



# **IQT-N** Range

# Marine Navy Applications

In a world where operability and reliability are of paramount importance, the IQT-N actuator builds upon the success of the original IQT electric actuator.

Specifically designed to meet the needs of modern warship design, the IQT-N has been independently tested for shock tolerance and meets the requirements of most worldwide surface ship applications.

The compact IQT-N actuator offers a low cost, reliable, virtually maintenance free, lightweight 'fit and forget' solution which offers control options fitting with the management of shipboard critical systems.

Various optional upgrades are available including:

 Fire protection exceeding ANSI/API607 and UL1709 (1,093 °C / 2,000 °F for 30 minutes)\*

IQ-Insight PC software, when used in conjunction with the Rotork *Bluetooth®* Setting Tool Pro, allows all IQ set-up configuration and datalogger information to be transferred to a PC, reviewed analysed and reconfigured. Reconfigured files can then be uploaded to the actuator.

### IQT-N offers the following powerful features

- 3-phase and 1-phase power supplies
- Modulating duty option
- Full-turn and multiport option
- Shock tolerant
- Compact design
- Environmental protection to IP68 (7 m for 72 hours)

### Setting Tool Pro features

- Stores downloaded data for analysis with IQ Insight PC software
- Fast, easy configuration of multiple actuators on-board using transferable settings feature
- Intrinsically safe robust construction

ACTUATOR	MAXIMUM TORQUE
IQT-N125	125 Nm / 92 lbf.ft
IQT-N250	250 Nm / 185 lbf.ft
IQT-N500	500 Nm / 369 lbf.ft
IQT-N1000	1,000 Nm / 738 lbf.ft
IQT-N2000	2,000 Nm / 1,476 lbf.ft

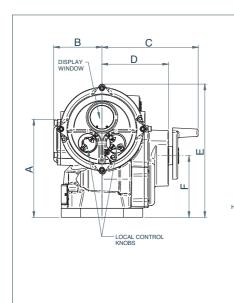
<sup>\*</sup> Please consult Rotork for various options such as semi-rigid enclosures (blankets). Intumescent coating is not available for this product.



## **Keeping the World Flowing**

# IQT-N Range

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IQT-N 125-500

203

127

277

225

190

134

98

109

105

Dimension

D

M

Measurement (mm)

IQT-N 1000-2000

249

246

170

340

157

227 128

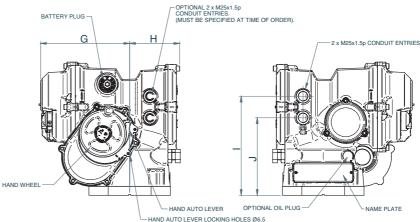
253

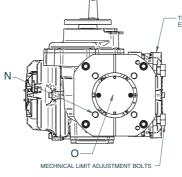
198

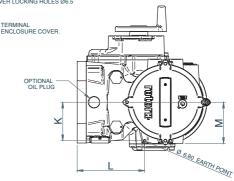
98

172

105







N = IQT-N 125-500: 4 x MOUNTING HOLES TAPPED 16 mm DEEP: EITHER ISO5211 F10 (M10x1.5p ON A 102 PCD)

IQT-N 1000-2000: 4 x MOUNTING HOLES TAPPED 22 mm DEEP: EITHER ISO5211 F14 (M16x2.0p ON A 140 PCD) OR MSS SP-101 FA14 (5/8"-11 UNC ON A 5.5" PCD)

**O = IQT-N 125-500**: DRIVE COUPLING - ISO5211 (42 mm MAX BORE) MSS SP-101 (1.65" MAX BORE) IQT-N 1000-2000: DRIVE COUPLING - ISO5211 (60 mm MAX BORE) MSS SP-101 (2.36" MAX BORE)

A full listing of the Rotork sales and service network is available on our website.

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