

TORQUE LIMITER TOOL

ROV Tooling



Description

Located on subsea structures and tooling all over the world, there are need-le valves or other valves that are sensitive to over torque.

To prevent damaging valves by over torque, Envirex have designed a ROV manip. operated torque tool for such applications. The tool can be adjusted to a maximum output torque setting to avoid damaging subsea valves caused by over torque. The torque limiter is highly accurate for both clockwise and counter clockwise turns.

Features

- Torque range from 10 to 135 Nm
- Adjustable maximum output torque
- Mechanically operated by ROV
- Accurate torque adjustment
- Low weight

SPECIFICATIONS

TORQUE LIMITER TOOL

General Technical Specifications

Type	Torque Limiter Tool
Part Number	103304
Dimensions	mm L546 x Ø95
Weight (in air / submerged)	kg ~15 / ~12

Hydraulic

Max. Inlet Torque	Nm 170
Max. Output Torque	Nm 135
Interface	Paddle valve, Class 1-2, Class 3 and Class 4 end effector

Torque Limiter Ranges

Configuration #1	Nm 10 - 35
Configuration #2	Nm 30 - 80
Configuration #3	Nm 40 - 135

General Features

Depth rating	MSW 3000
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