

Petrobras Standard

Torque Tool.



DESCRIPTION

This torque tool has been specifically developed to provide the highest level of performance. It has integral torque and turns count sensors. When matched with a FORUM 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

FEATURES

Petrobras Interface

Max Torque 2,700 Nm (2,000 ft lbs)

Dual Sensor Electronic Turns Counter

Internal Strain Gauge

Supplied in offshore suitable transit case

Three torque ranges



Petrobras Standard

Torque Tool.

SPECIFICATIONS

Electrical Connector:

Petrobras Standard Torque Interface:

Torque Range:

High 445-2,700Nm (600-2,000ftlbs) 90-445Nm (120-600ftlbs) Med 20-90Nm (25-120 ftlbs) Low Weight (Air/Water): 39/31 kg (85/68lbs) 8 Pin Burton

Dual Sensor Inductive Turns count sensor Sensors:

Mineral Oil Hydraulic:

1-1/16",1-1/4",1-3/8",1-5/16",1-7/16" A/F hex Socket Sizes:

WHAT'S IN THE BOX

Torque Tool. T-Bar Handle

Bladder style compensator

Socket 1-1/16" Hex Socket 1-1/4" Hex Socket 1-3/8" hex Socket 1-5/16" A/F hex Socket 1-7/16" A/F hex Burton Flying Lead

Operations & Maintenance Manual.

PART NUMBERS & OPTIONS

Petrobras Torque Tool A019-994-301/02

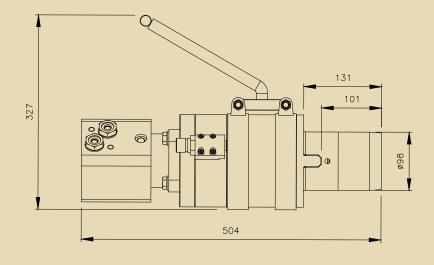
Spares Kit A019-904-301/S

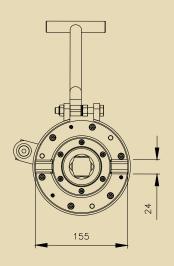
Surface Verification Unit. A019-958-152/2 Subsea Verification Unit. A019-958-601

Petrobras Adaptor for verification unit A019-958-175

Torque Tool Control System. A286-001-050/04

3 Stage Manifold. (Use instead of TTCS). A019-901-102 Subsea Torque and Turns Display A019-904-400/01





www.f-e-t.com/subseatooling

Datasheet #A001-350-034 issue 10