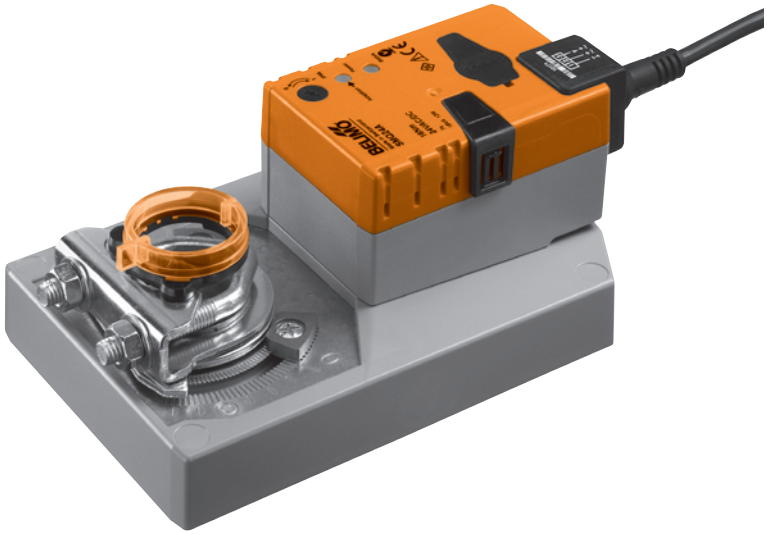
Technical data sheet SMD24R

Damper actuator for operating air control dampers in ventilation and air-conditioning systems for building services installations

- **For air dampers up to approx. 3.2 m²**
- **Torque 16 Nm**
- **Nominal voltage AC/DC 24 V**
- **Control: Open-close (not made for 3-point applications)**
- **Running time 15 s**



Technical data

Electrical data	Nominal voltage		AC 24 V, 50/60 Hz / DC 24 V
	Nominal voltage range		AC 19.2 ... 28.8 V / DC 21.6 ... 28.8 V
	Power consumption	In operation	15 W @ nominal torque
		At rest	2 W
		For wire sizing	26 VA (I max. 20 A @ 5 ms)
	Connection		Cable 1 m, 3 x 0.75 mm²
Functional data	Torque (nominal torque)		Min. 16 Nm @ nominal voltage
	Direction of rotation		Reversible with switch 0 ↶ resp. 1 ↷
	Manual override		Gearing latch disengaged with pushbutton, can be locked
	Angle of rotation		Max. 95°∢, can be limited at both ends with adjustable mechanical end stops
	Angle of rotation limiting		min. 30°∢
	Running time		15 s / 90°∢
	Automatic adjustment of operating range to match the mechanical angle of rotation		Manual triggering of the adaption by pressing the «Adaption» button
	Sound power level		52 dB (A)
	Position indication		Mechanical, pluggable
	Negative torque	⚠	≤50% from nominal torque (Caution: can only be used with restrictions. Please contact your Belimo representative.)
Safety	Protection class		**III** Safety extra-low voltage
	Degree of protection		IP54 in any mounting position
	EMC		CE according to 2004/108/EC
	Certification		Certified to IEC/EN 60730-1 and IEC/EN 60730-2-14
	Mode of operation		Type 1
	Rated impulse voltage		0.8 kV
	Control pollution degree		3
	Ambient temperature		–30 ... +40°C (no restrictions)
		⚠	+40 ... +50°C (Caution: can only be used with restrictions. Please contact your Belimo representative.)
	Non-operating temperature		–40 ... +80°C
	Ambient humidity		95% r.H., non-condensating
	Maintenance		Maintenance-free
Dimensions / Weight	Dimensions		See «Dimensions» on page 3
	Weight		Approx. 1.7 kg