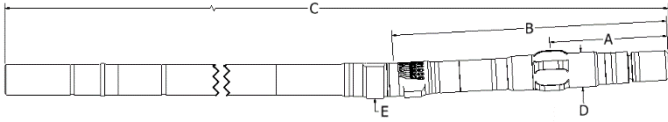


RVEN-65 : 7/8 Lobe 3.5 Stage



Dimensions

Bit to Stabilizer Center	A	28 in
Bit to Bend, Fixed	B	59.6 in
Bit to Top Sub	C	352 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

Predicted Build Rates (Fixed) – Degrees/100ft

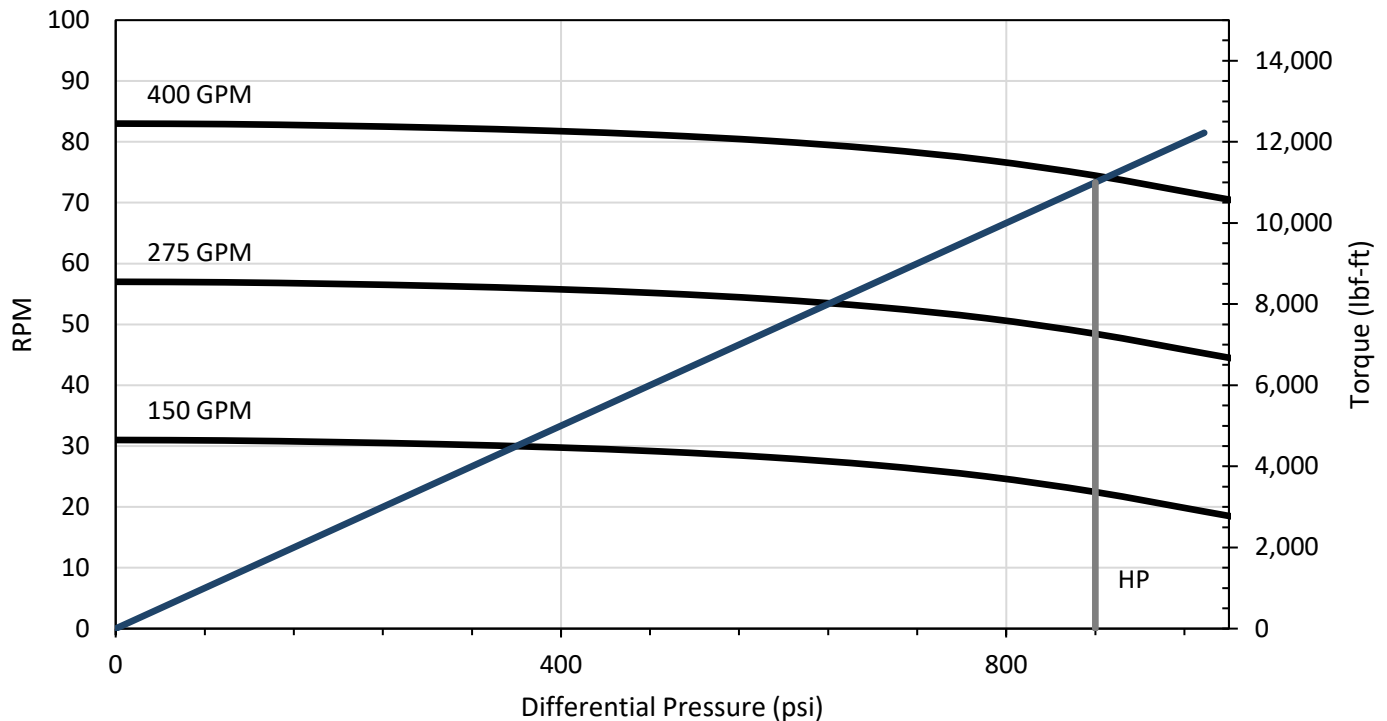
Bend Setting	Slick Hole Size			Stabilized Hole Size		
	7 7/8	8 1/2	8 3/4	7 7/8	8 1/2	8 3/4
Deg						
0.78	2.3	-	-	4.8	5.2	5.3
1.15	4.8	3.1	2.5	7.0	7.4	7.5
1.50	7.1	5.4	4.8	9.1	9.5	9.6
1.75	8.7	7.1	6.4	10.6	11.0	11.1
1.83	9.2	7.6	6.9	11.1	11.5	11.6
2.00	10.4	8.7	8.1	12.1	12.5	12.6
2.12	11.2	9.5	8.9	12.8	13.2	13.3
2.25*	12.0	10.4	9.7	13.6	14.0	14.1
2.38*	12.9	11.2	10.6	14.4	14.7	14.9
2.50*	13.7	12.0	11.3	15.1	15.4	15.6

*Bend Setting not recommended for Rotary Drilling

Performance Details

HP	
Max Diff Pressure	880 psi
Max Torque	10,940 lbf-ft
Stall Torque	16,410 lbf-ft
Rotation	0.208 rev/gal
Flow Range	150-400 gpm
Speed Range	31-83 rpm

Theoretical Performance Curve



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