

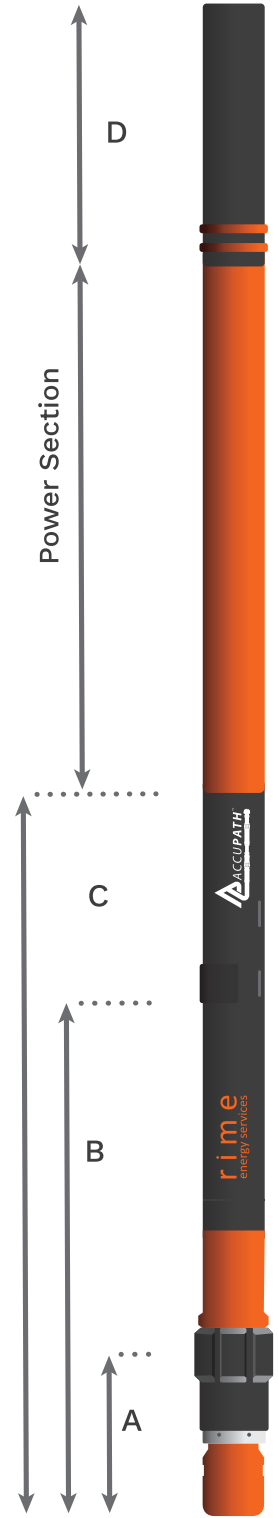
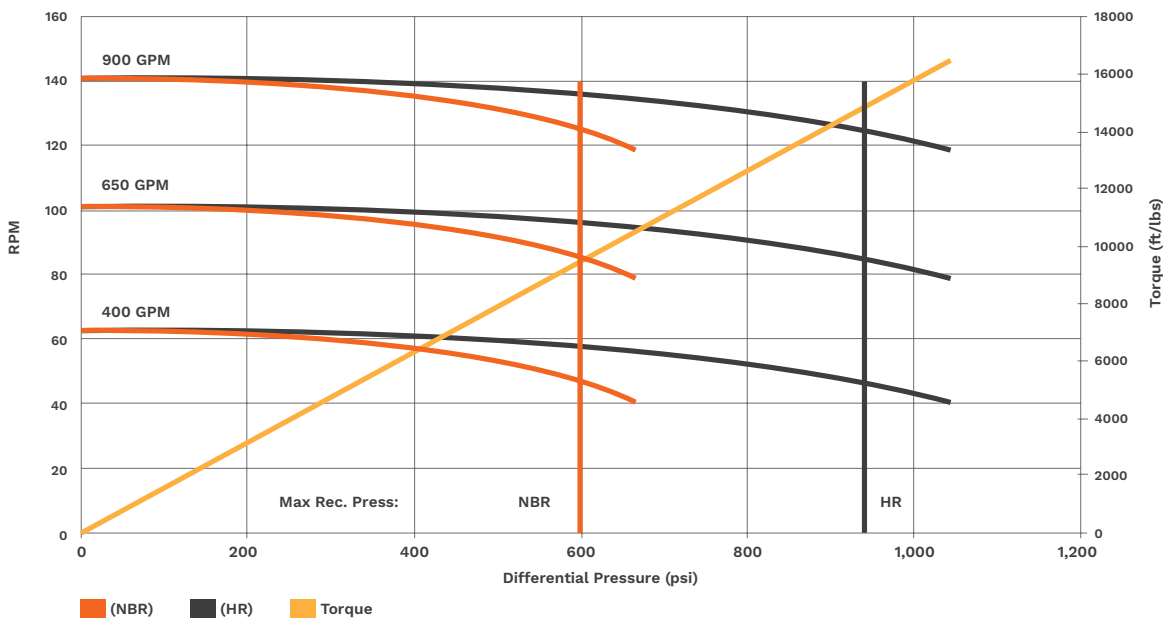
Hole Size	SLICK - ADJUSTABLE ASSEMBLY				STABILIZED - ADJUSTABLE ASSEMBLY			
	THEORETICAL BUILD RATES							
BEND ANGLE	DEGREES PER 100 FEET				DEGREES PER 100 FEET			
0.39	1.30	1.00	0.80	0.70	3.00	3.80	5.50	5.70
0.78	6.30	5.00	2.40	1.80	5.60	6.30	8.00	8.80
1.15	6.40	5.10	2.50	1.90	8.00	8.70	10.40	10.60
1.50	8.60	7.30	4.70	2.10	10.30	11.00	12.70	13.20
1.83	10.80	9.50	6.80	2.60	12.40	13.20	14.90	15.30
2.12	12.70	11.40	8.70	3.60	14.30	15.00	16.70	17.10
2.38	14.40	13.10	10.40	5.50	16.00	16.80	18.40	19.60
2.60	15.90	14.60	11.90	7.10	17.40	18.20	19.90	20.30
2.77	17.00	15.70	13.00	9.20	18.50	19.30	21.00	21.40
2.90	17.90	16.60	13.90	10.10	19.40	20.20	21.80	22.20
2.97	18.40	17.10	14.40	11.20	19.60	20.60	22.30	22.80
3.00	18.60	17.30	14.60	11.80	20.10	20.80	22.50	22.80

