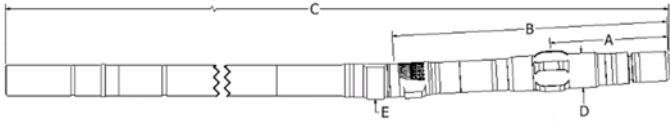


RVEN-65 : 7/8 Lobe 6.7 Stage



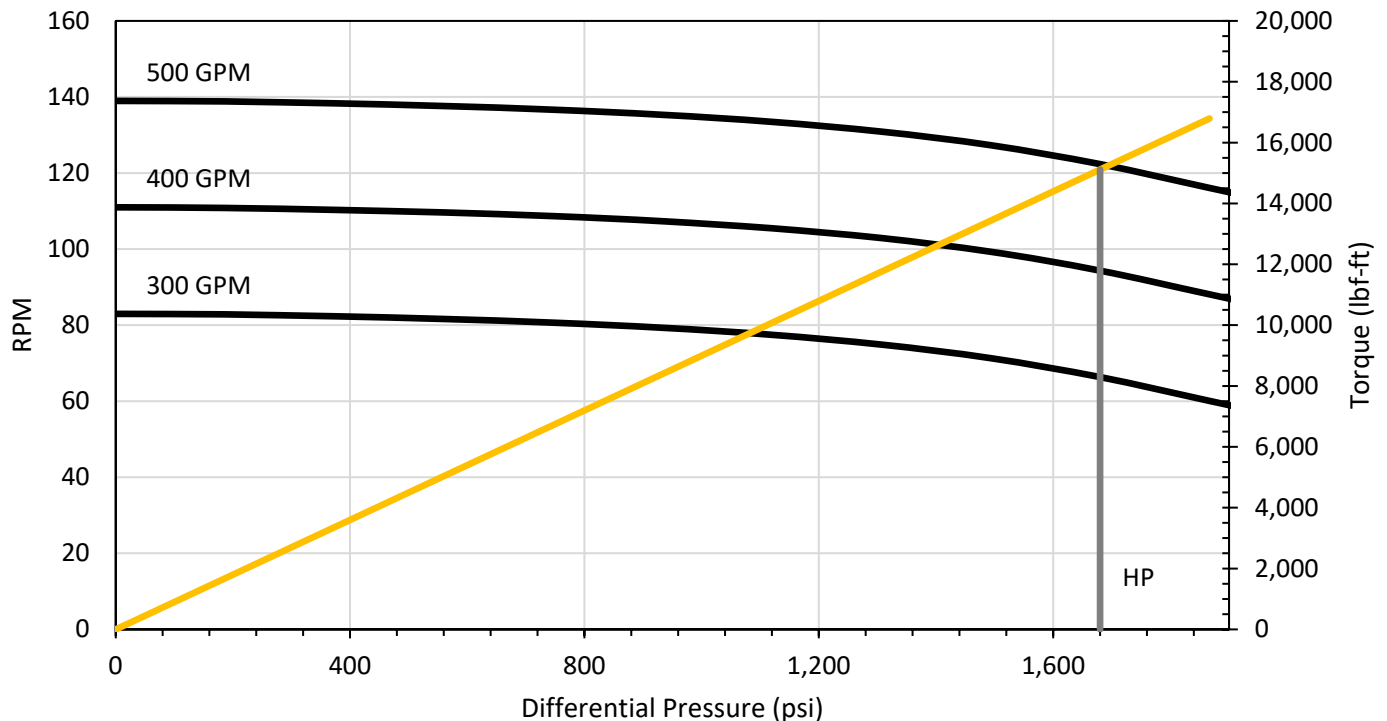
Dimensions

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		
	Deg	8 1/2	8 3/4	9 7/8	8 1/2	8 3/4
0.78	-	-	-	4.3	4.4	4.8
1.15	2.6	2.0	-	6.2	6.3	6.7
1.50	4.5	4.0	1.5	8.0	8.1	8.5
1.75	5.9	5.4	2.9	9.2	9.3	9.8
1.83	6.4	5.8	3.3	9.6	9.7	10.2
2.00	7.3	6.8	4.3	10.5	10.6	11.1
2.12	8.0	7.4	4.9	11.1	11.2	11.7
2.25*	8.7	8.1	5.6	11.8	11.9	12.3
2.38*	9.4	8.9	6.4	12.5	12.6	13.0
2.50*	10.1	9.5	7.0	13.1	13.2	13.6

*Bend Setting not recommended for Rotary Drilling

Performance Details

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