



Rotary Steerable Assist™

Rotary Steerable Assist™ (RSA) is a mud motor designed for rotary steerable applications that incorporates high thrust capacity bearings in both on-bottom and off-bottom conditions for motor-assist rotary steerable drilling applications. The revolutionary sealing technology utilizes multiple active and redundant seals to ensure continuous sealing integrity with optimum reliability. This enables 100% of the drilling fluid to pass through the motor to the rotary steerable.

Benefits

- 100% flow through resulting in no loss of flow to rotary steerable systems
- Ideal for mud operated rotary steerable applications
- Robust design to withstand rotary steerable and MWD below the motor
- High-torque drive line capable of handling higher stresses incurred from rotary steerable systems
- Designed to reduce bending stress on BHA

Performance

6100' Drilled in 24 Hours in the Southern Delaware Basin

ROTARY STEERABLE ASSIST™

6100' of 8-1/2" hole drilled in a 24-hour period with precise trajectory control throughout the entire length of the well

- **Total Drilling Hours** - <40
- **Total Lateral Footage:** 9,913'
- **Average ROP:** 269 ft/hr.



Available through Scout Downhole, our rental division, or through Scout Drilling Technologies, our directional drilling division.





Rotary Steerable Assist™

SPECIFICATIONS

	Tool Sizes
	5"
Overall Length	129-1/2" (3.2766 m)
Hole Size	6" - 6-3/4" (152 - 171 mm)
Max OD	5-1/4" (133 mm)
Lower Connection	3-1/2" IF PIN or as required*
Mandrel Connection Diameter	2.750 (70 mm)
Mandrel Minor Connection Diameter	2.550 (65 mm)
Mandrel Bore	1-1/4" (32 mm)
Maximum W.O.B.	72,000 lbs (32,027 daN)
Maximum Pull While Back Reaming	58,000 lbs (25,800 daN)
Maximum Bit Overpull to Re-Run	110,000 lbs (48,930 daN)
Dogleg Severity Limitation	12°/100

* Special connections available upon request

