



BELIMO NF Series Spring Return Damper Actuator Instruction Manual

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BELIMO NF Series Spring Return Damper Actuator



Product Information:

The product is identified by the model numbers NF(..)A(-S2) or SF(..)A(-S2).

Key Specifications:

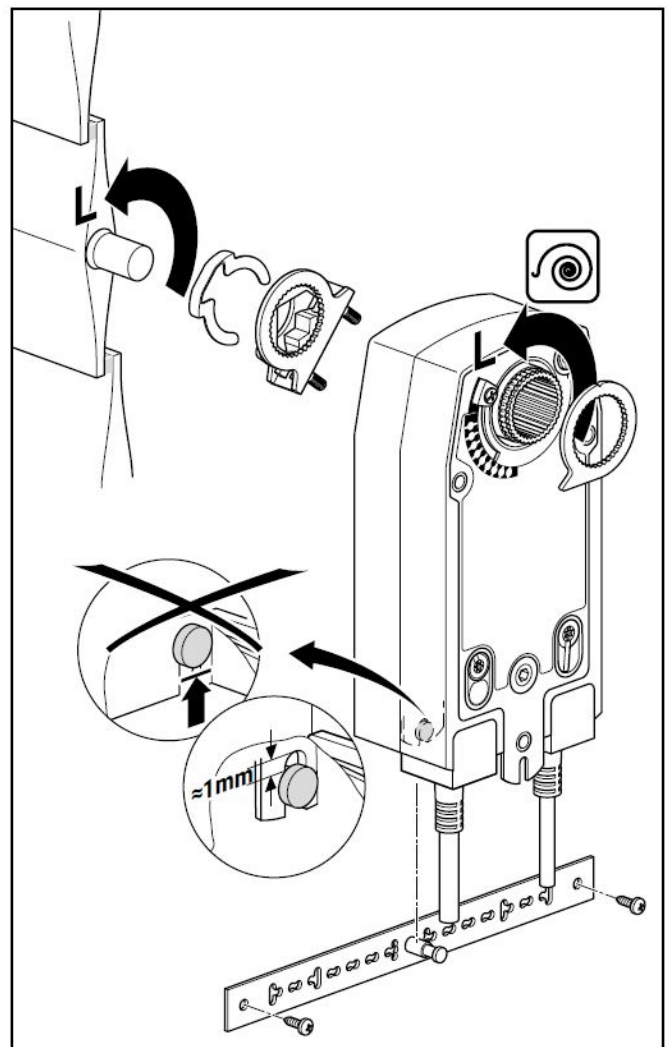
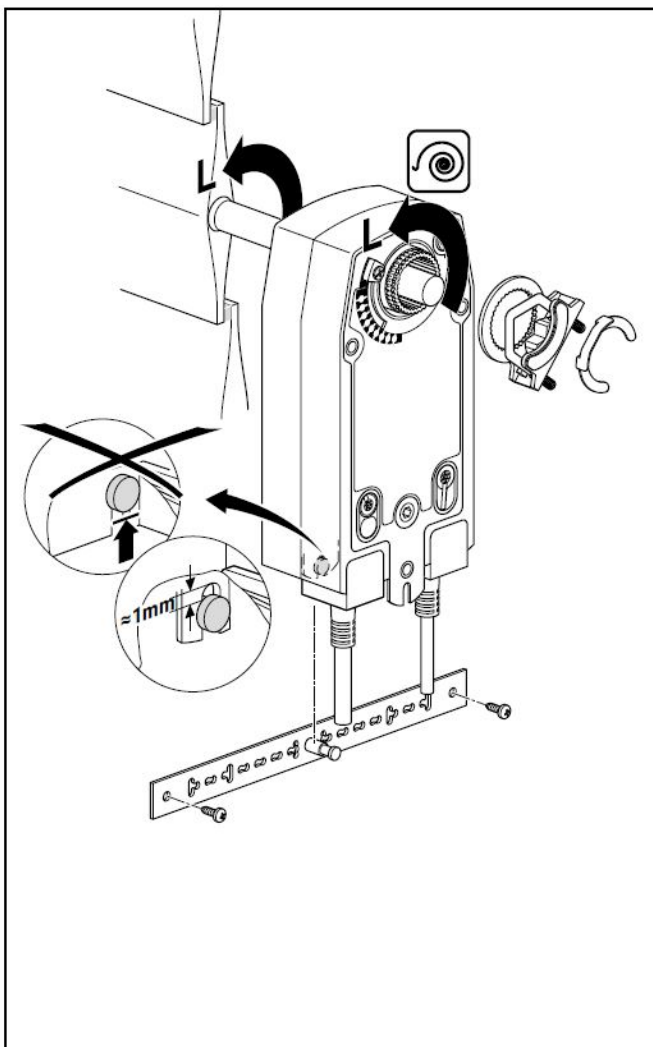
