

CAM SCOUT

New Generation Steerable Motor for Shale Drilling Applications



CAM SCOUT® is a patented compound angle motor that incorporates an internal tilted mandrel with a traditional low external bend housing to achieve high build rates. The external bend assists with steerability and toolface control while allowing the drill string to rotate at very high speeds.

Utilizing advanced bearing technology, and new manufacturing techniques, CAM SCOUT was designed for vertical, curve, and lateral shale drilling applications. Various bend angles and stabilization options allow CAM SCOUT to be configured specifically for the intended application or hole section.

CAM SCOUT is also embedded with CuBIC® sensors from Sanvean Technologies, to record lateral and axial shock and vibration, string and bit RPM, and temperature above and below the motor. And they also map drilling dynamics response in different formations.

Benefits:

- High-dogleg capability
- High-surface RPM capability
- Can go from drilling the curve to drilling the lateral
- Neutral rotary build/drop tendency
- Built on proven bearing technology and driveline components
- Improved borehole quality
- Reduced vibration
- CuBIC embedded sensors add no additional length or connections to the motor and can be used for Condition-Based Monitoring and to enhance performance
- CuBIC eliminates anecdotal and opinionated decisions – make decisions based on downhole facts

CAM Specifications	6-1/2"	7-1/8"
Hole Size	7-7/8"	8-1/2" - 8-3/4"
Bit Box	4-1/2" Reg	4-1/2" Reg
Mandrel Bore	1-1/2"	1-3/4"
Maximum WOB - Dynamic	56,000 lbs	58,000 lbs
Maximum WOB - STATIC	160,000 lbs	165,000 lbs
Maximum Bit Overpull	197,000 lbs	280,000 lbs
Absolute Overpull	845,000 lbs	860,000 lbs
Bearing Section Torque Capacity	35,000 ft-lbs	44,500 ft-lbs



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