

Chain actuator EA-K-50

Elegance meets power with an eye to the future

Often inconsiderable but it is the master of the actuator technology. With its tight and visually appealing construction it fits itself elegant in each facade and combines itself with the window.

The chain actuator EA-K-50 sets its own standards for modern actuator technology for smoke vents. Nearly soundless and very powerful it opens and closes reliable windows and flaps in all buildings.

The chain actuator EA-K-50 follows on seamlessly the high developed technology of the Folding Arm² motor. Because of a special developed motor-gear-unity the EA-K-50 reaches despite of small dimensions high push forces. The cut-off is based on a microcontroller. Parameters like stroke length and force can be adjusted by SimonLink[®] easily on-site.



Technical Data:

Chain actuator EA-K-50 Item number:	
Nominal voltage:	24 VDC +/- 15%
Nominal current:	1.4 A
Stroke length:	500/600/750/1000 mm
Force:	500 N
Cut-off:	Integrated, electronic power cut-off
Further features:	<ul style="list-style-type: none"> ■ Choice for voltage or dry contact ■ Soft start ■ Soft Close for the last 75 mm ■ Integrated tandem function for overload ■ Programmable by SimonLink
Speed:	10 mm/s
Ingress protection:	IP 32
Switch on duration:	ED 30 %
Temperature range:	0 °C to + 75 °C
Connection cable:	Silicone 3 (6) x 0.75 mm ² (Length 3.000 mm)
Housing:	Aluminium EV1 anodized
Weight:	approx. 2.5 kg
Dimensions LxWxH:	530(-780) x 50 x 41 mm

Article

Nominal force 500 N Standard version with F-Contact		
Typ		Item number
EA-K-50/300		M2 5309
Attributes:	Smoke-Vent Chain actuator <ul style="list-style-type: none"> • 24 V nominal voltage • 1.4 A current • 300 mm stroke • 500 N Push and pull force • integrated electronical cut-off • aluminium-profile housing EV1 • silicon cable 3 x 0,75 mm² (length 3.000 mm) incl. bracket	
EA-K-50/500		M2 5310
Attributes:	500 N Force / 500 mm Stroke	
EA-K-50/600		M2 5311
Attributes:	500 N Force / 600 mm Stroke	
EA-K-50/750		M2 5312
Attributes:	500 N Force / 750 mm Stroke	
EA-K-50/1000		M2 5313
Attributes:	500 N Force / 1000 mm Stroke	
EA-K-50/1200		M2 5314
Attributes:	Smoke-Vent Chain actuator <ul style="list-style-type: none"> • 24 V nominal voltage • 1.4 A current • 1200 mm stroke • 500 N pull force • integrated electronical cut-off • aluminium-profile housing EV1 • silicon cable 3 x 0,75 mm² (length 3.000 mm) incl. bracket Attention! With stroke more than 1000 mm pull force is not possible.	

Nominal force 500 N - Tandem Tandem version with signal contact		
Typ		Item number

EA-K-50/300-T		M2 5309 T
Attributes:	500 N Force / 300 mm Stroke Tandemversion	
EA-K-50/500-T		M2 5310 T
Attributes:	500 N Force / 500 mm Stroke Tandem version	
EA-K-50/600-T		M2 5311 T
Attributes:	500 N Force / 600 mm Stroke Tandem version	
EA-K-50/750-T		M2 5312 T
Attributes:	500 N Force / 750 mm Stroke Tandem version	
EA-K-50/1000-T		M2 5313 T
Attributes:	500 N Force / 1000 mm Stroke Tandem version	
EA-K-50/1200-T		M2 5314 T
Attributes:	500 N Force / 1200 mm Stroke Tandemversion	

Accessories	Item number
K-K 50-A for outwards opening or rotating (two clamps), stainless steel	K2 5086
K-K 50-K for inwards opening (without SKI, two clamps) stainless steel	K2 5087
K-K 50-SKI wing bracket (Z- bracket), adjustable, aluminium	K2 5088
K-K 50-OK as replacement (included in standard-delivery of the actuator)	K2 5089
K-K50-AKI for mounting on outwards openings wings	K2 5090