

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)	150–350
Speed Range (rpm)	130–300
Torque Slope (ft-lb/psi)	2.92
Rotation (rev/gal)	0.860
Off Bottom Pressure (psi)	120

PERFORMANCE DETAILS		
	NBR	HR
Max Diff Press (psi)	1350	2120
Stall Diff Press (psi)	2030	3340
Max Torque (ft-lb)	3950	6180
Stall Torque (ft-lb)	5920	9730

