

SUPERMASTER

Chain actuator - Force in push action 400 N - Stroke 450-600-800 mm



- The longest stroke (800 mm) and the highest force (400 N) for a chain actuator: it solves the problems to operate very heavy vents and the necessity of wide opening without taking up space inside the room (800 mm only for bottom hinged windows).
- Double link chains.
- Red lamp placed on the actuator to signal the close position.
- Supplied with 2 m cable (450-600 mm), 3 m cable (800 mm).
- For windows without windowsill a fixing bracket (sliding within the dovetail slide) is available for an easy installation.
- Minimum window height: 900 mm for 450 mm stroke, 1200 mm for 600 mm stroke, 1600 mm for 800 mm stroke.
- In case of lower windows install the "pivoting brackets" part No. 40560T (see installation examples).
- In case of vents with four-bar hinges, please contact our Technical Dpt.
- Available on request a coupling control box for two actuators on the same window.
- 24 Vcc version is suitable for installation on smoke and heat extraction systems in conformity to UNI EN 12101-2.
- 24 Vdc version is suitable for installation on **Smoke and Heat Exhaust Ventilators (SHEV)** in conformity to European Standard **EN 12101-2**, tested by **Istituto Giordano**



STROKE
VOLTAGE SUPPLY
ELECTRIC CONNECTION
OPERATION
FORCE (push action)
FORCE (pull action)
SPEED
CURRENT ABSORPTION (with max load)
PARALLEL CONNECTION
LIMIT STOP
SAFETY STOP
FEEDBACK SIGNAL
PRETECTION CLASS

SUPERMASTER 230 V AC

450 - 600 - 800 mm
230 Vac $\pm 10\%$
3 wires + earth

400 N (300 N for 800 mm stroke)
400 N
~ 23 mm/s
0,8 A
YES
Micro switches
Thermic

IP 20

SUPERMASTER 24 V DC *

450 - 600 - 800 mm
24 Vdc $\pm 10\%$
(3 wires) + 2 wires + signalling
by polarity inversion
400 N (300 N for 800 mm stroke)
400 N
~ 20 mm/s
2 A
YES
Micro switches
Electronic
Open/close
IP 20

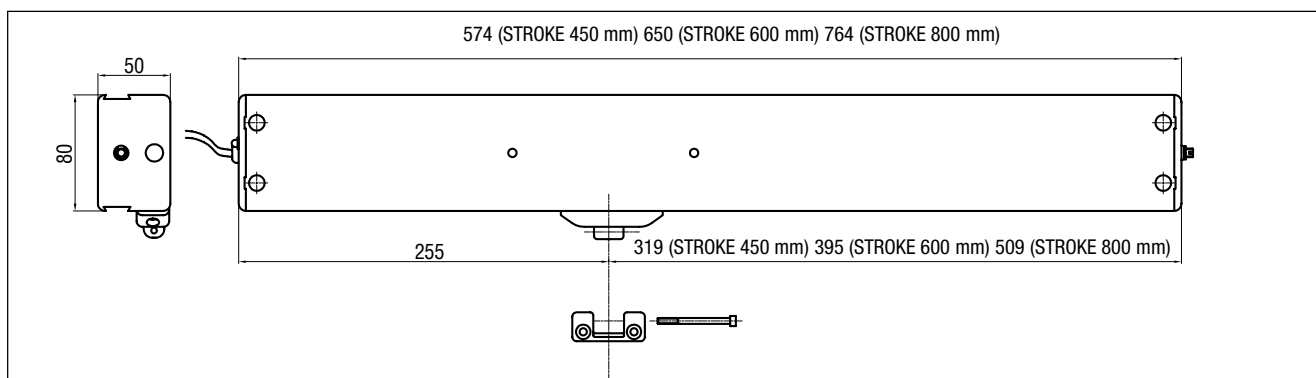
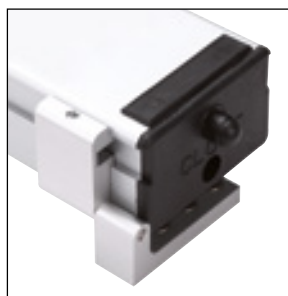
PART No.

