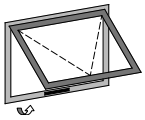
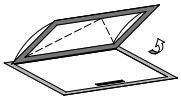
SKYRO 650 | Gear rack actuator 650N

230V
24V

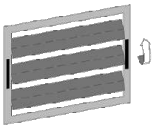
APPLICATIONS



Top hinges, outward opening



Cupolas and domes



Louvers frame, jalousies and solar shading blades

SKYRO 650 is our rack actuator with Syncro³ technology (Nekos patent).

- The most frequent applications are automation of domes, large skylights, Shed windows, rooflights, sunshade blades and battery-awning windows.
- It is possible to install several actuators in Syncro³ version on the same window or to employ idle thrust points, connected by a connection bar.
- The actuator is fixed by means of a clamp system along the entire length of the shaft and with a swinging support that allows the actuator to follow the opening radius of the window frame.
- Power absorption limit switch while opening and closing and acting as electronic overload protection.
- Complies with EU directives (EMC directives, Low Voltage Directive).

5 YEARS WARRANTY

Standard colours: silver Anodised for the metal parts in extruded aluminium, Grey (RAL7047) for the gearmotor.
White power cable;





Available strokes:
- 180, 230 mm for louvres and solar shading blades
- 350, 550, 750, 1000 mm for application on windows

ACCESSORIES TO BE REQUESTED SEPARATELY:

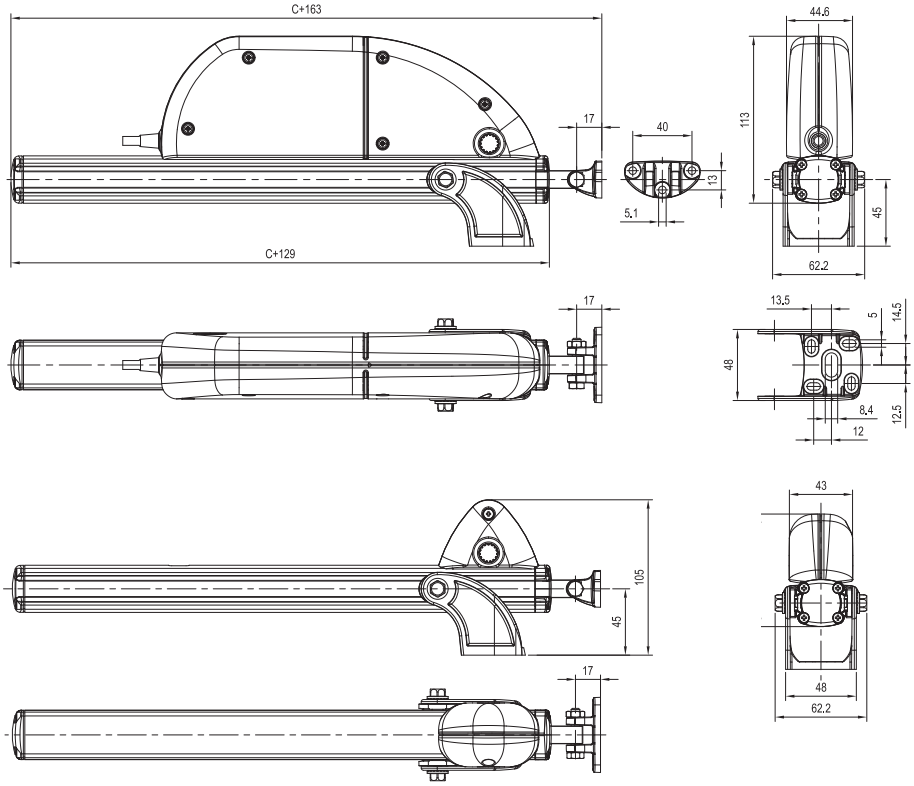
SKYRO 650 Actuator rods:	
Code 6290061	Stroke 180 mm
Code 6290062	Stroke 230 mm
Code 6290063	Stroke 350 mm
Code 6290064	Stroke 550 mm
Code 6290065	Stroke 750 mm
Code 6290066	Stroke 1000 mm

SKYRO 650 Connection bars:	
Code 4010009	Connection bar 1 mt
Code 4010010	Connection bar 1,5 mt
Code 4010011	Connection bar 2 mt
Code 4010012	Connection bar 2,5 mt

PATENTED
EP2770385

230V: max 4 actuators
24V: max 8 actuators

SYNCRO³



MODEL SKYRO 650	230V	24V SYNCRO³
Thrust and traction force	650 N	
Strokes	180-230-350-550-750-1000 mm	
Power supply voltage	110-230V ~ (AC)	24V DC
Current absorption at nominal load	0,37 A / 0,18 A	1,0 A
Power absorption at nominal load	28 W / 24 W	24 W
No load speed (Open/Close)	5 mm/s	7 mm/s
Breaking current	-	1,20 A
End stroke stop	At absorption of power	
Duration of max. stroke at load	In accordance with the stroke length	
Duration of the ramp (start and stop)	1 s	
Electrical insulation	Class II	Class III (SELV)
Type of service	2 cycles	5 cycles
Working temperature	-20°C - +70°C	
Protection index for electrical devices	IP65	
Soft Stop	YES	
Relax function	YES	
Connection in parallel	YES	
Syncro³ synchronization	YES (max. 4)	YES (max. 8)
Connection to electromechanical lock	NO	YES - K-LOCK
Length of power cable	2 m	
Static holding force	3000 N	
Dimensions	44,6 x 113 x (Stroke + 163) mm	
Weight (without brackets)	1,40 / 1,45 / 1,65 / 2,34 / 2,69 / 3,11 Kg	1,70 / 1,75 / 1,95 / 2,29 / 2,64 / 3,07 Kg

ACCESSORIES INCLUDED IN THE PACKAGING:



4010013
Small part packaging for
SKY450 / SKYRO650



4010014
Bracket for fixing to the frame



4010015
Actuator support bracket