



### 001 DUAL SPEED SELECTION

ROV operated shift mechanism to select between high-speed/low torque and low-speed/high torque. Superb feature for clamp operation – significant time saver

### 002 FLEXIBLE POWER INPUT

AC or DC power, 145 – 350VDC or 110 – 250VAC. Power Factor Controller adapts to any power supply available from the host.

# BLUE LOGIC CLASS 7 ELECTRICAL TORQUE TOOL – DUAL SPEED

Electric C17 Torque Tool with speed/torque selection, ideal for clamp operations

### 003 LOG ALL PARAMETERS

All operations logged for operational reporting. Trending of required torque allows for condition monitoring of critical subsea applications over time.

### 004 POWER LIMIT FEATURE

Max. power during operation can be limited in GUI to suit any ROV. Perfect for ROVs with limited electrical power available. Stepless adjustable.

### 005 FIELD PROVEN CONTROL SYSTEM

Dedicated GUI for operation via laptop/PC, based on our CL1-4 Torque Tools.

Large range of settings and auto functions.  
Integration with external control system feasible

### 006 SMOOTH OPERATION

Precise motor controller enables gentle operation. Ramp up and ramp down feature ensures careful operation of critical applications.

### 007 PREDEFINED OPERATIONS

Setup for specific operations can be predefined in GUI wrt. max torque, ramp-up/down, speed, turns, direction etc. Crucial for delicate operations.





# BLUE LOGIC CLASS 7 ELECTRICAL TORQUE TOOL

The Blue Logic Class 7 Electrical Torque Tool utilize technology and advantages based on modern servo-based electrical controlled drive system to enable precise control of rotational speed, angular position and torque output.

To save valuable operation time, the C17 Torque Tool has a speed/torque selector to enable shifting between high-speed/low torque and low-speed/high torque. This feature makes the tool ideal for operation of clamps etc. involving a large number of revolutions at low torque. At final make-up, shifting to low-speed/high torque setting allows for efficient torquing.

Optional Equipment:

- Torque verification jig, deck testing

Article No.	BC1119
Depth rating	3000 m
Supply voltage	110-250 VAC 50/60 Hz or 145-350 VDC
Standards	API17H/ISO 13628-8
Output socket	API17H/ISO 13628-8 Class 7
Dimensions	Ø260 x 708 mm
Weight in air	85,0 kg
Weight in seawater	59,0 kg
Torque range, high-speed	0 – 3 kNm
Torque range, low-speed	3 – 40 kNm
Low torque, speed	6,5 - 14,3 RPM
High torque, speed	0,5 - 1,0 RPM
High torque accuracy	10%
Low torque accuracy	10%
Positioning precision	2°
Max. power consumption*	2000 W
Max current draw*	20 A
Communication	RS232 or RS485, Modbus RTU Protocol
Electrical interface	8 pin Burton 5506-2008 connector

\*Max. power can be limited in GUI to suit ROV's output capacity



BC1119 Class 7 Torque Tool



BB0199 Test Jig Cl.7