



CI.4 to CI.7 Torque Adapter

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The CI. 4 to CI. 7 Torque Adapter is a gearbox for operating API 17H Class 7 interface valves with a Class 4 torque tool or actuator. The adapter can be provided with materials suitable for permanent installation subsea.

The gearbox provides 34 kNm output torque with input torque from standard API 17H Class 4, and consists of a housing with integrated planetary gears. An integrated locking mechanism is activated by ROV when lowering the bucket handle to horizontal position. The mechanism extends 2 off latches to engage with valve bucket.

As an option, the adapter can be manufactured with exposed parts in materials suitable for permanent subsea installation. The housing is filled with compensation oil with a dedicated compensator mounted on the side.

Key features

- API 17H Class 4 input interface
- API 17H Class 7 output interface
- ROV installable with locking mechanism

SIZE AND WEIGHT

Size:	Ø384 x 748 (575) mm
Weight in air:	58 kg
Weight in water:	47 kg

INTERFACES

Torque output:	Cl.7 socket
Locking:	Handle operated latches
Lifting:	ROV handle

MECHANICAL

Rated output torque:	34.000 Nm
Output turns:	Multiple
Depth rating:	3000 meters
Design life:	Tool / permanent (25 years)

