



The Class 4 to 5 Multiplier enables the use of a class 4 torque tool in a class 5 receptacle, by incorporating a gearbox to provide the output torque multiplication.

The torque tool multiplier provides a mechanical advantage to actuate components where relatively high torques is required, such as the manipulation of valves and any class 5 interface. A class 5 multiplier is simpler, lighter, more cost effective solution and easier to deploy operationally than a hydraulically actuated Class 5 torque tool. When coupled with a Smart Torque Tool Mk2, it provides greater accuracy, control and safety than other hydraulic tools that utilize relief valves for over-torque protection.

#### Features:

- Easy installation and removal
- Field proven
- ISO 13628-8 compliant
- Lightweight and compact design
- ROV deployable
- 3000 m rated compensation system

#### Specifications:

- |                             |                     |
|-----------------------------|---------------------|
| • Overall Dims              | 514L x290W x413H mm |
| • Weight in Air             | 47 kg               |
| • Weight in water           | 35 kg               |
| • Nominal Torque Ratio      | 1:3.8               |
| • Turns Ratio               | 1:4                 |
| • Input interface           | ISO Class 4         |
| • Output interface          | ISO Class 5         |
| • Max Torque Input          | 2360 Nm             |
| • Max Torque Output         | 8000 Nm             |
| • Depth rating (comp. loop) | 3000 m+             |
| • Subsea operational life   | 2 weeks             |

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