

Hole Size	SLICK – ADJUSTABLE ASSEMBLY				STABILIZED – ADJUSTABLE ASSEMBLY			
	THEORETICAL BUILD RATES							
	5 7/8"	6 1/4"	6 3/4"	7 1/2"	5 7/8"	6 1/4"	6 3/4"	7 1/2"
BEND ANGLE	DEGREES PER 100 FEET				DEGREES PER 100 FEET			
0.39	1.50	1.30	1.10	0.80	2.60	2.90	3.20	4.30
0.78	7.50	6.90	6.30	3.80	4.90	5.40	5.70	6.90
1.15	7.95	7.30	6.50	3.95	7.15	7.80	8.10	9.30
1.50	10.10	9.50	8.90	6.40	9.80	10.10	10.40	11.50
1.83	12.50	11.90	11.30	8.80	12.10	12.30	12.50	13.70
2.12	14.50	13.95	13.50	10.90	13.90	14.20	14.40	15.60
2.38	16.40	15.90	15.40	21.80	15.50	15.90	16.10	17.30
2.60	17.95	17.50	16.95	14.40	16.60	17.30	17.60	18.70
2.77	19.40	18.80	18.20	15.70	18.00	18.40	18.70	19.80
2.90	20.40	19.80	19.20	16.60	18.60	19.20	19.50	20.70
2.97	20.95	20.40	19.80	17.40	19.00	19.70	20.00	21.20
3.00	21.20	20.60	19.95	17.50	19.30	19.90	20.20	21.30

Hole Size	SLICK – FIXED HOUSING				STABILIZED – FIXED HOUSING			
	THEORETICAL BUILD RATES							
	5 7/8"	6 1/4"	6 3/4"	7 1/2"	5 7/8"	6 1/4"	6 3/4"	7 1/2"
BEND ANGLE	DEGREES PER 100 FEET				DEGREES PER 100 FEET			
1.25	8.00	7.35	6.55	3.85	9.80	10.10	10.40	11.50
1.50	12.55	11.95	11.35	8.85	12.10	12.30	12.50	13.70
1.75	13.55	12.95	12.65	9.75	12.90	13.10	13.60	14.10
2.00	14.55	14.10	13.55	10.95	13.90	14.20	14.40	15.60
2.25	16.45	15.95	15.45	12.85	15.50	15.90	16.10	17.30

SPECIFICATIONS	
(A) Bit Box to STAB	12.75"
(B) Bit Box to Bend, ADJ.	57.0"
(B) Bit Box to Bend, FIX	45.0"
(C) Bit Box to Stator	68.8"
Power Section	187"
(D) RotorCatch	25"
Overall Length	276.00"
Effective Pad Diameter	5.25"
On Bottom Load	60,000 lbs
Off Bottom Load	60,000 lbs
Max WOB to rerun	230,000 lbs
Max Torque Capacity	14,800 ft-lb
Bit Box Conn.	3 1/2" REG
Max Overpull	450,000 lbs
Max Static Temp – BH	325 F

PERFORMANCE SPECIFICATIONS	
Flow Range (gpm)	100–250
Speed Range (rpm)	50–140
Torque Slope (ft-lb/psi)	4.62
Rotation (rev/gal)	0.540
Off Bottom Pressure (psi)	50

PERFORMANCE DETAILS		
	NBR	HR
Max Diff Press (psi)	570	900
Stall Diff Press (psi)	860	1410
Max Torque (ft-lb)	2640	4130
Stall Torque (ft-lb)	3960	6500

