

API 17H Class 6 & 7 Gearbox



The Blue Logic API 17H / Class 6&7 Gearbox is designed to enable 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. The gearbox is delivered as a complete kit including required components to adapt the tool to the interfaces as described above.

Specifications

Product	API 17H / Class 6&7 Gearbox
Country of origin	Norway
Manufacturer	Blue Logic

Available in 10kNm, 15kNm and 40kNm gear-ratio 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 also other interfaces such as Aker Solution's GHO interface etc. The Gearbox is also available in long-term/permanent version for prolonged subsea service.

Specifications

Torque / Article	10kNm / BA8497	15kNm / BA6847	20kNm / BC2236	25kNm / BB8670	40kNm / BA6403
Standards	PI17H/ISO 13628-8				
Input interface	ISO Class 4 bucket				
Output interface	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)
Max torque / Gear ratio¹	10kNm / 1:3,78	15kNm / 1:6	20kNm / 1:7,29	25kNm / 1: 9,766	40kNm / 1:14,273
Dimensions	Ø280 x 520 mm	Ø280 x 520 mm	Ø300 x 496	Ø300 x 496	Ø280 x 520 mm
Weight in air	61,6 kg	62,7 kg	83,1 kg	88,9 kg	71,1 kg
Weight in water	48,6 kg	49,6 kg	69,5 kg	75,1 kg	56,9 kg
Depth rating	3000 m				

