

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	250"
(D) RotorCatch	25"
Overall Length	343.00"
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)	90–190
Torque Slope (ft-lb/psi)	3.80
Rotation (rev/gal)	0.630
Off Bottom Pressure (psi)	80

PERFORMANCE DETAILS		
	NBR	HR
Max Diff Press (psi)	960	1510
Stall Diff Press (psi)	1440	2370
Max Torque (ft-lb)	3650	5720
Stall Torque (ft-lb)	5480	9010

