



Petrobras Style Torque Tool

This torque tool has been specifically developed to provide the highest level of performance. It has integral torque and turns counting sensors for closed loop control. When matched with a PSSL supplied control manifold, it can provide precise feedback on torque response of any subsea operation.

The tool conforms to the Petrobras style interface used in the subsea industry for valve overrides operated by ROV. Most common applications are used with Tool Deployment Units (TDU). It can be configured in three ways to provide 3 torque ranges, with a maximum of 2700Nm

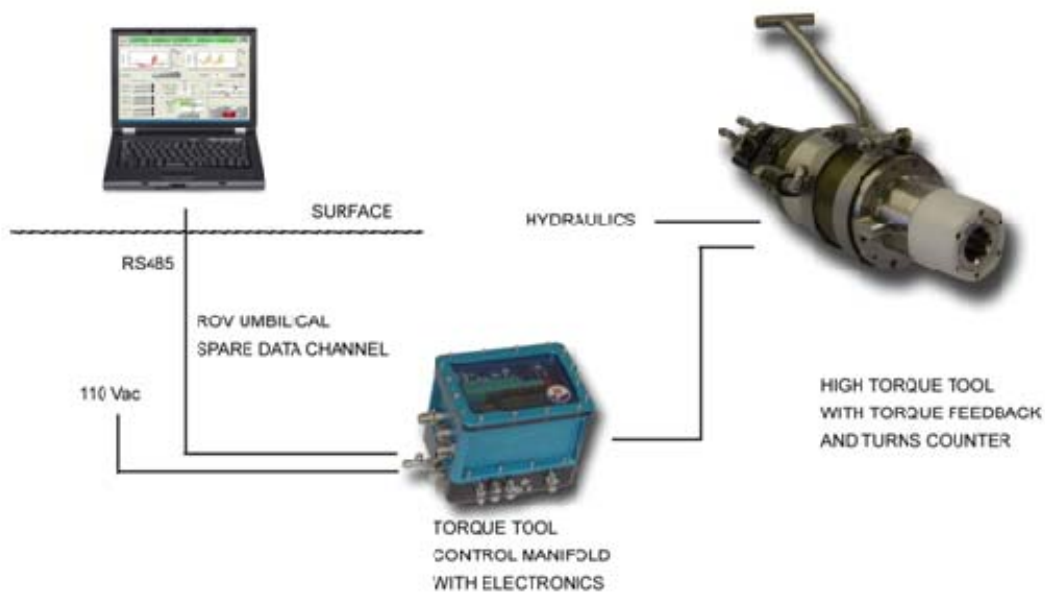
The tool uses a high specification drive motor for consistent torque output characteristics, even if used with direct hydraulic pressure control without the feedback sensor.

Features

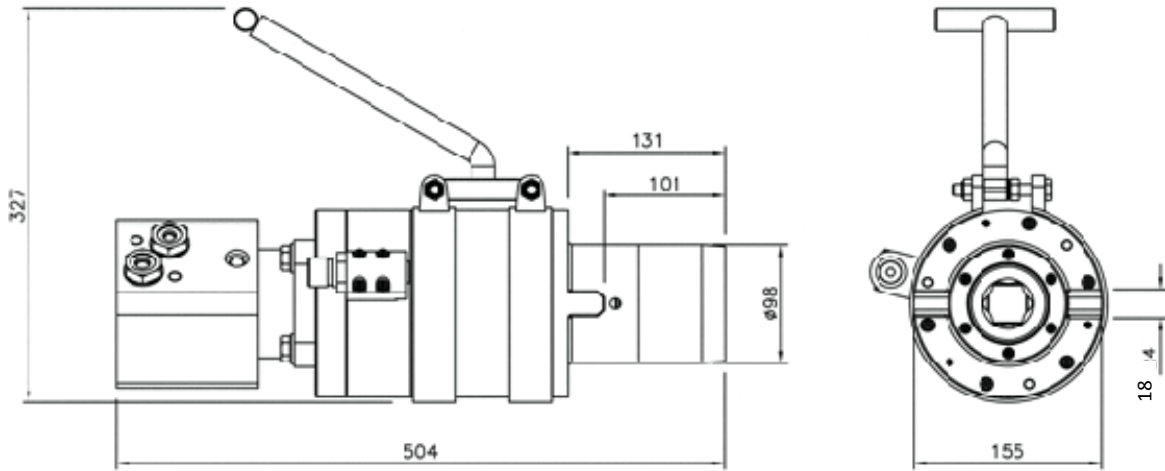
- Petrobras Style Interface
- 2700 Nm/2000 ft lbs max range
- Torque Feedback



Torque Tool & Control System Configuration



Dimensions



Specifications

Standard Interface:	Petrobras
Socket Sizes:	1-1/16", 1-1/4", 1-3/8", 1-5/16", 1-7/16" A/F hex
Torque Ranges:	
High	445-2700Nm (600-2000ftlbs)
Med	90-445Nm (120-600ftlbs)
Low	20-90Nm (25-120 ftlbs)
Motor Size:	80 cc
Materials:	Steel motor and gearbox, duplex socket, aluminium housing, duplex nose
Dry Weight:	32 kg/70lbs
Wet Weight	24kg/53lbs
Hydraulic:	Mineral Oil, 200 bar
Sensors:	Internal strain gauge torsion sensor Twin turns count sensors (inductive)
Electrical:	8 Pin Connector-Speed and Torque Feedback

Data Sheet: A001-350-034 issue 8

Options

- Torque ranges to suit low/medium/high
- Torque tool control system
- Torque verification unit
- Rear mounted turns counter

The specification details are illustrative for marketing purposes only. Actual equipment may be different as a result of product improvement or other reasons. Specific interface and performance information should be reconfirmed at time of order placement.