SM24 Damper actuator 15 Nm

BELIMO



Dampers up to approx. 3 m²

Open/Close actuator (AC/DC 24 V)

2-wire control

Improved functional safety
The damper actuator has no limit switches and is overload-proof. It stops automatically when it reaches the damper or actuator end stop.

Easy functional check
A functional check of damper operation is simplicity itself: the gearing can be disengaged by simply pressing a pushbutton on top of the case. While the pushbutton remains depressed, the damper can be operated by hand.

Simple installation
The damper actuator is fitted with a universal spindle clamp for quick and easy mounting directly on the damper spindle. The actuator is supplied with an anti-rotation strap for fixing it in position.

Electrical accessories

S1, S2	Auxiliary switches, page 13
SZS	Mid-position switch, page 14
P…	Feedback potentiometer, page 15

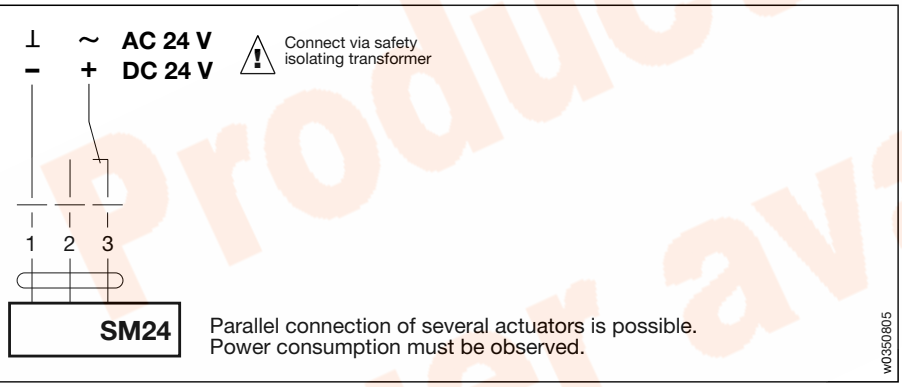
Mechanical accessories

ZG-SM2	Damper linkage kit, page 17
ZDB	Limit stop, page 17

Mounting instructions, page 18

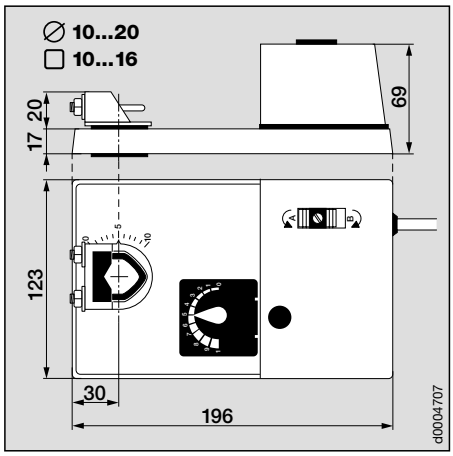
Important
Read the notes about the use and torque requirements of the damper actuators on page 3.

Wiring diagram



Technical data	SM24	
Nominal voltage	AC 24 V 50/60 Hz,	DC 24 V
Nominal voltage range	AC 19.2...28.8 V,	DC 21.6...26.4 V
For wire sizing	4 VA	
Power consumption	1.8 W	
Connecting cable	0.9 m, 3×0.75 mm²	
Direction of rotation	reversible with switch A/B	
Torque at rated voltage	min. 15 Nm	
Angle of rotation	mechanically limited to 95°	
Running time	90…150 s (0…15 Nm)	
Sound power level	max. 45 dB (A)	
Position indication	0…10 (0 = stop ↶) and reversible indicator	
Protection class	(safety extra-low voltage)	
Degree of protection	IP 54 (bottom cable entry)	
Ambient temp. range Non-operating temp. Humidity test	– 30… + 50 °C – 40… + 80 °C to EN 60335-1	
EMC	CE according to 89/336/EEC, 92/31/EEC, 93/68/EEC	
Maintenance	maintenance free	
Weight	1400 g	

Dimensions



Products no longer available

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