Hole Size	SLICK - FIXED HOUSING				STABILIZED - FIXED HOUSING			
	THEORETICAL BUILD RATES							
BEND ANGLE	DEGREES PER 100 FEET				DEGREES PER 100 FEET			
1.25	6.40	5.10	2.50	1.90	8.00	8.70	10.40	10.60
1.50	8.60	7.30	4.70	2.10	10.30	11.00	12.70	13.20
1.75	10.80	9.50	6.80	2.60	12.40	13.20	14.90	15.30
2.00	12.70	11.40	8.70	3.60	14.30	15.00	16.70	17.10
2.25	14.40	13.10	10.40	5.50	16.00	16.80	18.40	19.60

SPECIFICATIONS	
(A) Bit Box to STAB	22.25"
(B) Bit Box to Bend, ADJ.	78.5"
(B) Bit Box to Bend, FIX	65.1"
(C) Bit Box to Stator	98.9"
Power Section	203"
(D) RotorCatch	40.5"
Overall Length	342"
Effective Pad Diameter	8.37"
On Bottom Load	190,000 lbs
Off Bottom Load	190,000 lbs
Max WOB	890,000 lbs
Max Torque Capacity	51,000 ft-lb
Bit Box Conn.	6 5/8" REG
Max Overpull	1,056,000 lbs
Weight	3220 lbs

PERFORMANCE SPECIFICATIONS	
Flow Range (gpm)	400-900
Speed Range (rpm)	60-140
Torque Slope (ft-lb/psi)	15.77
Rotation (rev/gal)	0.155
Off Bottom Pressure (psi)	100

PERFORMANCE DETAILS		
	NBR	HR
Max Diff Press (psi)	600	940
Stall Diff Press (psi)	900	1490
Max Torque (ft-lb)	9470	14830
Stall Torque (ft-lb)	14200	23350



Hole Size	SLICK - ADJUSTABLE ASSEMBLY				STABILIZED - ADJUSTABLE ASSEMBLY			
	THEORETICAL BUILD RATES							
BEND ANGLE	DEGREES PER 100 FEET				DEGREES PER 100 FEET			
0.39	1.30	1.00	0.80	0.70	3.00	3.80	5.50	5.70
0.78	6.30	5.00	2.40	1.80	5.60	6.30	8.00	8.80
1.15	6.40	5.10	2.50	1.90	8.00	8.70	10.40	10.60
1.50	8.60	7.30	4.70	2.10	10.30	11.00	12.70	13.20
1.83	10.80	9.50	6.80	2.60	12.40	13.20	14.90	15.30
2.12	12.70	11.40	8.70	3.60	14.30	15.00	16.70	17.10
2.38	14.40	13.10	10.40	5.50	16.00	16.80	18.40	19.60
2.60	15.90	14.60	11.90	7.10	17.40	18.20	19.90	20.30
2.77	17.00	15.70	13.00	9.20	18.50	19.30	21.00	21.40
2.90	17.90	16.60	13.90	10.10	19.40	20.20	21.80	22.20
2.97	18.40	17.10	14.40	11.20	19.60	20.60	22.30	22.80
3.00	18.60	17.30	14.60	11.80	20.10	20.80	22.50	22.80

Hole Size	SLICK - FIXED HOUSING				STABILIZED - FIXED HOUSING			
	THEORETICAL BUILD RATES							
BEND ANGLE	DEGREES PER 100 FEET				DEGREES PER 100 FEET			
1.25	6.40	5.10	2.50	1.90	8.00	8.70	10.40	10.60
1.50	8.60	7.30	4.70	2.10	10.30	11.00	12.70	13.20
1.75	10.80	9.50	6.80	2.60	12.40	13.20	14.90	15.30
2.00	12.70	11.40	8.70	3.60	14.30	15.00	16.70	17.10
2.25	14.40	13.10	10.40	5.50	16.00	16.80	18.40	19.60

SPECIFICATIONS	
(A) Bit Box to STAB	22.25"
(B) Bit Box to Bend, ADJ.	78.5"
(B) Bit Box to Bend, FIX	65.1"
(C) Bit Box to Stator	98.9"
Power Section	300"
(D) RotorCatch	40.5"
Overall Length	439"
Effective Pad Diameter	8.37"
On Bottom Load	190,000 lbs
Off Bottom Load	190,000 lbs
Max WOB	890,000 lbs
Max Torque Capacity	51,000 ft-lb
Bit Box Conn.	6 5/8" REG
Max Overpull	1,056,000 lbs
Weight	3220 lbs

PERFORMANCE SPECIFICATIONS	
Flow Range (gpm)	400-900
Speed Range (rpm)	60-140
Torque Slope (ft-lb/psi)	15.77
Rotation (rev/gal)	0.160
Off Bottom Pressure (psi)	120

PERFORMANCE DETAILS		
	NBR	HR
Max Diff Press (psi)	890	1390
Stall Diff Press (psi)	1330	2190
Max Torque (ft-lb)	13960	21870
Stall Torque (ft-lb)	20940	34440

