

*New Actuators for smoke and heat evacuation for; hinged windows, domes & louvres*

**300°C**  
**30 min.**

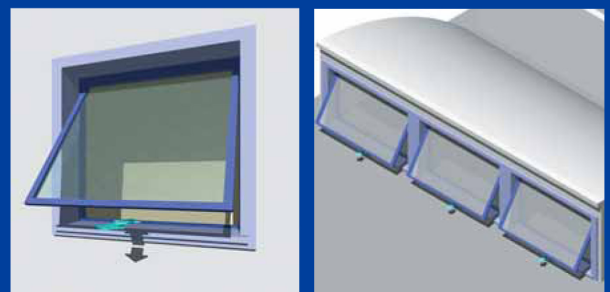
**RWA**  
**SERIES**

*the latest technology  
in window automation . . .*

- Tested by the IFT Rosenheim Institute according to European Standard EN 12101-2
- Suitable for Top & Bottom hinged Windows, Domes & Skylights, & Louvres
- Limit switch for Opening & Closing - Internal
- Cut-off current overload protection device
- High Protection Silicon Cable
- 24V DC Operating Voltage
- Low Current consumption
- Integrates to Fire Management Systems



*MICRO L/XL Chain Drive Actuator*



*S1 Rack Drive Actuator*



**ACDC MOTORIZED SOLUTIONS**  
[www.mingardi.com.au](http://www.mingardi.com.au)



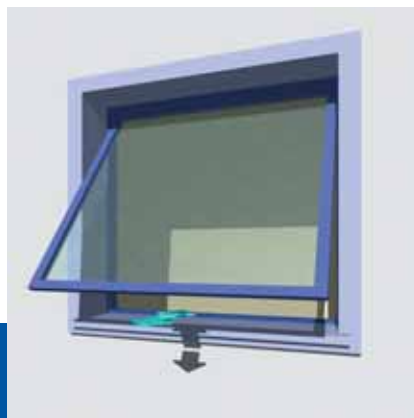
Certified in accordance  
with EN 12101-2

# [Linea **Micro XL**] • **MINGARDI**<sup>®</sup> THE REFERENCE FOR WINDOW AUTOMATION

**Attuatore a catena per evacuazione fumo e calore per:** finestre a sporgere, finestre a vasistas.

*Chain actuator for smoke and heat evacuation: top hinged windows, bottom hinged windows.*

**300°C**  
**30 min.**



Testato dall'Istituto IFT Rosenheim secondo le Normative Europee EN 12101 - 2

*Tested by the IFT Rosenheim Institute according to the European Standard EN 12101 - 2*

Cavo in silicone  
*Silicon cable*

Catena a doppia maglia  
*Double-link chain*



Grado di protezione: IP 22 / *Protection degree IP 22*

Fine corsa chiusura-apertura: Reed / *Limit switch closing-opening: Reed*

Colore: Anodizzato argento (A) - Anodizzato nero (N) - RAL 9016 (C)  
*Colour: Anodised silver (A) - Anodised black (N) RAL 9016 (C)*

## DATI TECNICI Micro XL 24V CC - RWA / TECHNICAL FEATURES Micro XL 24V DC - RWA

CODICE CODE	DESCRIZIONE DESCRIPTION	VOLTAGGIO VOLTAGE	SPINTA TRAZIONE THRUST TENSILE	CORSA STROKE	ASSORBIMENTO MAX CONSUMPTION MAX	VELOCITÀ MIN. SPEED MIN.
2700057	MICRO XL 420 mm - A - RWA	24 V =	400 N	420 mm	50 W	ca. 17 mm/s
2700599	MICRO XL 420 mm - N - RWA	24 V =	400 N	420 mm	50 W	ca. 17 mm/s
2700342	MICRO XL 420 mm - C - RWA	24 V =	400 N	420 mm	50 W	ca. 17 mm/s
2700059	MICRO XL 600 mm - A - RWA	24 V =	400 N	600 mm	50 W	ca. 17 mm/s
2700619	MICRO XL 600 mm - N - RWA	24 V =	400 N	600 mm	50 W	ca. 17 mm/s
2700343	MICRO XL 600 mm - C - RWA	24 V =	400 N	600 mm	50 W	ca. 17 mm/s
2700623	MICRO XL 835 mm - A - RWA	24 V =	200 N / 400 N	835 mm	50 W	ca. 17 mm/s
2700627	MICRO XL 835 mm - N - RWA	24 V =	200 N / 400 N	835 mm	50 W	ca. 17 mm/s
2700344	MICRO XL 835 mm - C - RWA	24 V =	200 N / 400 N	835 mm	50 W	ca. 17 mm/s

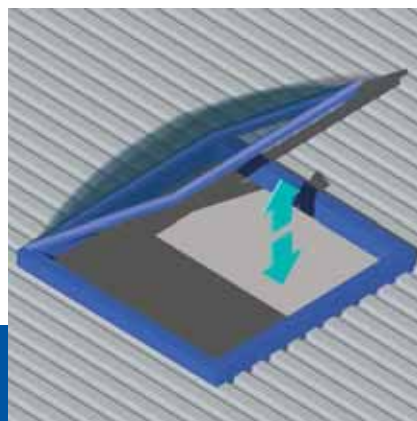
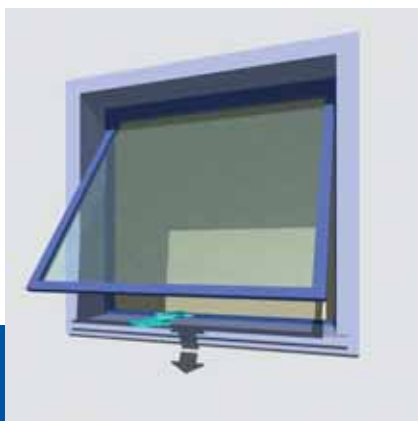
I VALORI PRESTAZIONALI RIPORTATI NELLA TABELLA SONO VERIFICATI AD UNA TEMPERATURA DI FUNZIONAMENTO DA -10°C/+40°C CON UN'UMIDITÀ RELATIVA MASSIMA DEL 60%.  
THE VALUES INDICATED ON THE TABLE WERE RECORDED IN A CLIMATIC TEST CHAMBER AT OPERATING TEMPERATURES BETWEEN -10°C/+40°C WITH MAX 60% RELATIVE HUMIDITY.