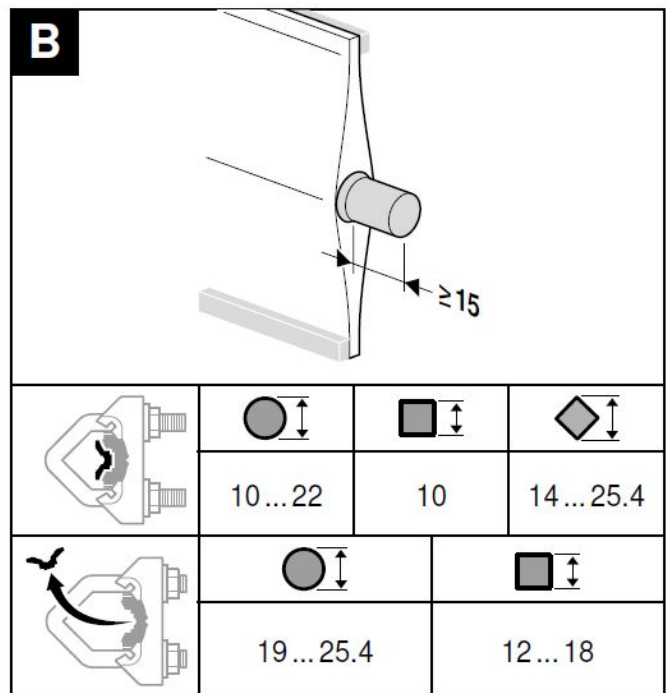
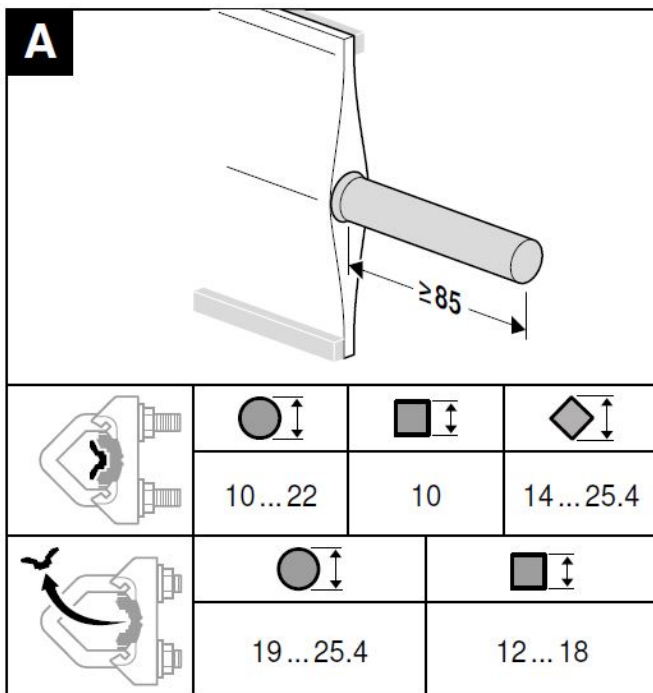
- Operating Voltage: AC 24 V / DC 24 V
- Temperature Range: 10°C to 22°C
- Valve Stroke: 10 mm to 14 mm
- Valve Diameter: 19 mm to 25.4 mm
- Pressure Range: 12 bar to 18 bar
- Flow Rate: 15 l/min
- Tightness: 1mm
- Torque: 10 Nm
- Duty Cycle: 33% to 100%

