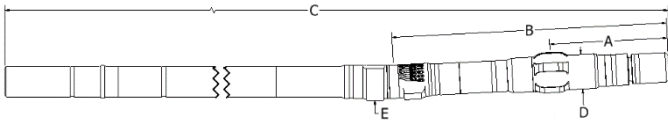


RVEN-65 : 7/8 Lobe 6.7 Stage



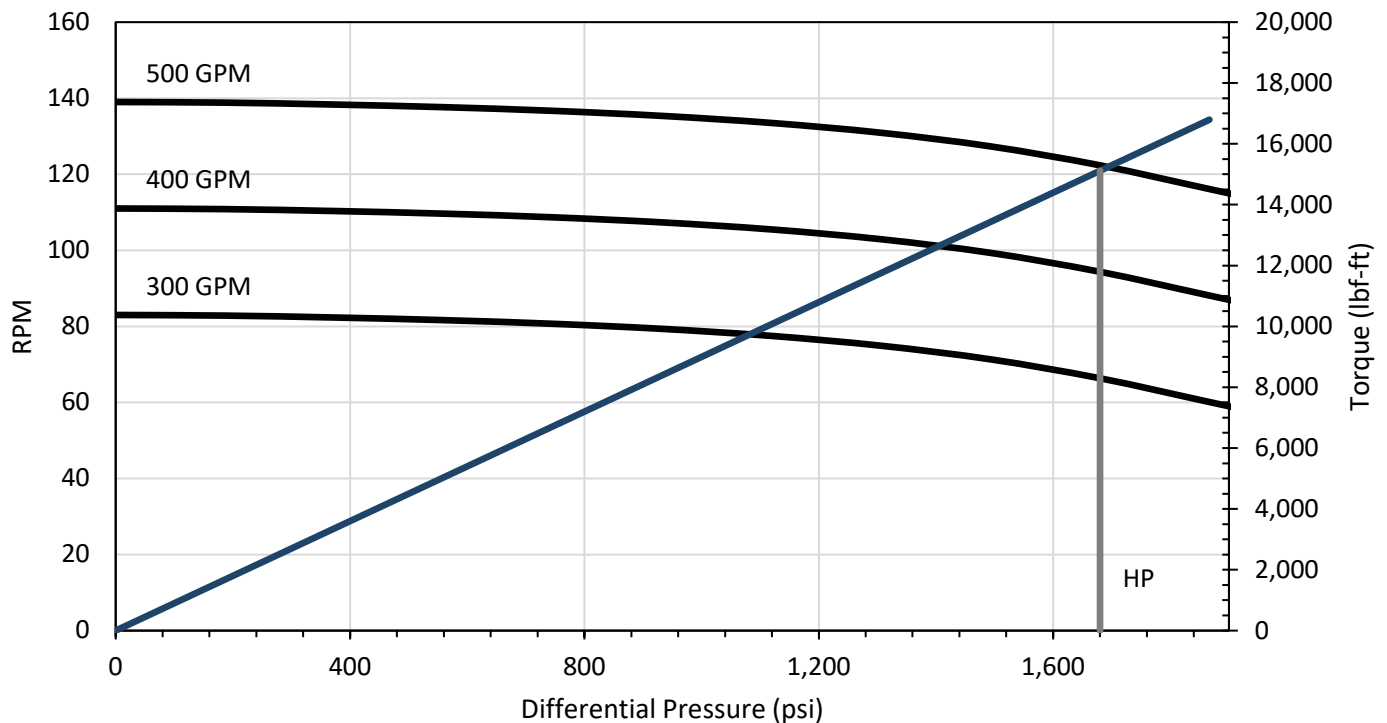
Dimensions

Bit to Stabilizer Center	A	28 in
Bit to Bend, Fixed	B	59.6 in
Bit to Top Sub	C	421 in
Body OD, Slick	D	6.5 in
Body OD, Stabilizer	D	6.5 in
Pad Radius, Fixed	E	3.38 in
Bottom Connection	4-1/2 IF Box 4-1/2 IF Pin	
Top Connection	4-1/2 XH Box	
Top Sub Float Bore	4R	

Recommended Operating Limits

Max WOB	87,000 lbf
Max Overpull, Backream	126,000 lbf
Max Overpull, Re-Run	234,000 lbf
Max Overpull, POOH	898,000 lbf

Theoretical Performance Curve



Performance curves based on testing at 70°F. Actual field performance may vary with field operation conditions.

Predicted Build Rates (Fixed) – Degrees/100ft

Bend Setting	Slick Hole Size			Stabilized Hole Size		
	7 7/8	8 1/2	8 3/4	7 7/8	8 1/2	8 3/4
0.78	1.9	-	-	4.0	4.3	4.4
1.15	4.0	2.6	2.0	5.9	6.2	6.3
1.50	5.9	4.5	4.0	7.7	8.0	8.1
1.75	7.3	5.9	5.4	9.0	9.2	9.3
1.83	7.8	6.4	5.8	9.4	9.6	9.7
2.00	8.7	7.3	6.8	10.3	10.5	10.6
2.12	9.4	8.0	7.4	10.9	11.1	11.2
2.25*	10.1	8.7	8.1	11.5	11.8	11.9
2.38*	10.8	9.4	8.9	12.2	12.5	12.6
2.50*	11.5	10.1	9.5	12.8	13.1	13.2

*Bend Setting not recommended for Rotary Drilling

Performance Details

HP	
Max Diff Pressure	1,680 psi
Max Torque	15,070 lbf-ft
Stall Torque	22,600 lbf-ft
Rotation	0.278 rev/gal
Flow Range	300-500 gpm
Speed Range	83-139 rpm