

TORQUE MULTIPLIER CLASS 4 - 7



DESCRIPTION

The Class 7 torque requirements demand a substantial 34 kNm / 25 klbft. Not all class 7 valves need the full 34kNm. Most class 7 torque tools have a very high starting torque levels, sometime very close to some upper limits of a subsea valve. This torque multiplier has a lower than normal torque multiplication so that lower torques can be easily achieved. This tool features a Class 7 output interface and a receptacle for a Class 4 torque tool. Between these two components is a 5.3 : 1 multiplication gearbox. This is an unlatched tool and would be mainly used for vertical valves.

FEATURES

- ISO 13628-8 class 4 and 7
- Up to 15kNm / lbs
- Class 4 torque tool input
- Compensation to full ocean depth
- Weight 95kg in air, and 68kg in water



SPECIFICATIONS

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|-------------------------------|-----------|
| • Female Interface | Class 4 |
| • Male Interface | Class 7 |
| • Max input torque | 3,700 Nm |
| • Max output torque | 20kNm |
| • Depth rating | Full Oean |
| • Weight in air | 95kg |
| • Torque multiplication Ratio | 5.3:1 |

DEPLOYMENT OPTIONS

- Lowered via crane to seabed and then placed in position by the ROV.
- Lowered in a basket to seabed.
- Lowered with the ROV, put into position and then tool latched into the class 4 bucket