

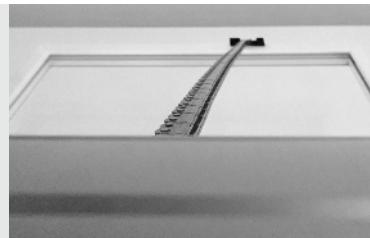
# C160 RWA



Chain actuator  
Thrust force 300N  
Stroke 360mm - 600mm - 1000mm

## PRODUCT DESCRIPTION

Electric actuator Topp model C160 RWA with double-link chain, in an elegant die-cast aluminium profile, complete with brackets and accessories for bottom hung windows outward opening for smoke evacuation application. Operation at 24V DC. Max. thrust force 300N. Stroke 360 - 600 - 1000 mm. Electronic end of stroke in closing by current absorption control. CE marked device, tested in accordance with the EN12101-2 Standard for smoke ventilation applications.



Elegant and attractive aluminium profile with swivel brackets for large openings.



Available also for installation on side hung windows.



Long chain up to 1 meter enclosed in a slim housing.



## TECHNICAL SPECIFICATIONS

	C160 RWA stroke 360 mm	C160 RWA stroke 600 mm	C160 stroke 1000 mm
Power voltage	24V d.c.	24V d.c.	24V d.c.
Max applicable load in thrust	300 N	250 N	50 N
Max applicable load in traction	200 N	200 N	200 N
Stroke for top-hung application	360 mm	600 mm	1000 mm
Stroke for bottom-hung application	322 mm	562 mm	962 mm
Absorbed current	0,43 A	0,60 A	0,60 A
Idle translation speed	7,5 mm/s	10 mm/s	10 mm/s
Duration of the idle stroke *	48 s	60 s	100 s
Service type	S2 of 4 min	S2 of 4 min	S2 of 4 min
Operating temperature	-15°C + 50°C	-15°C + 50°C	-15°C + 50°C
Protection Class	IP 30	IP 30	IP 30
Stroke end regulation in closure	not necessary	not necessary	not necessary
Parallel connection option	YES	YES	YES
Possibility of installing double push point on the same window	YES	NO	NO
Stroke end	Electronic in opening, by amperometric absorption in closing		

\* For RWA application: max opening time required 60s.



#### C160 standard 1 push point

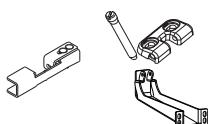
3E22#	C160 24V RWA stroke 360mm Bottom-hung (outwards opening)
3E22#	C160 24V RWA stroke 360mm Bottom-hung
3E21#	C160 24V RWA stroke 600mm Bottom-hung (outwards opening)
3E21#	C160 24V RWA stroke 600mm Bottom-hung
3E23#	C160 24V stroke 1000mm Bottom-hung (outwards opening)
3E23#	C160 24V stroke 1000mm Bottom-hung

#### Description of the standard pattern for 1 push point.

##### Bottom-hung outward opening application

3E21#	C160 chain actuator 24V - RWA version stroke 600mm
	Iron hooking device for top-hung and bottom hung
	(outwards opening) for C160 600/1000 stroke

Brackets for top-hung/bottom-hung outwards opening application



#### Accessories and spare parts

3A3050	Hooking device for top-hung and bottom hung (outwards opening) for C160 360 stroke
3E3100	Iron hooking device for top-hung and bottom hung (outwards opening) for C160 600/1000 stroke
1E2804	C160 bottom-hung bracket for single push point
3E2100	Brackets for top-hung/bottom-hung outwards opening application
3E2101	Brackets for bottom-hung fallback application

CS1 chain anti-closing accessory for top-hung application available upon request

