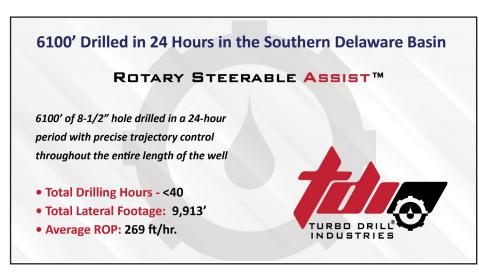
## **Rotary Steerable Assist™**

Rotary Steerable Assist<sup>™</sup> (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





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

+1 936.756.3255 / 1125 Beach Airport Road, Conroe, Texas 77301 / info@turbodrillind.com / www.turbodrillind.com







# **Rotary Steerable Assist**<sup>™</sup>

### **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





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