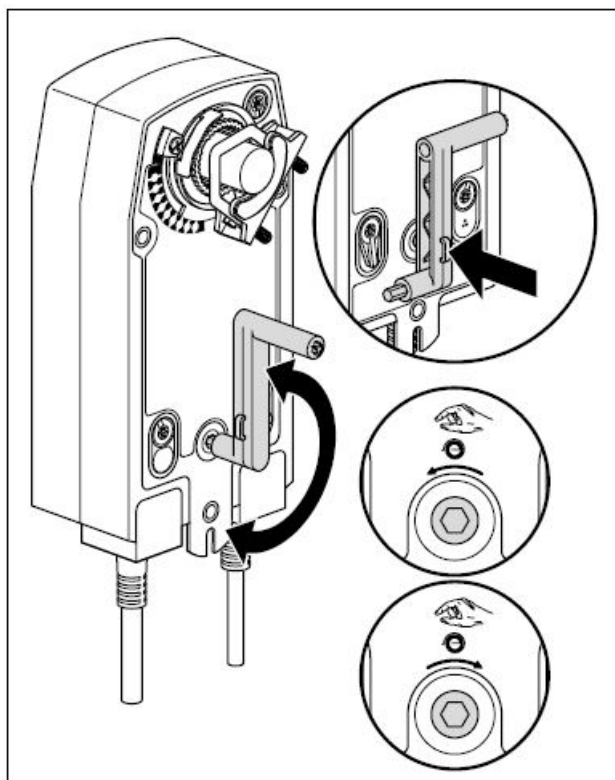
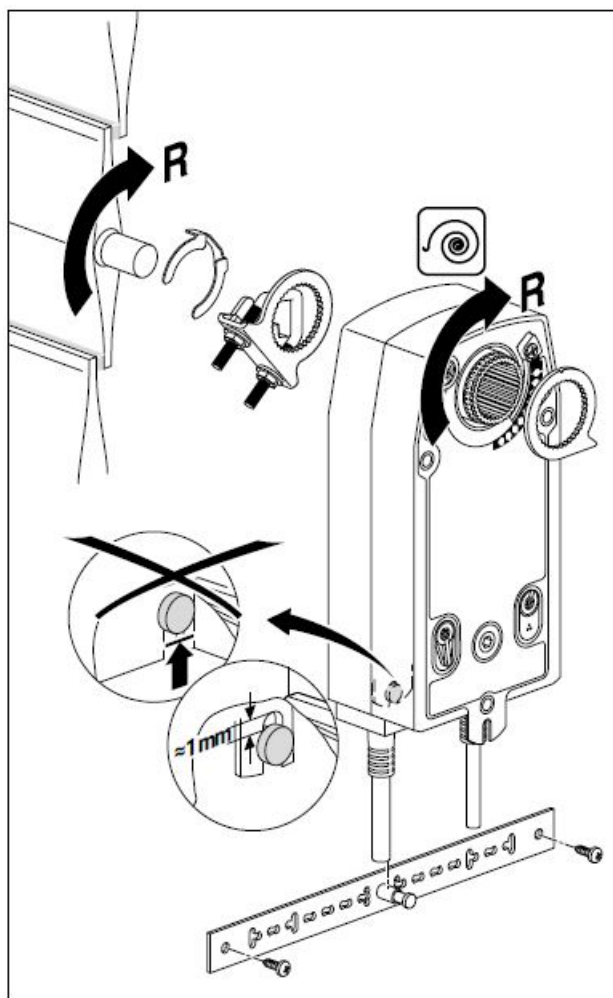
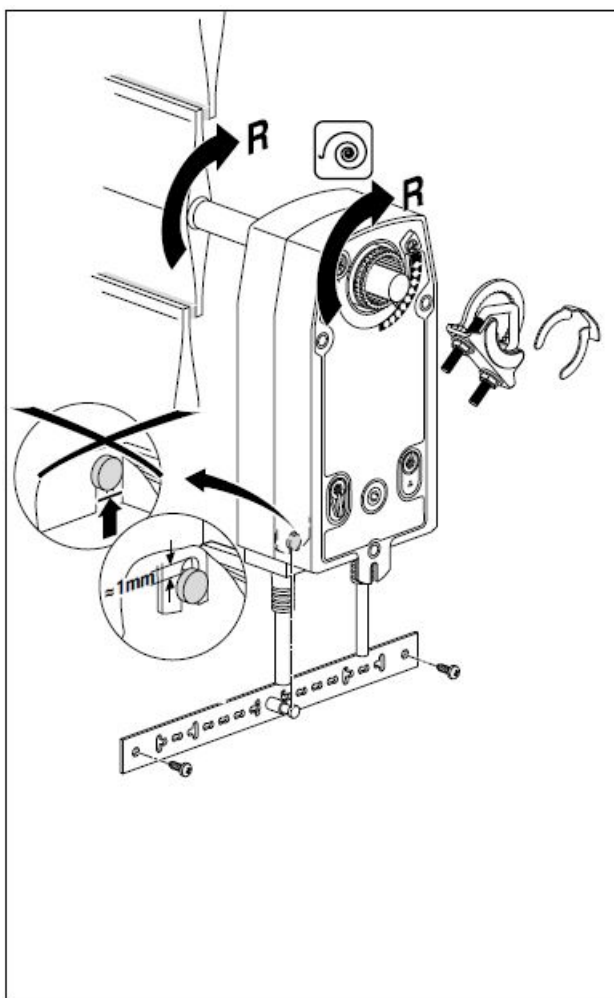
Product Usage Instructions

