

LH and SH linear actuators. Efficient pull and thrust.



> We set standards.
www.belimo.eu

Adjustable settings up to 300 mm.

The linear actuators from Belimo set new standards: Unique in their class they push and thrust up to 300 mm, down to a millimetre if necessary – without the auxiliary stroke devices required by other makes. That simplifies installation and relieves the budget.

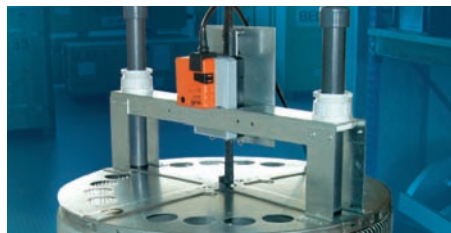
Perfect motorisation for actuators with linear motions

The LH and SH actuators from Belimo motorise equipment with linear motions, such as long range nozzles, swirl-air outlets and cabin units on ships, as well as mixing units in dual channel systems and ash gratings in wood pellet units. Selectable gear rods of 60, 100, 200 and 300 mm allow a wide spectrum of applications and make auxiliary stroke devices superfluous – both in new installations and when replacing electrical and pneumatic rod solutions. The mechanical and electronic stroke limiters can be set on both sides and guarantee high positioning accuracy.

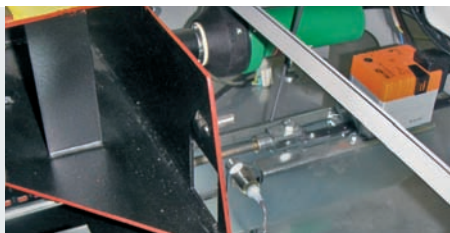
The right type for every application

The new linear actuators are available in two rating classes: As LH actuators (150 N) for control devices up to approx. 1 m² and as SH actuators (450 N) for devices up to approx. 3 m² damper area. The robust brushless motors are quiet and guarantee a long working life. Various control types (open-close, 3-point, modulating) and intelligently controlled MF and MP types offer the perfect solution for any application – whether it be conventional, with individual parameter setting or for cost-saving system integration via the Belimo MP-Bus®.

LH and SH linear actuators. Different force, same stroke.



Swirl-air outlet



Ash grating



Ceiling air outlet

Product range / technical data						
LH actuators (150 N)						
Gear rod length 60 mm	LM24A60	LM230A60	–	–	LM24A-MF60	–
Gear rod length 100 mm	LH24A100	LH230A100	LH24A-SR100	LH230A-SR100	LH24A-MF100	LH24A-MP100
Gear rod length 200 mm	LH24A200	LH230A200	LH24A-SR200	LH230A-SR200	LH24A-MF200	LH24A-MP200
Gear rod length 300 mm	LH24A300	LH230A300	–	–	LH24A-MF300	LH24A-MP300
SH actuators (450 N)						
Gear rod length 100 mm	SH24A100	SH230A100	SH24A-SR100	SH230A-SR100	SH24A-MF100	SH24A-MP100
Gear rod length 200 mm	SH24A200	SH230A200	SH24A-SR200	SH230A-SR200	SH24A-MF200	SH24A-MP200
Gear rod length 300 mm	SH24A300	SH230A300	–	–	SH24A-MF300	SH24A-MP300
Open-close / 3-point	•	•	–	–	–	–
Control DC 0...10 V	–	–	•	•	•	•
Operating range DC 2...10 V	–	–	•	•	•	•
Position response DC 2...10 V	–	–	•	•	•	•
Voltage supply	AC/DC 24 V	AC 230 V	AC/DC 24 V	AC 230 V	AC/DC 24 V	AC/DC 24 V
Mechanical stroke limitation	•	•	–	–	•	•
Electronic stroke limitation	–	–	–	–	•	•
Choice of stroke direction	•	•	•	•	•	•
Protection class IP54	•	•	•	•	•	•
Parameter setting ¹⁾	–	–	–	–	•	•

¹⁾ control, operating range, feedback, running time and other functions (with PC-Tool or the parameter setting device)

Mechanical accessories		
Coupling pieces Z-KS1 for SH with M8 thread Z-KS2 for LH with M6 thread		Rotary support Z-DS1
		Stop kit (20 pieces) Z-AS1 for SH Z-AS2 for LH
Electronic accessories for SR types		
Position sensor SGA24, SGF24, SGE24		Range controller SBG24
		Position indication ZAD24

Belimo worldwide: www.belimo.com



5 years
warranty



Worldwide
on site



Complete
range



Tested
quality



Short delivery
times



Comprehensive
support

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