




**Damper Actuators without emergency function.**  
**Linear Actuators**



		CH	LH..A	SH..A
		125 N	150 N	450 N
				
		0.8 m <sup>2</sup>	1 m <sup>2</sup>	3 m <sup>2</sup>
For air dampers and sliders size up to approx.				
<b>Open-close actuators</b>				
<b>AC/DC 24 V</b>	Max. 40 mm stroke	CH24-L40		
	Max. 60 mm stroke	CH24-L60	LH24A60	
	Max. 100 mm stroke	CH24-L100	LH24A100	SH24A100
	Max. 200 mm stroke		LH24A200	SH24A200
	Max. 300 mm stroke		LH24A300	SH24A300
<b>AC 230 V</b>	Max. 40 mm stroke	CH230-L40		
	Max. 60 mm stroke		LH230A60	
	Max. 100 mm stroke	CH230-L100	LH230A100	SH230A100
	Max. 200 mm stroke		LH230A200	SH230A200
	Max. 300 mm stroke		LH230A300	SH230A300
<b>Modulating actuators</b>				
Control Signal Y: DC 0...10 V, 100 kΩ / Position feedback DC 2...10 V, max. 1 mA				
<b>AC/DC 24 V</b>	Max. 60 mm stroke	CH24-SR-L60	LH24A-SX60	
		CH24-SR-R60		
	Max. 100 mm stroke	CH24-SR-L100	LH24A-SR100	SH24A-SR100
		CH24-SR-R100		
Max. 200 mm stroke		LH24A-SR200	SH24A-SR200	
<b>AC 230 V</b>	Max. 100 mm stroke		LH230ASR100	SH230ASR100
	Max. 200 mm stroke		LH230ASR200	SH230ASR200
<b>Modulating actuators with adaption</b>				
Control Signal Y: DC 0...10 V, 100 kΩ / Position feedback DC 2...10 V, max. 1 mA				
<b>AC/DC 24 V</b>	Max. 40 mm stroke	CH24-SX-L40		
		CH24-SX-R40		
	Max. 100 mm stroke	CH24-SX-L100		
		CH24-SX-R100		
<b>Parameterisable actuators</b>				
parameterisable <sup>1)</sup>				
<b>AC/DC 24 V</b>	Max. 60 mm stroke		LH24A-MF60	
	Max. 100 mm stroke		LH24A-MF100	SH24A-MF100
	Max. 200 mm stroke		LH24A-MF200	SH24A-MF200
	Max. 300 mm stroke		LH24A-MF300	SH24A-MF300 SHC24A-MF300

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

	CH	LH..A	SH..A
<b>Technical data</b>			
<b>Running time</b>	380 s / 100 mm	150 s / 100 mm (LH..60: 90 s / 60 mm)	
<b>Manual override</b>	Gear disengagement with magnet.	Gear disengagement with push button, can be locked.	
<b>Connection</b>	Cable 1 m		
<b>Direction of stroke</b>	Selectable with contacting (SR: Selectable with order number)	Selectable with switch	
<b>Height of stroke</b>	Adjustable in 20 mm increments		
<b>Sound power level</b>	≤35 dB(A) @ 380 s	≤35 dB(A) @ 150 s	≤50 dB(A) @ 150 s
<b>Degree of protection</b>	IP 54		
<b>EMC</b>	CE according to 2004/108/EC		
<b>Ambient temperature</b>	-30...+50°C		
<b>Non-operating temperature</b>	-40...+80°C		
<b>Ambient humidity</b>	95% r.h., non-condensating		

Electrical installation	..H24A.., ..H230A.. (CH..L.. corresponds to direction of stroke 0)	..H24A-SR..	..H24A-MF..	..H230ASR..
	<p><b>Open-close control</b> Priority on 3</p>	<p><b>3-point control</b></p>	<p><b>modulating</b> Y = DC 0...10 V U = DC 2...10 V</p>	<p><b>parameterisable</b> Y = Control signal U = Measuring voltage</p>
	<p><b>modulating</b> Y = DC 0...10 V U = DC 2...10 V</p>			