

M2 1.4.2

Actuator technology



Chain Actuator

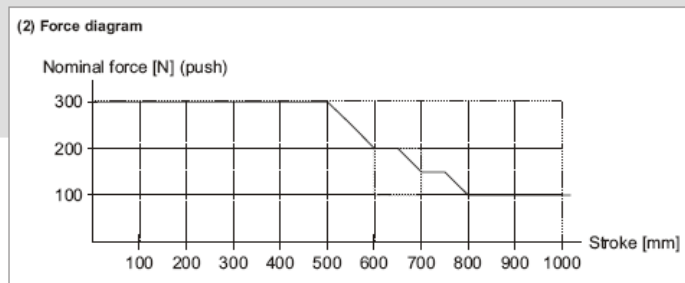
Type EA-KS 24/300/750(1000)

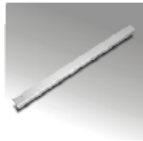
This enhancement of our EA-KS slimline chain actuator enables big opening widths for bottom and side hinged windows. The tough, high grade steel chain ensures the window opens and closes safely even at opening widths of up to 1000 mm. The innovative mounting brackets are simple to install and can be used to automate a wide range of window sizes and types.

| TECHNICAL DATA | Chain actuator type EA-KS-24/300/750(1000) |
|---|---|
| Voltage | 24 V DC (+ 25 % / - 10 %), Ripple < 500 mV, < 20 % |
| Current | 1.0 A |
| Standard stroke lengths⁽¹⁾ | 750, 1000 mm |
| Max force⁽²⁾ | Pull 300 N Push see below mentioned force diagram! |
| Cut off | <ul style="list-style-type: none"> ▪ Integrated load dependent cut off and contact "F" for sequence controlling ▪ Electronical end position cut off ▪ Integrated tandem cut off - up to four actuators can be connected in parallel |
| Further features | <ul style="list-style-type: none"> ▪ Electronic torque balancing (current consumption / force progressing) for providing high quality in any operation step ▪ Acoustic signal while running into close direction ▪ Electronic retriggering blockade (avoids that the actuator starts running in direction of the already reached end position) |
| Optional features available on request | <ul style="list-style-type: none"> ▪ Soft closing system ensuring a smooth closing of the window ▪ Electronic stroke limit |
| Speed | Approx 13 mm/sec |
| Housing (L x W x H) | Die cast aluminium powder coated in RAL 9006 1027 x 70 x 35 mm (1000 mm stroke version) |
| Protection class | IP 20 |
| Switch on duration | ED 30 % |
| Temperature range | - 5° up to + 40° C |
| Temperature resistance | 300° C for 30 minutes according to DIN EN 12101/2 |
| Connecting cable | Silicone 4 x 0,75 mm ² , light grey, length 2 m |
| Weight | Approx 4.5 kg |

(1) Optional stroke limit available

Brackets to be ordered separately!

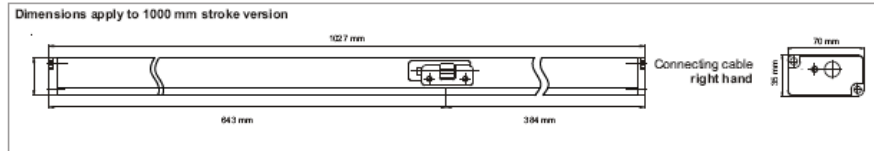




Chain actuator type EA-KS-24/300/750(1000)

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Control panel and power supply technology of SIMON RWA Systeme is fine tuned to actuators' cut off technology. Therefore we recommend to operate the actuators with control units out of our product range. Hereby an optimum of functionality will be reached. Cut off electronics shall be exclusively operated on voltage indicated (see technical data of actuators) A "re-triggering" of the actuators after an electronic cut off is not authorized and will inevitably lead to a mechanical destruction. In case of any doubt please contact your authorized SIMON RWA Systeme distributor or SIMON RWA Systeme GmbH, Passau directly.



Further technical details on request

| | |
|--|----------------|
| Pull force 300 N Push force 150 N 1.0 A Speed with nominal load approx 13 mm/sec | Item no |
| EA-KS-24/300/750 | M2 5306 |
| Pull force 300 N Push force 100 N 1.0 A Speed with nominal load approx 14 mm/sec | Item no |
| EA-KS-24/300/1000 | M2 5307 |

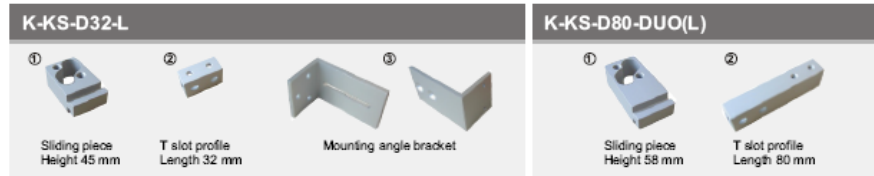
Brackets

Brackets type K-KS-D32-L/-D80-DUO(L)

Consisting of 2 sliding pieces^① with stud bolts,^② 2 fixing brackets and 1 movable mounting angle,^③ powder coated in RAL 9006.

| Brackets type K-KS-**-L | Item no |
|-------------------------------------|---------|
| K-KS-D32-L Length 32 mm | K2 5079 |
| K-KS-D80-DUO(L) Length 80 mm | K2 5078 |

Note! Brackets of standard EA-KS do not fit for EA-KS-24/300/750(1000)!



Bracket set includes all fixing material