

20 Nm | 2-POINT & 3-POINT CONTROL



The appearance of the product may differ from the illustration. Technical specifications are subject to change.

NACA...20 (S) SERIES

NACA standard damper actuators are specially designed and produced for applications in the HVAC Systems. Our wide range of Nenutec standard damper actuators has been developed to operate and position air dampers of different sizes.

| | Torque: 20 Nm |
|---|--|
| | Damper size 4.0 m ² |
| | Power supply 24 $V_{\text{AC/DC}}$ and 230 V_{AC} |
| | Shaft dimensions – Ø 1220 mm / square 1114 mm |
| | Minimum shaft length 45 mm |
| | Adjustable angle of rotation |
| • | Direction of rotation selectable by reversing actuator during installation |
| | Actuator with 1 m connection cable |
| | Optional 2 adjustable SPDT auxiliary switches |
| | Manual over ride by push button when required |
| | Fits with NVCB 9000 valve bracket |
| | |

| Model/type | Torque | Power supply | Running time | Auxiliary switch |
|------------|--------|-----------------------------|--------------|-----------------------|
| NACA 1-20 | 20 Nm | 24 V _{AC/DC} ± 10% | 100150 s | - |
| NACA 1-20S | 20 Nm | $24 V_{AC/DC} \pm 10\%$ | 100150 s | 2 x SPDT (Adjustable) |
| NACA 2-20 | 20 Nm | 230 V _{AC} ± 10% | 100150 s | - |
| NACA 2-20S | 20 Nm | 230 V _{AC} ± 10% | 100150 s | 2 x SPDT (Adjustable) |



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TECHNICAL SPECIFICATION

| | NACA 1-10 (S) | NACA 2-10 (S) |
|-------------------------------|---------------------------------|---------------------------------|
| Torque | 20 Nm | 20 Nm |
| Damper size | 4.0 m ² | 4.0 m ² |
| Shaft dimensions | Ø 1220 mm / 🗖 1114 mm | Ø 1220 mm / 🗖 1114 mm |
| Power supply | 24 V _{AC/DC} ± 10% | 230 V _{AC} ± 10% |
| Frequency | 5060Hz | 5060Hz |
| Control signal | 2- & 3-point control | 2- & 3-point control |
| Power consumption | | |
| In operation | 8.0 W | 8.0 W |
| End position | 2.0 W | 2.0 W |
| Rated power | 8.0 VA | 8.0 VA |
| Electrical Connection | 1 m Cable | 1 m Cable |
| Auxiliary switches rating | 3 (1.5) A / 250 V _{AC} | 3 (1.5) A / 250 V _{AC} |
| Protection class | Class III 🕸 | Class II 🛛 |
| Angle of rotation | 90° (95° mechanical limitation) | 90° (95° mechanical limitation) |
| Weight | <1.2 kg | <1.2 kg |
| Durability | 60,000 rotations | 60,000 rotations |
| Sound level | 45 dB | 45 dB |
| IP protection class | IP54 | IP54 |
| Working temperature range | -20°C50°C as per IEC 721-3-3 | -20°C50°C as per IEC 721-3-3 |
| Storage temperature | -30°C+60°C / IEC 721-3-2 | -30°C+60°C / IEC 721-3-2 |
| Ambient humidity | 595% rH (non condensing) / EN | 595% rH (non condensing) / EN |
| Maintenance | Maintenance free | Maintenance free |
| Principle of operation | Type 1 (acc. to EN 60730-1) | Type 1 (acc. to EN 60730-1) |
| Electromagnetic compatibility | CE, UL 873 & ISO 9000 EN / EEC | CE, UL 873 & ISO 9000 EN / EEC |



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