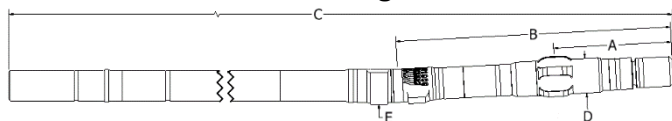


RVDF-55 : 7/8 Lobe 8.4 Stage



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	363 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 NC-44	
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	-	4.9
1.25	4.6	8.2
1.50	6.3	9.8
1.75	8.0	11.4
1.83	8.6	12.0
2.00	9.7	13.1
2.12	10.5	13.8
2.25*	11.4	14.7
2.38*	12.3	15.5
2.50*	13.1	16.3

Performance Details

	HR	XP
Max Diff Pressure	1,890	2,080 psi
Max Torque	6,860	7,550 lbf-ft
Stall Torque	10,290	11,320 lbf-ft
Rotation	0.700	0.700 rev/gal
Flow Range	150-350	150-350 gpm
Speed Range	105-250	105-250 rpm

Theoretical Performance Curve

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