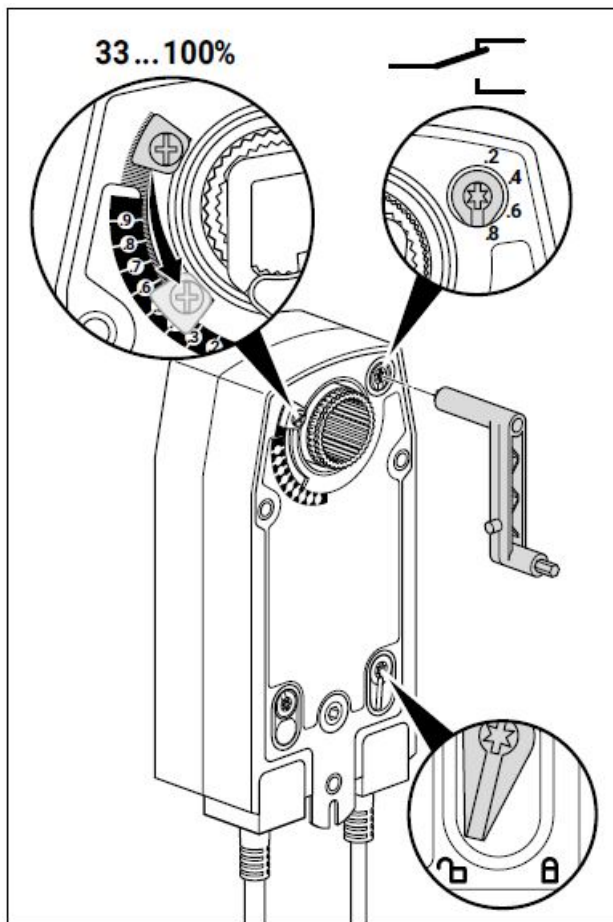
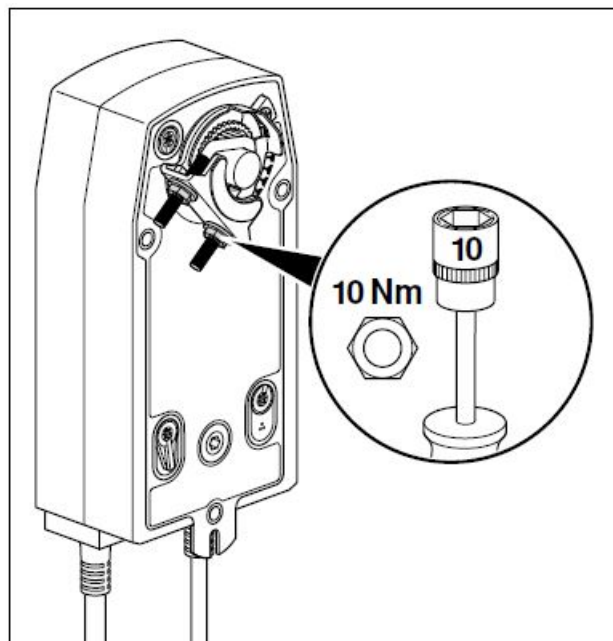
1. Make sure to connect the product to an appropriate power source with an operating voltage of AC 24 V or DC 24 V.
2. Ensure that the temperature range is set between 10°C and 22°C.
3. Adjust the valve stroke within the range of 10 mm to 14 mm.
4. Select the appropriate valve diameter between 19 mm and 25.4 mm.
5. Set the pressure range between 12 bar and 18 bar.
6. Ensure a flow rate of 15 l/min.
7. Check the tightness of the valve, ensuring it is set to 1mm.
8. Apply a torque of 10 Nm during installation.
9. Adjust the duty cycle between 33% and 100% based on your requirements.

