



Drillguide WST



4 1/8" – 105 mm Wireless Steering Tool specifications

Tool OD	4 1/8" – 105 mm
Tool length (shoulder/shoulder)	14.8' – 450 cm
Thread connection pin/box	2 7/8" IF
Maximum make-up torque	7350 ftlb – 10 kNm
Net weight	500 lb – 230 kg
Hole/drill bit size	5"–6" – 130–150 mm
Minimum bending radius	260' – 80 m
Maximum flow rate	250 gal/min – 950 L/min
Battery life	12–16 hrs
Sensor(s) accuracy	Azimuth 0.3° / Pitch 0.1°/ Toolface 0.1°
Shoulder to sensor distance	1.8' – 53.5 cm
Annular pressure sensor position (distance from pin shoulder)	1.6" – 4 cm
Annular pressure sensor range	0–1450 psi – 0–10 000 kPa – 0–100 bar
Maximum allowed inner mud pressure	1015 psi – 7000 kPa – 70 bar
Inner mud pressure sensor range	0–1450 psi – 0–10 000 kPa – 0–100 bar
Electric power (output to downhole tool) – Wired	48 V DC
Electric power (maximum output from downhole tool) – Wireless	±24 V AC
Maximum allowed torque during operations	5900 ftlb – 8 kNm
Maximum allowed push/pull (on tool housing)	88 000 lb – 40 t
Maximum allowed temperature (on tool)	158 °F – 70 °C
Maximum allowed shock (on tool)	50 g (half sine wave)
Maximum allowed vibration (on tool)	20 g up to 200 Hz

Drillguide WST comes as a complete package with GPS track