

TORQUE LIMITER TOOL

ROV TOOLING



Description

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

To prevent damaging valves by over torque, Envirex has designed a ROV manipulator operated torque tool for such applications. The tool can be adjusted to a maximum output setting to avoid damaging the subsea valves due to over torque.

The torque limiter is highly accurate for both clockwise and counterclockwise turns.

Typical Operations

- ▣ Torque Operations
- ▣ Operating Subsea Valves

Features

- ▣ Torque ranges 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 | L=546 mm x Ø95 mm |
| Weight in air / submerged | ~15 kg / ~12 kg |

Torque Range

| | |
|------------------|--|
| Configuration #1 | 10-35 Nm |
| Configuration #2 | 30-80 Nm |
| Configuration #3 | 40-135 Nm |
| Interface | Paddle valve, Class 1-2, Class 3, Class 4 and effector |

Technical

| | |
|--------------|----------|
| Depth Rating | MSW 3000 |
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