STROKE

SILVER ALUMINIUM
DARK BROWN ANODIZED
WHITE PAINTED RAL 9010

450 mm	600 mm	800 mm
40462T	40452P	40518U
40465Z	40464X	40753T
40466B	40454U	40774O

450 mm	600 mm	800mm
40506L	40461R	40469H
40509T	40467D	40470S
40507N	40468F	40471U



Actuators dimension

SPECIFICATION PROSPECTS

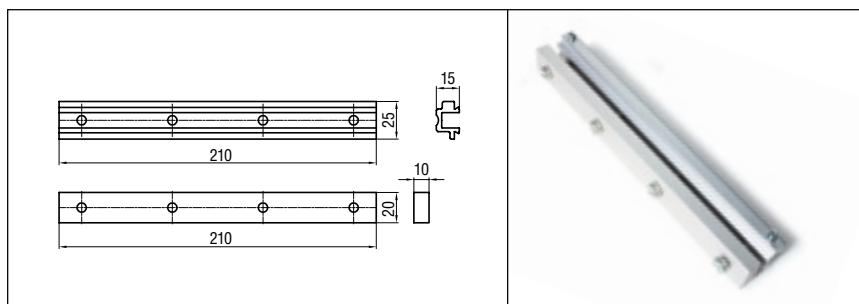
Electric chain actuator Ultraflex Control Systems named Supermaster with double link chain. Force 400 N.

Strokes: 450-600-800 mm. Voltage supply 230 Vac or 24 Vdc. Limit stop by micro switches and thermal protection (230 Vac version) or electronic safety stop (24 Vdc version).

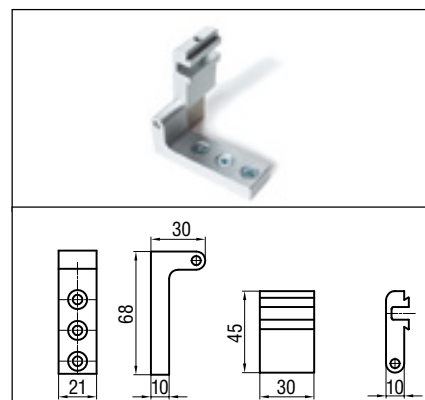
Parallel connection. Casing in silver anodized or painted aluminium.

The 230 Vac version and the 24 Vdc version are conform to 2004/108/CE directive, the 230 Vac version is also conform to 2006/95/CE directive.

