



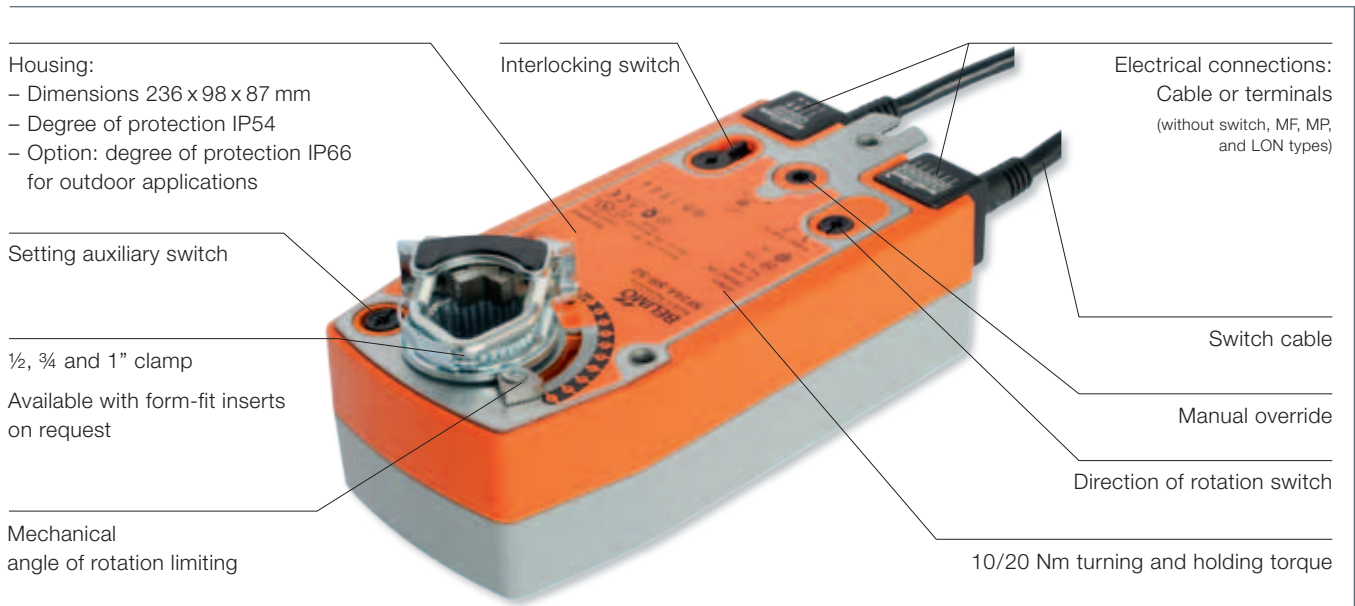
## The new spring-return actuators NF/SF. Safe, strong, reliable.



The new generation of spring-return actuators from Belimo is based on the proven technology of the legendary AF. actuators. With powerful torques of 10 and 20 Nm, respectively, the NF and SF types ensure absolute reliability, not only in standard mode but also in the event of an emergency. Two housing shells, welded together with ultrasound, reinforced with steel plates and hollow pillars, provide them with non-permeability and stability. In the event of a voltage interruption, the dampers or valves coupled with the actuator are moved automatically into the predefined emergency setting position. This means that your systems are reliably protected against expensive damage caused by frost, water and steam.

# The new spring-return actuators NF/SF.

## Versatile and simple.



Types	Running time		Electrical connection		Spindle holder		Angle of rotation limiting, mechanical	Selectable direction of rotation (left/right)	Degree of protection IP66
	Motor	Spring	PVC 1 m FRNC 1, 3, 5 m	Terminal connection	Clamp	Form-fit			
230V, open-close	< 75 s/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
230V, open-close (S2)	< 75 s/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
24V, open-close	< 75 s/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
24V, open-close (S2)	< 75 s/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
24... 230V, open-close	< 75 s/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
24... 230V, open-close (S2)	< 75 s/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
24V, modulating 2...10V	150 s*/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
24V, modulating 2...10V (S2)	150 s*/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
24V, modulating 0...10V	150 s*/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
24V, modulating 0...10V (S2)	150 s*/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
24V, MF (3-point)	150 s**/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
24V MP	150 s**/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)
24V LON	150 s**/95°	≤ 20 s/95°	•	•	•	•	•	•	(***)

\* Programmable only ex-works/70...220 s    \*\* Control, operating range, position feedback, running time and further functions are parameterisable with Service Tool ZTH-GEN or PC-Tool MFT-P    (\*\*\*) Degree of protection IP66 possible by means of additional protective box ex-works

Belimo worldwide: [www.belimo.com](http://www.belimo.com)



5-year warranty



On site around the globe



Complete product range



Tested quality



Short delivery times



Comprehensive support

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