# [Linea System 1] .. **MiNGARDi**<sup>®</sup> THE REFERENCE FOR WINDOW AUTOMATION

**Attuatore a cremagliera per evacuazione fumo e calore per: finestre a sporgere, cupole.**

*Rack actuator for smoke and heat evacuation for: top hinged windows, domes.*

**300°C**  
**30 min.**



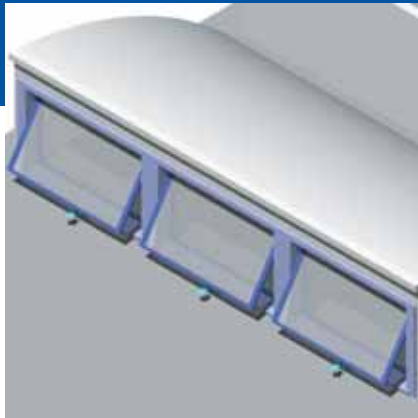
Testato dall'Istituto IFT  
Rosenheim secondo le  
Normative Europee EN  
12101 - 2

*Tested by the IFT  
Rosenheim Institute  
according to the European  
Standard EN 12101 - 2*

Cavo in silicone  
*Silicon cable*

Elevato grado di protezione  
*High protection degree*

Assenza di manutenzione  
*Maintenance free*



Grado di protezione: IP 55 / *Protection degree: IP 55*

Fine corsa chiusura-apertura: Assorbimento / *Limit switch closing-opening: Absorption*

Colore Motoriduttore: Bianco RAL 9010 - (B) / *Colour Gearmotor: White RAL 9010 - (W)*

Chain actuator for:  
top hinged windows,  
bottom hinged windows,  
roof windows.



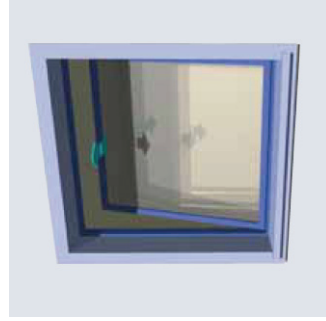
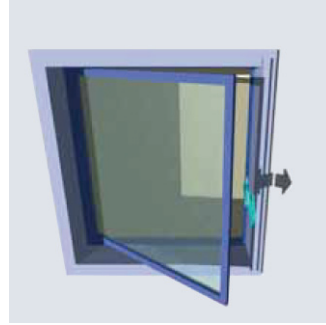
**200N**

Reduced dimensions  
Double-link chain  
Low consumption  
Maintenance free

Protection degree: IP 20  
Limit switch closing-opening: Hall sensor-Absorption  
Colour: Anodised Silver

**Technical Features**

CODE	STROKE	FORCE	VOLTAGE	MAX CONSUMPTION	SPEED
2700055	250 mm	200N	230V AC	30W	10 mm/s
2700117	250 mm	200N	24V DC	20W	10 mm/s



MINGARDI was founded in Italy in 1968 as one of the first manufacturers of small and sturdy electric linear actuators designed for industrial use. The actuators were then introduced into the window industry as a simple and reliable replacement to crank and cable systems. Now Mingardi offer a complete range of linear, chain and manual actuators to suit any automatic window & louvre application.

In 2004 Mingardi merged with ASA and Somfy International, to be the worldwide leader in the automation of opening systems for residential and commercial buildings, exporting to over 45 countries throughout the world.

For more than 20 years, ACDC Motorized Solutions has been at the cutting edge of the market, offering innovative technology to the building and security industry.

A privately owned Australian company, ACDC is committed to offering the highest quality equipment, backed by comprehensive technical support, service & spare parts.

ACDC provides complete automation products and solutions for automatic gates & doors, barrier gates & traffic control equipment, automatic windows & louvres, complimented by an entire range of logic controllers, intercoms and access control products.

ACDC product range is available through an extensive network of independent resellers throughout Australia, New Zealand and Papua New Guinea.

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Email: [sales@acdcms.com.au](mailto:sales@acdcms.com.au)

[www.acdcms.com.au](http://www.acdcms.com.au)

Rod actuator for:  
top hinged windows, domes,  
sunshades, louvre windows.



**450N**

Adjustable stroke  
Available versions: 230V AC and 24V DC  
Fixing bracket sliding along the whole body  
High protection degree  
Maintenance free

Protection degree: IP 55  
Limit switch closing-opening: Adjustable Microswitch  
Colour: Anodised Silver

**Technical Features**

CODE	STROKE	FORCE	VOLTAGE	MAX CONSUMPTION	MIN SPEED
2700032	70 mm	1000N	230V AC	23W	3 mm/s
2700036	200 mm	450N	230V AC	30W	8 mm/s
2700040	300 mm	450N	230V AC	30W	8 mm/s
2700044	500 mm	450N	230V AC	30W	8 mm/s
2700034	70 mm	1000N	24V DC	18W	3 mm/s
2700038	200 mm	450N	24V DC	22W	8 mm/s
2700042	300 mm	450N	24V DC	22W	8 mm/s
2700046	500 mm	450N	24V DC	22W	8 mm/s