Accessories

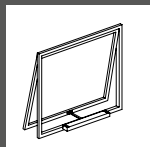


Sliding aluminium bracket with shim part No. 40460N

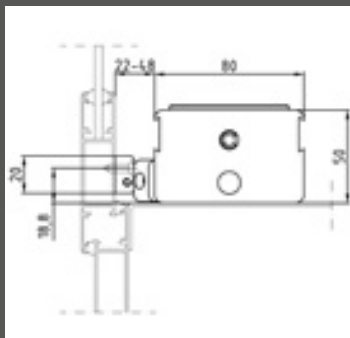


Pivoting brackets kit part No. 40560T

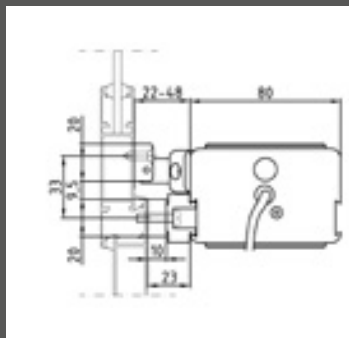
Installation examples



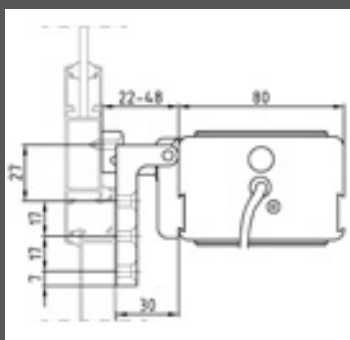
Top hinged windows



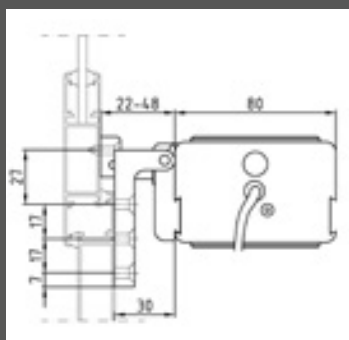
On windows with windowsill without brackets



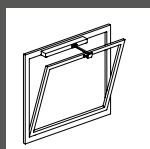
Without windowsill with bracket part No. 40460N



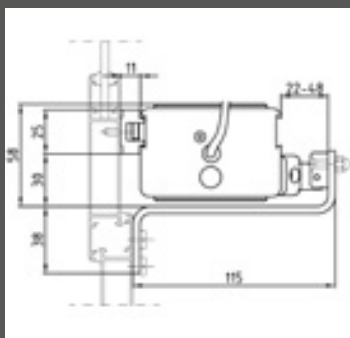
On the frame with pivoting brackets part No. 40560T



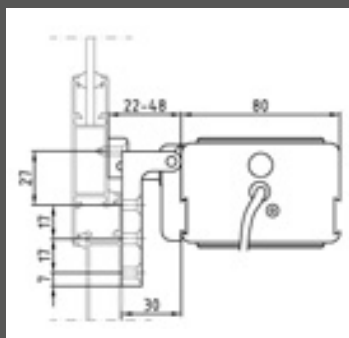
On windows with windowsill with pivoting brackets part No. 40560T



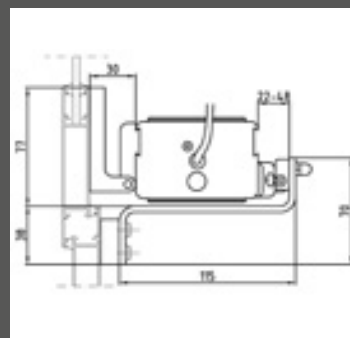
Bottom hinged windows




On the frame with bracket or bottom hinged window part No. 40472W



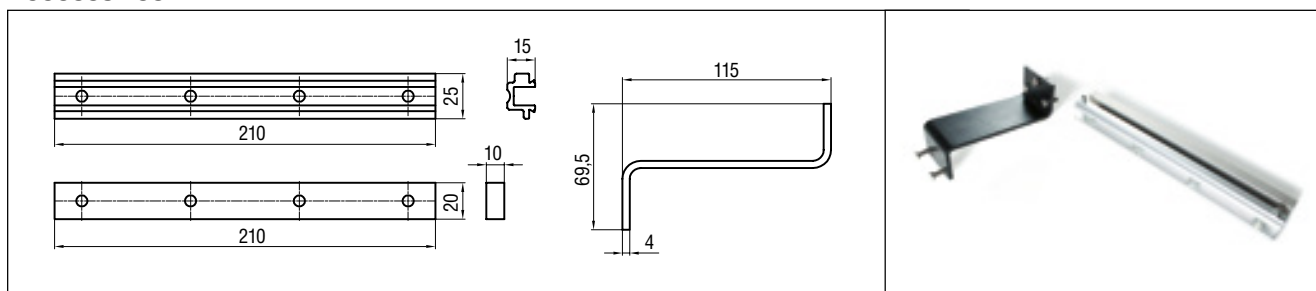
On the vent with the pivoting bracket part No. 40560T



On the frame with the pivoting bracket part No. 40560T and bracket part No. 40472W

 The instructions for a safe installation are included in the section "SECURITY WARNINGS"

Accessories



Sliding aluminium steel bracket with shim and bottom hinged painted steel bracket part No. 40472W