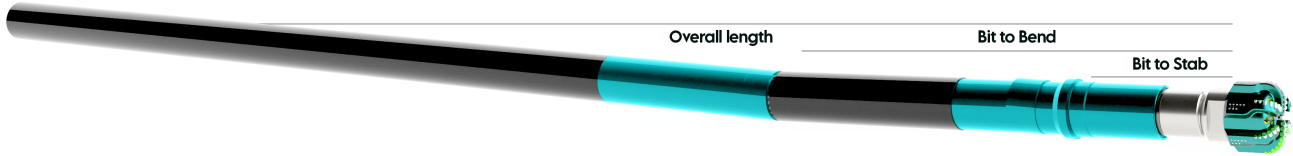


NEWSCO Motor

5" 7/8 Lobes 6.4 Stage



Torque Slope		3.80 ft-lb/psi
REV / Gal	0.601 rev/gal	0.159 rev/lpm
RPM		90-190 rpm
Flow range	150-300 gpm	568-1136 lpm
Max Differential	1510 psi	10411 kPa
Max Torque	5720 ft. lbs	7755 N-m
Stall Differential	2370 psi	16341 kPa
Stall Torque	9010 lb-ft	12216 N-m
Max Weight on Bit	55000 lbs	244 kN
Weight	1500 pounds	680 kilos



Motor Lengths

Bit to Stab	Bit to Bend	Overall Length	Slick OD	Wear Pad OD
26.00 in	45.00 in	336.00 in	5.00 in	5.50 in
Top Connection	As Requested	Bottom Connection	3 1/2" Reg	

Predicted Build Rates - Degrees/100 ft (30 m)

Deg. Bend	Slick			Single Stabilizer			Double Stabilizer		
	Setting	6	6 3/4	6 1/8	6	6 3/4	6 1/8	6	6 3/4
1.50	8.44	7.25	8.18	9.48	9.77	9.52	9.02	9.29	9.06
1.76	10.15	8.73	9.85	11.20	11.54	11.25	10.74	11.07	10.79
2.00	11.74	10.10	11.39	12.79	13.17	12.84	12.33	12.70	12.38
2.15	12.62	10.86	12.24	13.75	14.16	13.80	13.25	13.65	13.31
2.25	13.26	11.41	12.86	14.31	14.74	14.37	13.85	14.27	13.91
2.38	14.52	12.49	14.08	15.56	16.03	15.63	15.11	15.56	15.17
2.50	15.08	12.97	14.63	16.08	16.57	16.15	15.64	16.11	15.71
2.74	16.63	14.31	16.14	17.68	18.21	17.75	17.22	17.74	17.29
3.00	18.35	15.78	17.80	19.40	19.98	19.48	18.94	19.51	19.02

Maximum Suggested RPM for Straight Sections of Well bore

Motor Size	Bit size	0.00	0.38	0.75	1.15	1.50	1.75	1.83	2.00	2.15	2.25	2.38
5"	6 3/4	100	100	100	90	80	80	75	55	50	35	20
5"	6 1/2	100	100	100	80	75	75	70	50	45	35	20
5"	6 1/4	100	100	95	75	70	70	70	45	40	30	20
5"	6 1/8	90	95	90	65	65	65	65	40	30	20	20
5"	6	90	90	85	60	60	60	60	35	30		

Maximum Suggested RPM for Build Sections of Well bore

Motor Size	Bit size	0.00	0.38	0.75	1.15	1.50	1.75	1.83	2.00	2.15	2.25	2.38
5"	6 3/4	70	70	50	50	40	40	40	40	30	30	20
5"	6 1/2	70	70	50	50	40	40	40	40	30	30	20
5"	6 1/4	70	70	50	40	40	40	40	40	30	30	20
5"	6 1/8	70	70	50	40	40	40	30	30	30	20	20
5"	6	70	70	50	40	40	30	30	20	20		

* The charts above display the maximum theoretical allowable rotation for optimal hole conditions. The RPM limits above are for optimal hole conditions and normal drilling conditions and parameters. These should be reduced further when operating with high vibration, high rotary torque, poor hole quality, high WOB, stick slip, hard stall events and other abnormal conditions.



+1 (832) 924-4020

WWW.NEWSKO-DRILLING.COM

12029 Brittonmoore Park Dr, Houston, TX 77041. e-mail: sales@newsco-drilling.com