

SKY450

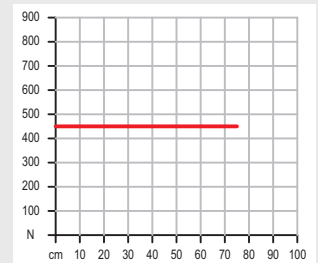
Gear Rack Actuator 450N

Designed based on the Sky family, it combines strength and versatility in a machine with a thrust and traction force of 450N.

- The load-bearing structure is made from high-strength composite material (glass fibre-reinforced polyamide), with a round-section stainless steel gear rack.
- Thanks to the sliding clamp system, the actuator can be fixed anywhere along the entire length of the rod, even at the head and the support pivots to adjust to the rotation of the window. Sky 450 can be applied in tandem with a single rod for a second push point.
- Available strokes: 180, 230 mm for louvres and solar shading blades, 350, 550, 750 and 1000 mm for application on windows.

PATENTED

EP2141316



APPLICATIONS

DOME
 SKYLIGHT
 OUTWARD FRAME
 SOLAR SHADING BLADES

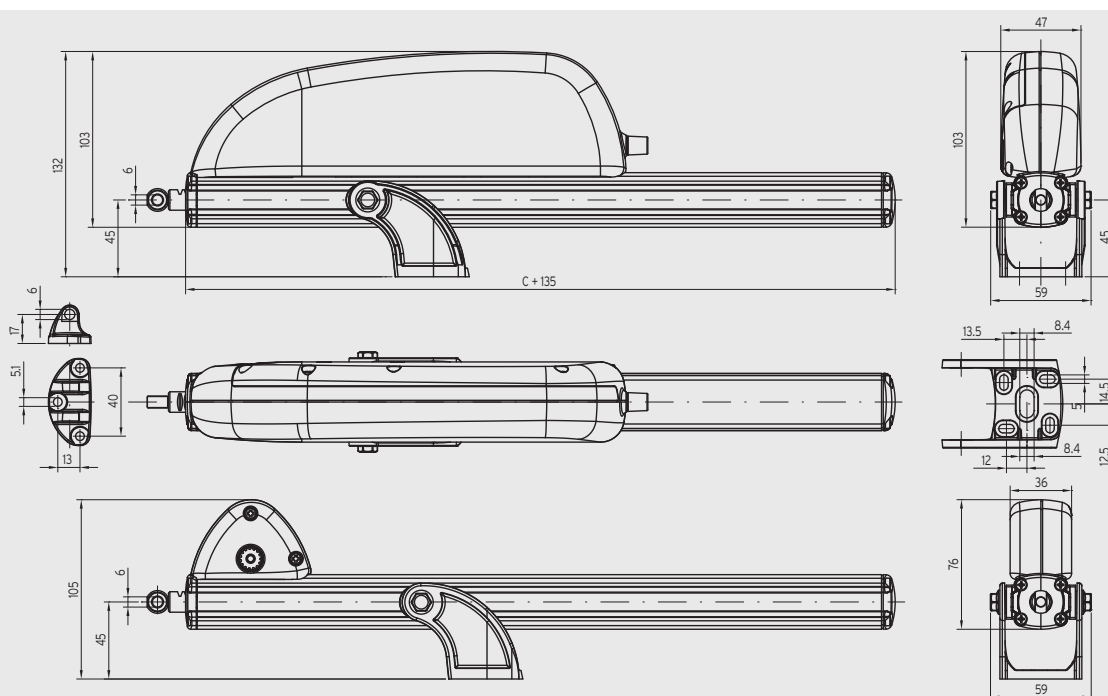
TO BE USED WITH:

Actuator Rod
 Connection Bar
 KOUPLÉ 230V
 Series KH and Series KH-R
 RR2-M



TECHNICAL CHARACTERISTICS (Functional and mechanical features)

- Linear gear rack actuator suitable for opening awning windows, hopper windows, dome rooflights and dormers. Thrust and traction power 450N. One or two push points. Operates at 110-230V 50/60Hz. Supplied with a pivoting bracket that can be fixed along the entire length of the rod by means of two sliding clamps.
- Opening and closing end-stroke with power absorption as electronic protection against overload.
- Can be connected in parallel.
- Complies with EU directives (EMC Directive, Low Voltage Directive).
- Standard colours: Anodised Silver for the metal parts in extruded aluminium and Grey (similar to RAL7035) for the gearmotor housing. The power cable is always white.
- Additional specifications are given in the Technical Data table.



MODEL	SKY450
Thrust and traction force	450 N
Strokes	180, 230, 350, 550, 750, 1000 mm (*)
Power supply voltage	110-230V~ 50/60Hz
Current absorption at nominal load	0,28 A - 0,19 A
Travel speed without load	6,7 mm/s
Length of run without load	In accordance with length of truck run
Electrical insulation	Class II
Type of service	2 cycles
Working temperature	-5 +65 °C
Protection index for electrical devices	IP44
Adjustment of connection to window frame	Automatic definition of position

Connection in parallel of two or more motors	Yes (max 20)
Connection in tandem or in series	Yes
Holding nominal force (it can vary according to the chosen brackets)	2200 N
Stroke-end at opening and closure	At absorption of power
Protection against overload at opening and closure	At absorption of power
Length of power cable	1 m
Dimensions	103x47x(Course length+135) mm
Weight	Varies according to construction

CODE	MODEL
6221001	SKY450 230V stroke 180 mm
6221002	SKY450 230V stroke 230 mm
6221003	SKY450 230V stroke 350 mm
6221004	SKY450 230V stroke 550 mm
6221005	SKY450 230V stroke 750 mm
6221006	SKY450 230V stroke 1000 mm

CODE	MODEL
6291001	Actuator rod SKY450 stroke 180 mm
6291002	Actuator rod SKY450 stroke 230 mm
6291003	Actuator rod SKY450 stroke 350 mm
6291004	Actuator rod SKY450 stroke 550 mm
6291005	Actuator rod SKY450 stroke 750 mm
6291006	Actuator rod SKY450 stroke 1000 mm

4010009	Connection Bar 1 m
4010010	Connection Bar 1,5 m
4010011	Connection Bar 2 m
4010012	Connection Bar 2,5 m