BELIMO

Technical data sheet

TRY230

Rotary actuator for ball valves
- **Nominal torque 2 Nm**
- **Nominal voltage AC 230 V**
- **Control Open-close, 3-point**

Technical data

Electrical data	Nominal voltage	AC 230 V
	Nominal voltage frequency	50 Hz
	Nominal voltage range	AC 207...253 V
	Power consumption in operation	1.5 W
	Power consumption for wire sizing	2.5 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	with hand crank
	Running time motor	35 s / 90°
	Sound power level motor	45 dB(A)
	Position indication	Mechanical
Safety	Protection class IEC/EN	II Protective insulated
	Degree of protection IEC/EN	IP40
	EMC	CE according to 2014/30/EU
	Low voltage directive	CE according to 2014/35/EU
	Certification IEC/EN	IEC/EN 60730-1 and IEC/EN 60730-2-14
	Mode of operation	Type 1
	Rated impulse voltage supply / control	4 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	0.31 kg

TRY230

Product features

Simple 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° steps.

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.

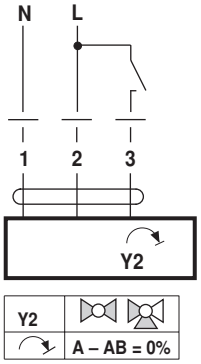
Electrical installation

Notes

- Caution: Power supply voltage!
- Parallel connection of other actuators possible. Observe the performance data.

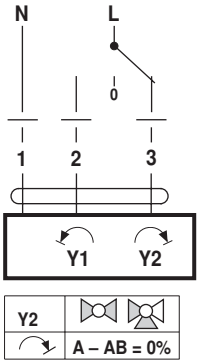
Wiring diagrams

AC 230 V, open-close



Cable colours:
1 = blue
2 = brown
3 = white

AC 230 V, 3-point



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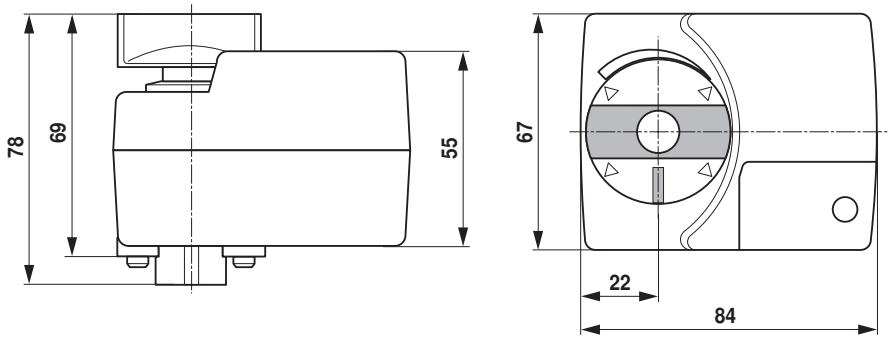
Dimensions [mm]

Dimensional drawings



Further documentation

- Overview Valve-actuator combinations
- Data sheets for ball valves
- Installation instructions for actuators and/or ball valves
- General notes for project planning