

Damper actuators for rail vehicles. The fresh air experience.

> We set standards.
www.belimo.eu



Specially developed for stressful situations.

Belimo is the only supplier in the world to offer an independent range of actuators for air dampers in rail vehicles. These devices drive our motor technology – famous for its robust design and extreme resistance to wear and vibration – to success in yet another challenging segment. Specially developed for the extreme operating conditions that prevail in rail vehicles, they are certified to EN 50155 and EN 50121-3-2.

Proven in extreme conditions

In high-speed or local trains, underground metros and modern trams, thousands of Belimo damper actuators have for years ensured an optimum climate in driver's cabs and passenger compartments. Their compact design makes for effortless installation, even in inaccessible positions or when space is scarce. Developed specifically to withstand the high stresses of rail transport, these actuators are totally insensitive to vibrations and bumps, frequent changes of temperature, condensation (e.g. when driving through tunnels) or dirt.

Perfectly matched standard range

The standard product range (5 Nm) includes several different nominal voltages and covers a broad spectrum of needs and requirements in rail vehicles, rendering voltage transformers unnecessary. Types with open-close or modulating control can be supplied alongside bus-capable, parameterisable MP actuators. Control is either direct over the proven Belimo MP-Bus or via gateways. Clamps and positive fits guarantee an absolutely secure connection to any spindle type. A choice of orange or grey housings is available for the complete power supply range.


BELIMO[®]

Damper actuators for rail vehicles. Uniquely versatile.



Actuators 5 Nm	AC/DC 19.2...28.8 V					DC 34...140 V		Accessories
	LM24A...	LM24A-S...	LM24AP5...	LM24A-SR...	LM24A-MP...	LM72A...	LM72A-SR...	 Auxiliary switch S2A
Function								
Open-close	•	•	•	-	-	•	-	-
Modulating 2...10 V	-	-	-	•	-	-	•	-
MP-Bus	-	-	-	-	•	-	-	-
Design								
Integrated auxiliary switch	-	1 x	-	-	-	-	-	2 x
Integrated 5 kΩ potentiometer	-	-	•	-	-	-	-	-
Terminal connection IP54	•	•	•	•	-	1)	1)	•
Cable connection	-	-	-	-	•	•	•	•
Housing orange	•	•	•	•	-	•	•	-
Housing grey	•	•	•	•	•	-	-	•
Clamp	•	•	•	•	•	•	•	-
Positive fit (8 x 8, 10 x 10, 12 x 12)	•	•	•	•	•	•	•	-
Fixed-mounting gear	•	•	•	•	•	•	1)	-

1) = Available on request

Belimo worldwide: www.belimo.com



5 year
warranty



On site around
the globe



Complete
range



Tested
quality



Short delivery
times



Comprehensive
support

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