For more information, visit the [Belimo website](#) or refer to the [safety guidelines](#).

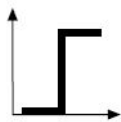
INSTRUCTION



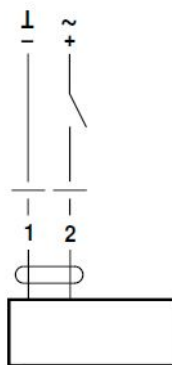




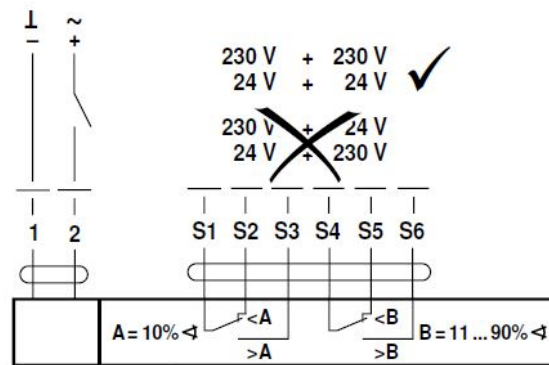
DIMENSION



AC 24 V / DC 24 V

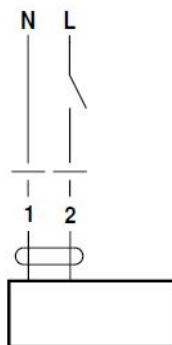


NF24A
SF24A

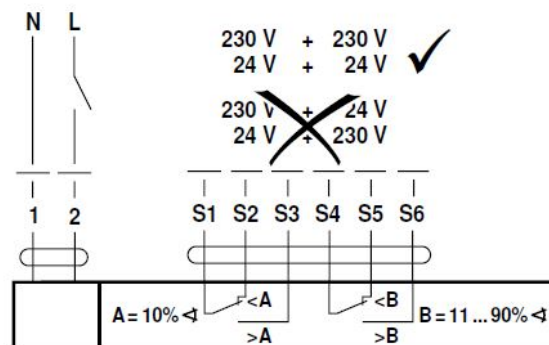


NF24A-S2
SF24A-S2

AC 230 V ⚠

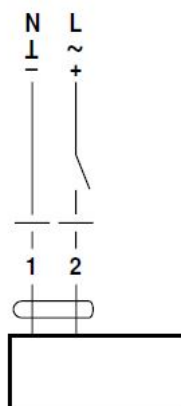


NF230A
SF230A

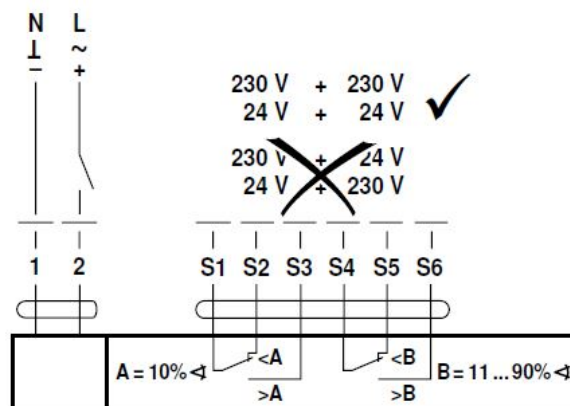


NF230A-S2
SF230A-S2

AC 24...240 V / DC 24...125 V ⚠



NFA
SFA

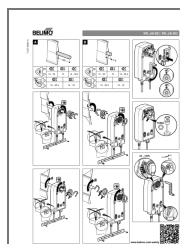


NFA-S2
SFA-S2

NF(..)A(-S2)/SF(..)A(-S2) • 2022-04

www.belimo.com

Documents / Resources



[BELIMO NF Series Spring Return Damper Actuator](#) [pdf] Instruction Manual
NF Series Spring Return Damper Actuator, NF Series, Spring Return Damper Actuator, Return Damper Actuator, Damper Actuator, Actuator

References

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