

# DV

DNV-GL approved electric actuators for shipbuilding



[Valpes.com](http://Valpes.com)

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



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

•  
IP68 10 meters during 72 hours

•  
Version with high durability marine coating for corrosive atmospheres

•  
50,000 operations or 3-year-warranty

•  
Up to 300 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-GL 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**

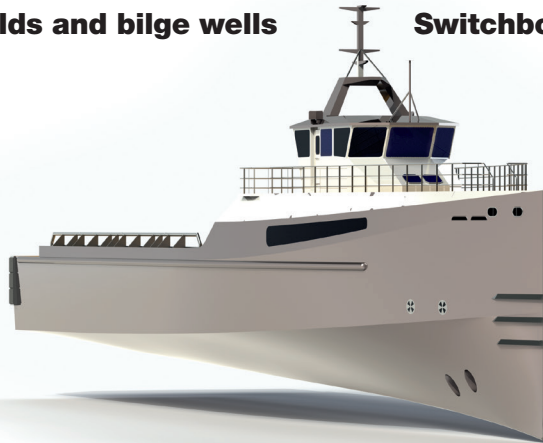
**Control room**

**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**

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)

**ISO connection**

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

**Duty factor**

IEC 34-1 S4 50 %

**Weight**

6.4 kg

**DNV-GL Location classes**

Temperature D  
Humidity B  
Vibration B  
EMC A  
Enclosure D