

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.

