

# ELECTRIC ROTATIONAL ACTUATOR TYPE ESO-07

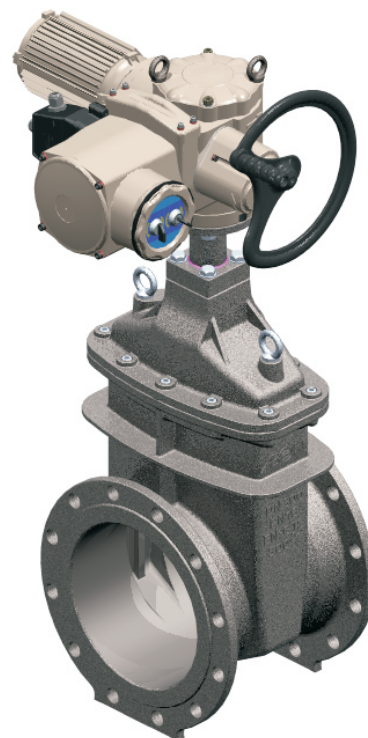
Applied for drive of the gate valves and channel non-return gates

Fixing connector, according to the ISO 5210 standard (connectors F14 or F16)

Compact design and modular construction

Protection degree IP65 or IP 67

Possibility of mounting on the fittings made by various manufacturers



## Application

The Electric Rotational Actuator type ESO-07 designed for driving of control closing components (gate valves, channel non-return gates) and other devices in the control and adjustment systems. Actuator can be equipped with the position indication system (recommended transmitters EPO-02 or EPO-03), or with Controller ESA-01 for control by means of three-term signal or continuous signal of 4...20 mA.

## Technical Data

<b>Power supply</b>	3x400 V AC <sup>10%</sup> <sub>-15%</sub> , 50 Hz
<b>Rated torque</b>	125 Nm; 160 Nm; 250 Nm; 400 Nm; 800 Nm; 1000 Nm
<b>Rotational speed</b>	10 rpm; 25 rpm; 40 rpm; 63 rpm
<b>Number of rotations</b>	from 3 to 240 rpm
<b>Duty type</b>	S2-30 minutes
<b>Control signal</b>	S4-25% maximum 1200 cycles/h without controller; changing of motor power supply phases with controller: analogue continuous signal 4...20 mA or three-term control signals 24 V DC / 12 mA
<b>Position indication signal</b>	4...20 mA
<b>Protection degree</b>	IP65 Standard IP67
<b>Working temperature</b>	od -25°C...+70°C (Normal) od -40°C...+55°C (Low temperatures)
<b>Working position</b>	Unrestricted
<b>Vibration frequency</b>	<7,1 mm/s
<b>Relative humidity</b>	up 95%, with short-term condensation
<b>Lubrication</b>	Gadus S2 V220, producer: Shell
<b>Mass</b>	approx. 45 kg
<b>Microswitches</b>	type 83.133 54ER14.1
- usage category AC-15	2,5 A - przy Ue = 230 V 50 do 60 Hz
- usage category AC-13	0,3 A - przy Ue = 230 V DC
	Minimum voltage and switching current: 10 V, 20 mA