



# Drillguide WST



## 3 3/4" – 95 mm Wireless Steering Tool specifications

|                                                               |                                          |
|---------------------------------------------------------------|------------------------------------------|
| Tool OD                                                       | 3 3/4" – 95 mm                           |
| Tool length (shoulder/shoulder)                               | 14.8' – 450 cm                           |
| Thread connection pin/box                                     | 2 3/8" IF                                |
| Maximum make-up torque                                        | 5150 ftlb – 7 kNm                        |
| Net weight                                                    | 400 lb – 180 kg                          |
| Hole/drill bit size                                           | 4 1/4"–4 3/4" – 110–120 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                      | 4100 ftlb – 5.6 kNm                      |
| Maximum allowed push/pull (on tool housing)                   | 44 000 lb – 20 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*