

- Aeraulic
- Actuator 30 Nm - 6m²
- Proportional
- Safety dampers



Actuators with spring reset 30Nm modulating 0-10V type EF 24A-SR

Servomotor with spring return for air volume safety dampers of up to 6 m² depending on the type of air valve and the pressure on the valves. Simple direct mounting on the damper axle with a universal spindle clamp, supplied with an anti-rotation strap to prevent the actuator from rotating

Brand

- Belimo

Application

- Safety dampers

Specifications

- Torque 30 Nm
- Nominal Voltage 24 V AC / DC
- Control: modulating standard control signal DC 0-10 V, position feedback DC 2-10 V. The measuring voltage U allows the damper position (0-100%) to be electrically indicated and serves as a follow-up control signal for other actuators

Accessoires

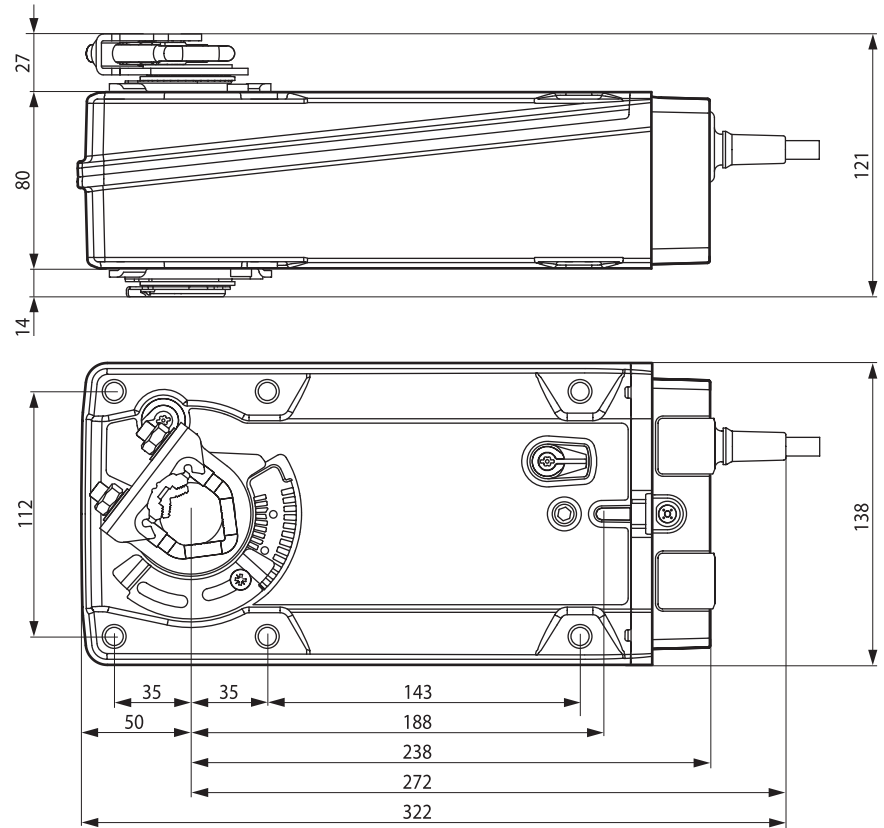
- Positioners, type **SGA24 / SGF24**

Technical data

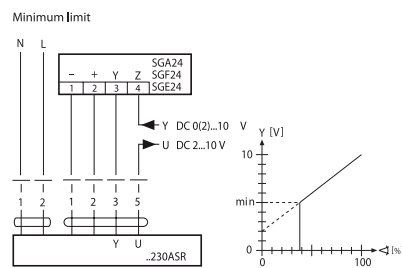
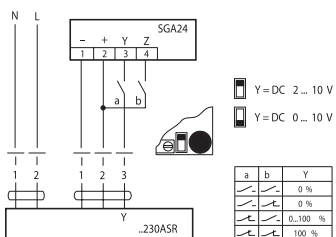
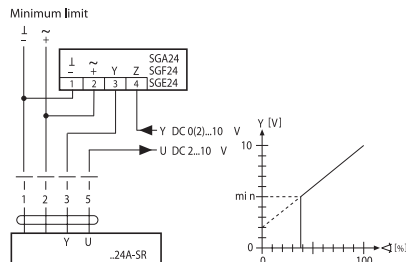
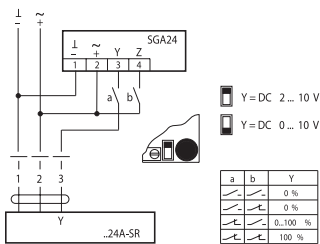
- Power consumption:
 1. In operation: 7 W @ nominal torque
 2. At rest: 4.5 W
 3. For wire sizing: 12 VA
- Control:
 1. Control signal Y: DC 0-10 V, typical input impedance 100 kΩ
 2. Working range: DC 2-10 V
- Position feedback (Measuring voltage): DC 2-10 V, max. 0.5 mA
- Position accuracy: +/- 5%
- Direction of rotation: reversible by mounting
- Direction of rotation at Y = 0 V: at switch position 0 resp. 1
- Angle of rotation: max. 95° , limited on both sides by means of adjustable, mechanical end stops. The actuator is overload proof; requires no limit switches and automatically stops when the end stop is reached
- Running time motor : < 150 s
- Running time spring return : < 20 s
- Sound power level: max. 71 dB (A)
- Degree of protection: IP54 in any mounting position

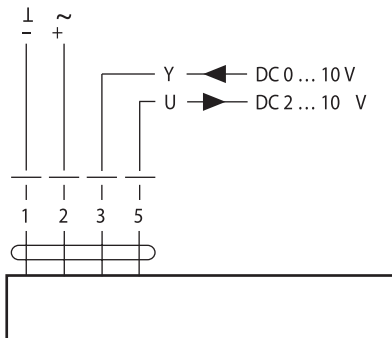
	Min. 117
	Min. 20

	12...22		12...18
	22...26.7		12...18



Wiring diagram



Electrical diagram

1: black
2: red
3: white
5: orange

Text for tender

- The servomotor shall be of the modulating with spring return type with signal 0-10 V with torque of 30 Nm for direct mounting on the damper axe. 24V, angle max 95° with mechanical end stops. Protection class III safety extra-low voltage, IP 54 in any mounting position EMC: CE 2004/108/EG