BELIMO®

Гидромаш Инжиниринг
044-502-39-31

Rotary actuator for ball valves

- **Nominal torque 2 Nm**
- **Nominal voltage AC/DC 24 V**
- **Control Open-close, 3-point**

Technical data

Electrical data	Nominal voltage	AC/DC 24 V
	Nominal voltage frequency	50/60 Hz
	Nominal voltage range	AC 19.2...28.8 V / DC 21.6...28.8 V
	Power consumption in operation	0.5 W
	Power consumption for wire sizing	0.5 VA
	Connection supply / control	Cable 1 m, 3 x 0.75 mm²
	Parallel operation	Yes (note the performance data)
Functional data	Torque motor	Min. 2 Nm
	Manual override	Gear disengagement with push-button
	Running time motor	35 s / 90°
	Sound power level motor max.	45 dB(A)
	Position indication	Mechanical
Safety	Protection class IEC/EN	III Safety extra-low voltage
	Degree of protection IEC/EN	IP40
	EMC	CE according to 2004/108/EC
	Certification IEC/EN	IEC/EN 60730-1 and IEC/EN 60730-2-14
	Mode of operation	Type 1
	Rated impulse voltage supply / control	0.8 kV
	Control pollution degree	3
	Ambient temperature	-7...50°C
	Non-operating temperature	-40...80°C
	Ambient humidity	95% r.h., non-condensing
	Maintenance	Maintenance-free
Weight	Weight approx.	0.4 kg

Продукция сертифицирована в Украине

Product features

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Direct mounting	Simple direct mounting on the ball valve with only one screw. The mounting orientation in relation to the ball valve can be selected in 90° increments.
Manual override	Manual override possible with lever (the gearing is disengaged as long as the self-resetting lever is pressed).
Combination valve/actuator	Refer to the valve documentation for suitable valves, their permitted medium temperatures and closing pressures.

Electrical installation

⚠	**Notes**	• Connection via safety isolating transformer. • Parallel connection of other actuators possible. Observe the performance data.

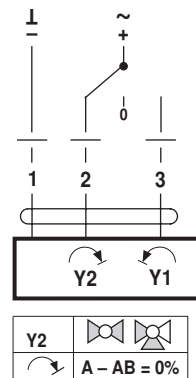### Wiring diagrams

AC/DC 24 V, open-close

Y2	⋈	⋈
↷	A – AB = 0%	
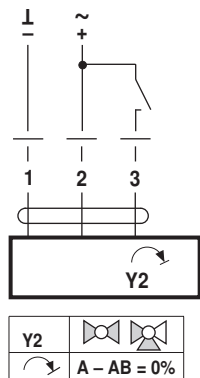
Cable colours:
1 = black
2 = red
3 = white

AC/DC 24 V, 3-point

Y2	⋈	⋈
↷	A – AB = 0%	

Cable colours:
1 = black
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Dimensions [mm]

Dimensional drawings