

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	235"
(D) RotorCatch	25"
Overall Length	328.00"
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)	175–325
Speed Range (rpm)	60–120
Torque Slope (ft-lb/psi)	6.85
Rotation (rev/gal)	0.356
Off Bottom Pressure (psi)	60

PERFORMANCE DETAILS		
	NBR	HR
Max Diff Press (psi)	560	870
Stall Diff Press (psi)	840	1370
Max Torque (ft-lb)	3810	5960
Stall Torque (ft-lb)	5710	9390

