

DV

DNV approved electric actuators for shipbuilding



Valpes.com

 **valpes**
A **WATTS** Brand



DNVGL-CG-0339
part 4 chapter 9
(certificate n° TAA00002M9
& TAA00003BH)

- IP68 10 meters during 72 hours

- Version with high durability marine coating for corrosive atmospheres

- 50,000 operations or 3-year-warranty

- Up to 1000 Nm

- Options available:
BBPR battery backup
Positioning 4-20 mA and 0-10 V
3 positions 0°-90°-180°
Modbus-RTU
Bluetooth® AXMART® interface

Designed for **shipbuilding**

Electric actuators with DNV compliance as **Systems and components** and **control and monitoring systems**

Rules for classification:
Ships, offshore units and high speed & light craft



Approved for

Ballast

Water tanks

Compressors

Engine rooms

Lubrication oil separators

Cargo holds and bilge wells

Keel

Control room

Drying systems

Ventilation ducts

Accommodations

Switchboard rooms



Available in

BBPR version

Embedded battery backup position recovery system which operates the actuator up to defined position, closed or open, in case of power failure

Available in

Modbus version

Modbus-RTU fieldbus communication



Available in

POSI version

Integrated positioning unit with 4-20 mA or 0-10 V analogical signal

Available in

Bluetooth® version

Real time actuator parameters check
Weekly programming
Actuator setup
Local control



Voltages

25 to 300 Nm : 100 V to 230 V 50/60 Hz (100 V to 350 V DC)
15 V to 30 V 50/60 Hz (12 V to 48 V DC)

400 to 1000 Nm : 100 V to 230 V 50/60 Hz (100 V to 300 V DC)
24 V to 48 V 50/60 Hz (24 V to 72 V DC)

ISO connection

F05/F07 star drive 17 mm (25-75 Nm)
F07/F10 star drive 22 mm (100-300 Nm)
F10/F12 star drive 36 mm (400-1000 Nm)

Duty factor

CEI 34-1 S4 50 %

Weight

7 to 8.4 kg (25-300 Nm)
25 kg (400-1000 Nm)

DNV-GL Location classes

Temperature D
Humidity B
Vibration B
EMC A
Enclosure D