



## C-series AST

The C-Series AST is tailor made for the most extreme drilling suites in the industry that being the performance motor-powered, rotary steerable systems. These systems are designed and optimized to deal with the combination of challenging curvatures and long laterals. With its oversized 7" body, the C-Series AST tool fits the most powerful motors yet provides for outstanding flexibility and straight-line capability as needed.

### TOOL SPECIFICATIONS:

PARAMETER	METRIC	IMPERIAL
Length	4.62 m	15.15 ft
Stroke	0.20 m	8"
Max. OD	177.8 mm	7.00"
Min. ID	53 mm	2.08"
Mass	512 kg	1126 lbs
Max. RPM	300 @ 15 deg/30 m	300 @ 15 deg/100 ft
Ultimate tensile load	327 kdaN	720 klbs
Max. diff. pressure	690 bar	10 000 psi
Max. hydrostatic pressure	2000 bar (balanced)	30 000 psi (balanced)
Max. sand content	1 %	1 %
Max. DLS - rotary drilling*	12 deg/30 m	12 deg/100 ft
Max. DLS - sliding	25 deg/30 m	25 deg/100 ft
Max. temp. operational	200 °C (CT 220 °C)	390 °F (CT 425 °F)
Connection top	NC 50 box	NC 50 box
Make up torque	40 000 Nm	29 500 ftlbs
Connection bottom	NC 50 pin	NC 50 pin
Make up torque	40 000 Nm	29 500 ftlbs

Patented in key countries world wide

\* Special options for Medium Radius systems  
Configurations: CT = High Temp. (220 °C)  
CD = Standard

