



### 001 CLASS 4 INPUT

Interface for standard Class 4 Torque Tool.  
Torque bucket with slots for Torque Tool latches.

# BLUE LOGIC API 17H / ISO CLASS 6 & 7 GEAR BOX SYSTEM

Gearboxes for all kinds of Subsea Torque  
operations

### 003 QUALIFIED ACCORDING TO API 17Q

Tested in static and dynamic test jig for 5 000 cycles.  
Destructive tested to 104 kNm (!) before failure.

### 005 PRESSURE COMPENSATED

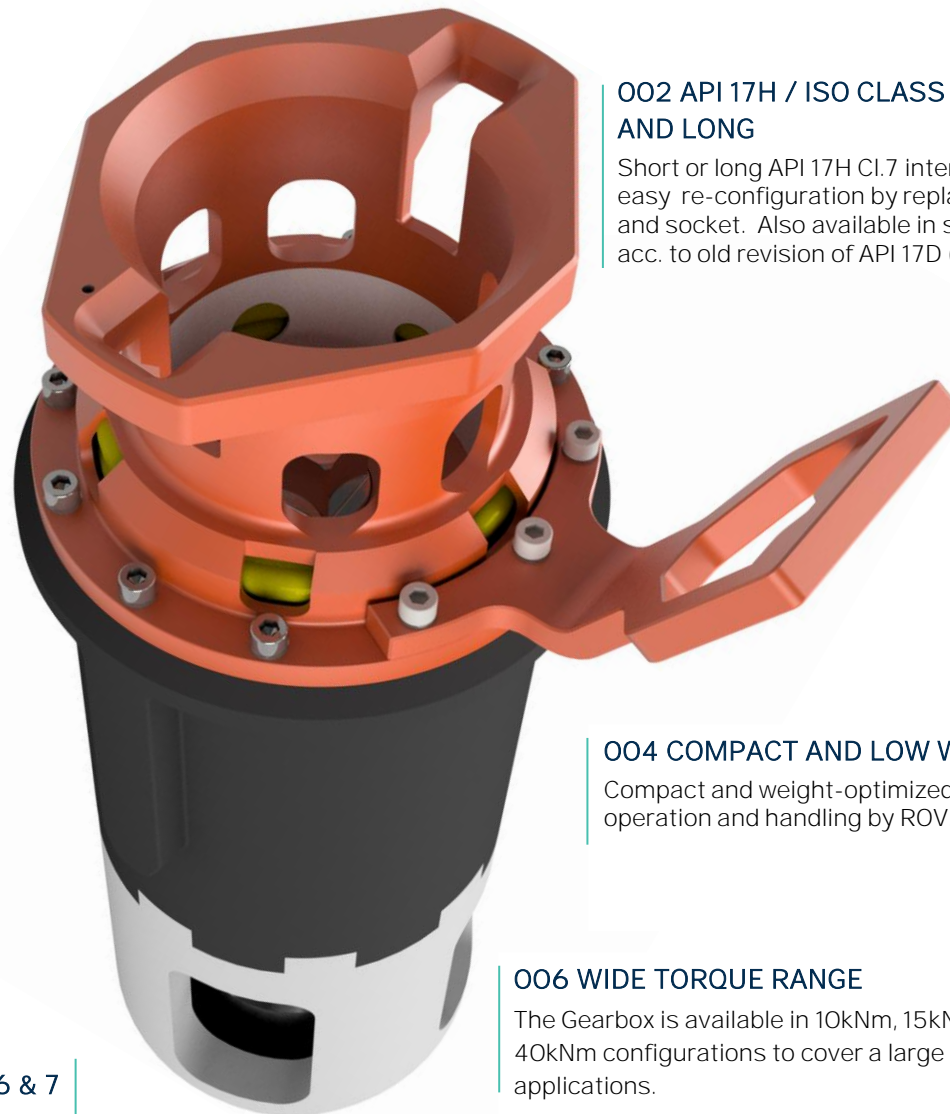
The Gearbox is oil-filled and pressure compensated,  
suitable for operations down to 3000m.

### 007 API 17H / ISO CLASS 6 & 7

Designed for operation of both Class 6 and Class 7 interfaces.  
Separate socket insert to adapt to Class 6 interface

### 002 API 17H / ISO CLASS 7 – SHORT AND LONG

Short or long API 17H Cl.7 interface. Quick and  
easy re-configuration by replacing tool nose  
and socket. Also available in short version  
acc. to old revision of API 17D (AKSO-version)



### 004 COMPACT AND LOW WEIGHT

Compact and weight-optimized for easy  
operation and handling by ROV.

### 006 WIDE TORQUE RANGE

The Gearbox is available in 10kNm, 15kNm, 25kNm and  
40kNm configurations to cover a large range of  
applications.



# BLUE LOGIC CLASS 6 & 7 GEARBOX

The Class 6&7 Gearbox is designed to allow operation of Class 7 and Class 6 interfaces using a Class 4 torque tool for maximum flexibility at minimum cost.

The gearbox can be configured for both short and long Class 7 interface, in addition to Class 6 using a square insert. Short interface socket according to old revision of API 17D Cl.7 (AKSO) available.

The gearbox is delivered as a complete kit including required components to adapt the tool to the interfaces as described above.

Available in 10kNm, 15kNm, 20kNm, 25kNm and 40kNm configurations. The oil-filled gear housing is pressure compensated by integrated compensator to allow operations down to 3000m depth.

Easy deck- replaceable interface to shift between short and long nose and other interfaces such as Aker Solution's GHD interface etc.

The Gearbox is available in long-term/permanent versions:

- 20kNm, article BC2236
- 25kNm, article BB8670
- 40kNm, article BBO321



**Cl6&7 Gearbox with conversion kit, i.e. short and long interface**

Torque / Article	10kNm / BA8497	15kNm / BA6847	20kNm / BC2236	25kNm / BB8670	40kNm / BA6403
<b>Standards</b>	API17H/ISO 13628-8				
<b>Input interface</b>	ISO Class 4 bucket				
<b>Output interface</b>	ISO Cl. 6&7 API 17D Cl.7 Short (AKSO)	ISO Cl. 6&7 API 17D Cl.7 Short (AKSO)	ISO Cl. 6&7 API 17D Cl.7 Short (AKSO)	API 17D Cl.7 Short (AKSO)	ISO Cl. 6&7 Short/Long API 17D Cl.7 Short (AKSO)
<b>Max torque / Gear ratio<sup>1</sup></b>	10kNm / 1:3,78	15kNm / 1:6	20kNm / 1:7,29	25kNm / 1: 9,766	40kNm / 1:14,273
<b>Dimensions</b>	Ø280 x 520 mm	Ø280 x 520 mm	Ø300 x 496	Ø300 x 496	Ø280 x 520 mm
<b>Weight in air</b>	61,6 kg	62,7 kg	83,1 kg	88,9 kg	71,1 kg
<b>Weight in water</b>	48,6 kg	49,6 kg	69,5 kg	75,1 kg	56,9 kg
<b>Depth rating</b>	3000 m				

1: Other gear ratios available upon request