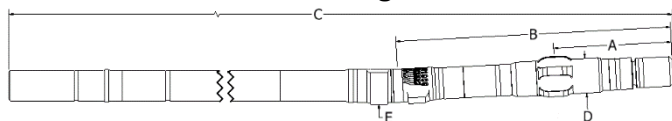


RVDF-55 : 7/8 Lobe 6.8 Stage



Dimensions

Bit to Stabilizer Center	A	30 in
Bit to Bend, ABH	B	na
Bit to Bend, Fixed	B	42.3 in
Bit to Top Sub	C	377 in
Body OD, Slick	D	5.50 in
Body OD, Stabilizer (IB only)	D	5.50 in
Pad Radius, ABH	E	na
Pad Radius, Fixed	E	2.86 in
Bottom Connection	3-1/2 REG Box 3-1/2 IF Pin	
Top Connection	3-1/2 REG Box 3-1/2 IF Box 3-1/2 XH Box XT-39	
Top Sub Float Bore	2F-3R, 3F, 3-1/2 IF	

Recommended Operating Limits

Max WOB	60,000 lbf
Max Overpull, Backream	87,000 lbf
Max Overpull, Re-Run	125,000 lbf
Max Overpull, POOH	421,000 lbf

Predicted Build Rates (Fixed) – Degrees/100ft

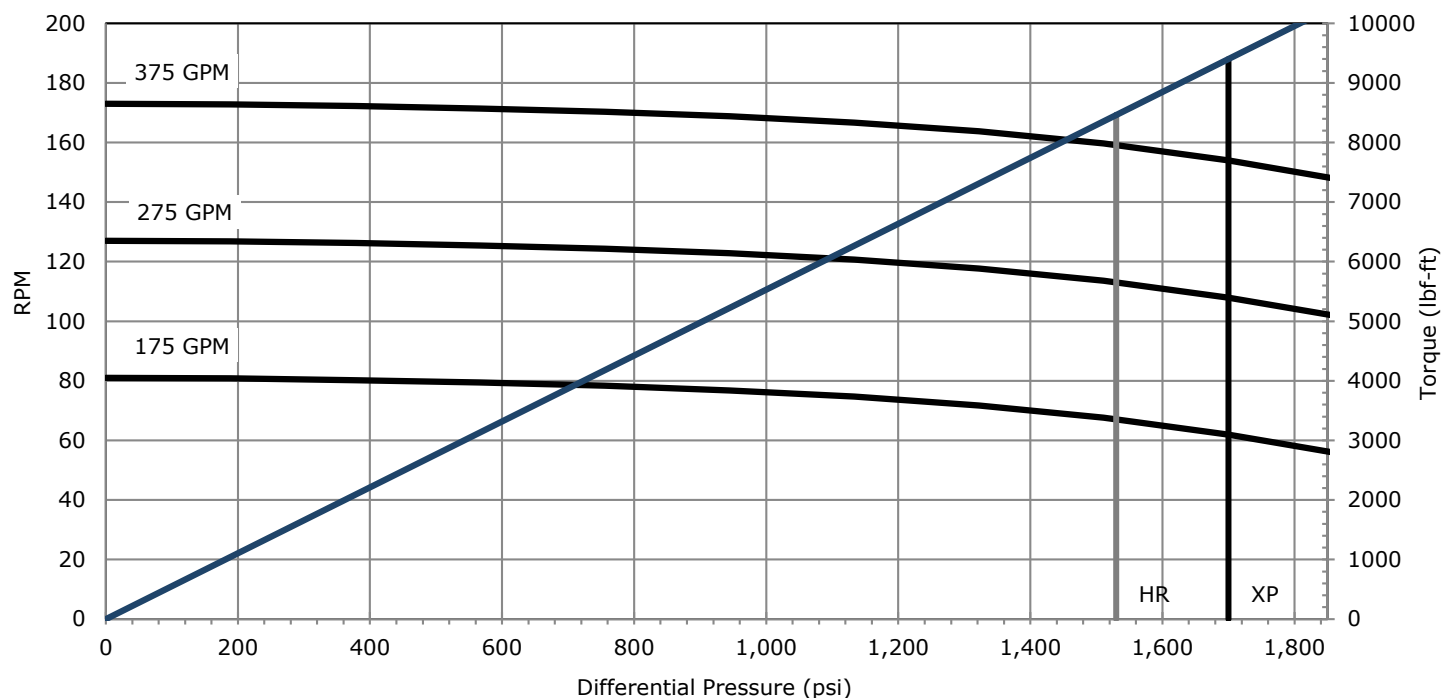
*Bend Setting not recommended for Rotary Drilling

Bend Setting	Slick Hole Size	Stabilized Hole Size
Deg	6 3/4	6 3/4
0.75	-	4.7
1.25	4.5	7.9
1.50	6.1	9.4
1.75	7.7	11.0
1.83	8.2	11.5
2.00	9.3	12.6
2.12	10.1	13.3
2.25*	11.0	14.1
2.38*	11.8	14.9
2.50*	12.6	15.7

Performance Details

	HR	XP
Max Diff Pressure	1,530	1,680 psi
Max Torque	8,460	9,310 lbf-ft
Stall Torque	12,690	13,960 lbf-ft
Rotation	0.460	0.460 rev/gal
Flow Range	175-375	175-375 gpm
Speed Range	80-180	80-180 rpm

Theoretical Performance Curve



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