

Damper Actuators with Electronic Emergency Function.

SuperCap Actuators



| | SKM...+CM... | GK..A | NKQ..A | LHK..A | SHK..A |
|---|-----------------------------|--|-------------------------------------|------------------|-------------------|
| | | | | | |
| | 2 Nm | 40 Nm | 6 Nm | 150 N | 450 N |
| For air damper sizes up to approx. | 0.4 m ² | 8 m ² | 1.2 m ² | 1 m ² | 3 m ² |
| Open-close actuators | | | | | |
| AC/DC 24 V | CM24K-T-L CM24K-T-R | GK24A-1 | NKQ24A-1 | LHK24A-1-100 | SHK24A-1-100 |
| Modulating actuators | | | | | |
| Control Signal Y: DC 0...10 V, 100 kΩ Position feedback DC 2...10 V or DC 0...10 V, 0.5 mA | | | | | |
| AC/DC 24 V | Operating range DC 2...10 V | GK24A-SR | NKQ24A-SR | LHK24A-SR100 | SHK24A-SR100 |
| | Operating range DC 0...10 V | GK24A-SZ | NKQ24A-SZ | LHK24A-SZ100 | SHK24A-SZ100 |
| Parameterisable actuators | | | | | |
| parameterisable ¹⁾ | | | | | |
| AC/DC 24 V | | GK24A-MF | NKQ24A-MF | | |
| External SuperCap module | | | | | |
| AC 230 V | SKM230-T-B12 | | | | |
| Technical data | | | | | |
| Damper spindle | | 6...12.7 mm | 12... 26.7 mm | 8... 26.7 mm | |
| Running time | Motor | 75 s / 90° ✕ | 150 s / 90° ✕ | 4 s / 90° ✕ | 120 s / 100 mm |
| | Emergency control function | 15 s / 90° ✕ | 35 s / 90° ✕ | 4 s / 90° ✕ | 35 s / 100 mm |
| Manual override | | Gear disengagement with magnet | Gear disengagement with push button | | |
| Connection | | Terminals | Cable 1 m | | |
| Direction of rotation | | Selectable with actuator ²⁾ | Selectable with switch | | |
| Angle of rotation | | Max. 95° ✕, can be limited at both ends with adjustable mechanical end stops | | | |
| Stroke range | | 0... 100 mm | | | |
| Position indication | | Mechanical, pluggable | | | |
| Sound power level | Motor | ≤35 dB(A) @ 75 s | ≤52 dB(A) @ 150 s | ≤60 dB(A) @ 4 s | ≤45 dB(A) @ 120 s |
| | Emergency control function | ≤55 dB(A) @ 15 s | ≤61 dB(A) @ 35 s | ≤60 dB(A) @ 4 s | ≤65 dB(A) @ 35 s |
| Degree of protection | | IP 20 | IP 54 | | |
| EMC | | CE according to 2004/108/EC | | | |
| Ambient temperature | | -30...+50°C | | | |
| Non-operating temperature | | -40...+80°C | | | |
| Ambient humidity | | 95% r.h., non-condensating | | | |

¹⁾ Control, operating range, position feedback, running time and further functions are parameterisable with PC-Tool or with the parameterising device ZTH-GEN.

²⁾ CM..-L: Rotation to the left / CM..-R: Rotation to the right

Other versions on request.

