



Opening actuator for perfect roof exit

EA-KL²-L - Folding Arm with maximal performance



EA-KL²-L – To lift roof exits perfectly

The product range of Folding Arm² versions has been extended perfectly again with the EA-KL²-L. The EA-KL²-L is constructed and developed to replace the EA-KLL on base of the new Folding Arm². Due to the extension of the housing the result is a stroke length of about 1200 mm at a maximum force of 550 N. The EA-KL²-L closes therefore a gap in this special range.

Possible Applications

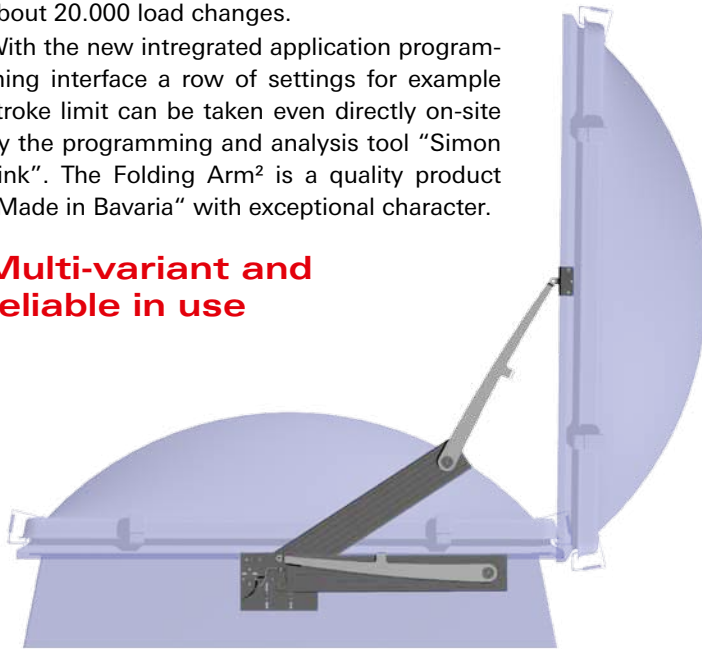
The data of this Folding Arm² actuator are seductive varied and predestinated for e.g. roof exits, whereby a huge opening stroke is required. At once the EA-KL²-L needs a competition-less slight installation depth of beneath 165 mm and inserts itself creatively attractive into the overall image of the light dome. With the integrated tandem function (up to four actuators in parallel) the maximum force reduplicates by use of two folding arm actuators at the side closing edges to 1100 N. Therefore also huge domes can be equiped and high snow loads can be handleed.

Actuator technology in new dimension

The immediate follower of the EA-KLL is based on the actuator technology of the new Folding Arm². The Folding Arm² is compact and delivers a performance density, with those no other aggregate can compete. The high performance gear unit with gear wheels of high-strength steel was developed in cooperation with the Technical University Munich and is constructed for about 20.000 load changes.

With the new integrated application programming interface a row of settings for example stroke limit can be taken even directly on-site by the programming and analysis tool "Simon Link". The Folding Arm² is a quality product „Made in Bavaria“ with exceptional character.

Multi-variant and reliable in use



Technical Data	
Nominal voltage	24 V DC
Nominal current	3,0 A
Stroke	1200 mm
Force	550 N
Cut-off system	Intelligent overload cut-off with tandem function.
Running speed	20 mm/s
Opening time	< 60s
Protection class	IP 54
Switch on duration	ED 50%
Temperature range	- 5 up to + 75 °C
Weight	approx. 7,6 kg
Stability	300 °C for 30 min.
Dimensions	L 680 x W 58 x H 164 mm

Article versions	
M2 1485	EA-KL ² -L-LI incl. mounting bracket (left)
M2 1486	EA-KL ² -L-RE incl. mounting bracket (right)



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