EVOTORQUE®2

The EvoTorque®2 is an electronic torque tool designed to accurately apply torque to threaded fasteners. Tools are factory calibrated to ±3% of reading. The unique 'intelligent joint sensing' technology continually measures the joint during tightening and when necessary, employs dynamic braking to avoid torque over-shoot due to motor inertia. Consequently, EvoTorque®2 can apply torque accurately over a wide range of joint rates from hard (high torque rate) through to soft (low torque rate). All EvoTorque®2 tools are highly tolerant of supply voltage and frequency variation. If the supply voltage is outside of tolerance then, as a safety feature, the tool will be prevented from starting.

The EvoTorque®2 has the ability to memorise multiple targets, work IDs, user IDs and readings. A work sequence (flow) can be performed on the EvoTorque®2, taking the user through a pre-defined tightening sequence. The tool has four modes of operation: Torque, Torque & Angle, Torque & Angle with Final Torque and Torque Audit. The unique Audit Mode is a sophisticated feature for testing pre-tightened bolts with minimal impact on the original fastening torque and can provide quality control data for monitoring joint performance over time. With accuracy and repeatability of ±3% of the setting, EvoTorque®2 offers many features including:

- Multiple units of torque measurement, N·m, lbf·ft, ft·lb and kgf·m
- Calibrated from 20% to 100% of tool range
- Torque, Torque & Angle and Torque Audit modes available
- Display and on-board storage of final torque or torque and angle values
- Memory capacity for 3,000 readings, time and date stamped
- USB and Bluetooth® 4.0 data transfer (also called Bluetooth® Smart)
- Complementary PC software 'EvoLog' for data management and tool configuration
- 12 user IDs can be downloaded to the tool and results can be stored against individual users
- Results can be output in CSV (comma-separated values) format for users not able to use EvoLog
- 'Usage' counter gives the ability to see the amount of times the tool has been used since the last reset
- 'Turn Angle' option can be used to check if bolts have already been tightened in an assembly process
- Supplied with a traceable calibration certificate for torque and angle as standard. Calibrated from 20% to 100% of tools maximum torque capacity, clockwise only

ET2-1000 & 1350

ET2-2700

ET2-4000

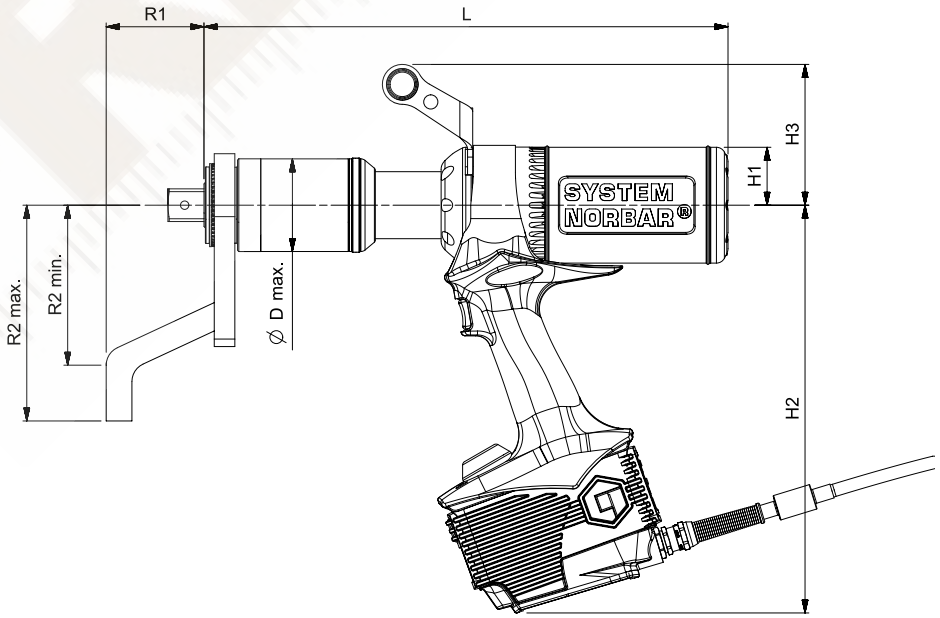
ET2-7000

EVOTORQUE®2

11	EVOTORQUE 2 - 110 V
180230.B06	ET2-72-1000-110, ¾" sq. dr., 200 - 1,000 N·m
180231.B06	ET2-72-1350-110, ¾" sq. dr., 270 - 1,350 N·m
180232.B08	ET2-72-2000-110, 1" sq. dr., 400 - 2,000 N·m
180239.B08	ET2-80-2700-110, 1" sq. dr., 540 - 2,700 N·m
180238.B08	ET2-92-4000-110, 1" sq. dr., 800 - 4,000 N·m
180236.B12	ET2-119-7000-110, 1½" sq. dr., 1,400 - 7,000 N·m

11	EVOTORQUE 2 - 230 V
180220.B06	ET2-72-1000-230, ¾" sq. dr., 200 - 1,000 N·m
180221.B06	ET2-72-1350-230, ¾" sq. dr., 270 - 1,350 N·m
180222.B08	ET2-72-2000-230, 1" sq. dr., 400 - 2,000 N·m
180229.B08	ET2-80-2700-230, 1" sq. dr., 540 - 2,700 N·m
180228.B08	ET2-92-4000-230, 1" sq. dr., 800 - 4,000 N·m
180226.B12	ET2-119-7000-230, 1½" sq. dr., 1,400 - 7,000 N·m

Model		ET2-1000 ET2-1350	ET2-2000	ET2-2700	ET2-4000	ET2-7000
Part Number		180230.B06 180220.B06 180231.B06 180221.B06	180232.B08 180222.B08	180239.B08 180229.B08	180238.B08 180228.B08	180236.B12 180226.B12
Output Speed (rpm)		21 (ET-72-1000) 17 (ET-72-1350)	11	10	6	3.3
Dimensions (mm)	ØD max.	72	72	80	92	119
	H1	45	45	45	45	45
	H2	317	317	317	317	317
	H3	109	109	109	109	109
	L	366	407	363	417	440
	R1	71	76	76	70	90
	R2 min.	124	124	124	125	160
	R2 max.	167	167	167	175	210
Tool Weight (kg)		10.4	10.8	10.8	12.9	16.8
Reaction Weight (kg)		1.5	1.5	1.5	2.6	3.9



Patented in the UK and Germany (EP2699389) and in the USA (US9676086).