



DEA[®]



SWING

WING 302

Automation for swing gates





Electromechanical linear ram for swing gates

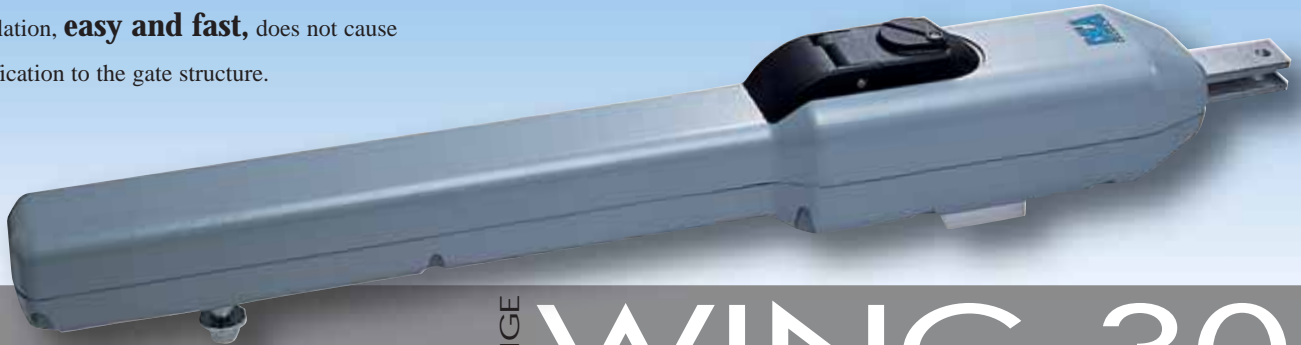
WING 302

COMPACT AND STRONG

WING 302, the electromechanical ram
reliable and **powerful** over time.

The electromechanical automation does **not require** periodic **maintenance** or internal adjustments.

The installation, **easy and fast**, does not cause any modification to the gate structure.



RANGE

WING 302

For leafs up to 2,8 m

WING 302: operator stroke 390, 230V AC, self-locking.

WING 303: operator stroke 390 with limit-switch in opening cycle, 230V AC, self-locking.

For leafs up to 3 m *

WING 302R: operator stroke 390, 230V AC, not self-locking.

WING 303R: operator stroke 390 with limit-switch in opening cycle, 230V AC, not self-locking.

* always use with electric lock.

For solutions in low voltage*

WING 302/24: operator stroke 390, 24V DC, self-locking, for leafs up to 2 m.

**the automation in 24V DC enables programmable limit switches, final slow-down in opening / closing and reverser function on obstacle; moreover a battery backup system enables the operation in case of power failure. The boards can be easily programmed through digital display and 3 buttons.*

The DEA System control boards are planned to optimize the performances of Wing 302 range. It is suggested to use control boards with electronic force adjustment: 202E/3 and 212E/C (230V AC) or 224RR/C (24V DC).

The models

- Electromechanical automation, 230V AC and 24V DC.
- Suitable for leafs up to 3 m long.
- Easy to install.
- Simple unlocking system by key.
- Limit-switch in opening (optional).
- Quick and silent.
- Grease soaked gear motor.
- Incorporated condenser.

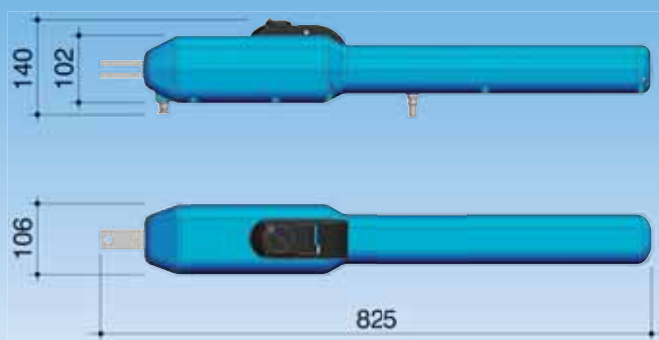


Simple unlocking system by key .



Completely metal mechanics, with limit-switch simple to adjust.

KIT



IDEAKIT 302
Complete automation
with DEA original accessories.

Technical information
















| Model | 302 - 303 | 302R - 303R | 302/24 |
|---------------------------------------|------------------|------------------|------------------|
| Power supply (V) (50/60 Hz) | 230 AC | 230 AC | 230 AC |
| Motor power supply (V) | 230 AC | 230 AC | 24 DC |
| Capacity (W) | 300 | 300 | 110 |
| Incorporated capacitor (μ F) | 8 | 10 | - |
| Protection level (IP) | 44 | 44 | 44 |
| Speed (mm) | 390 | 390 | 390 |
| Max starting stroke (Nm) | 2200 | 2000 | 2000 |
| Operating temperature ($^{\circ}$ C) | - 20 \div + 60 | - 20 \div + 60 | - 20 \div + 60 |
| Motor thermal protection | 150 | 150 | - |
| Duty cycle (%) | 30 | 30 | 50 |
| Opening time (sec. 90 $^{\circ}$) | 20 | 17 | 20 |
| Weight with packing (Kg) | 8,6 | 8,6 | 8,6 |



DEA

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The products

| | | | | | | | |
|--|---|---|---|---|--|---|---|
| Electromechanical barriers | | Sliding gates | | Sectional and garage doors | | | |
| PASS | STOP | LIVI 400 | GULLIVER | LIVI 902 | SPAZIO | LIVI 800 C | LATO |
|  |  |  |  |  |  |  |  |
| Swing gates | | | | | | Roller shutter | |
| LIVI 500 | ANGOLO | GHOST 200 | OLI 600 | WING 302 | LOOK | WILL | |
|  |  |  |  |  |  |  | |

The accessories



Digikey:
Safe and reliable,
available wireless
and hard-wired.



Radio devices:
frequency 433,92 Mhz,
available Dip-Switch
or Self-Learning type.



Flashing light
with built-in
433,92 Mhz
aerial.



Control boards:
230V a.c. e 24V d.c.,
exact and simple
programming.



Safety beams:
reliable and easy
to install.



Programming keyboard for
transponder and wireless
transmission systems; it allows
you to personalize installations
with fitter/installation codes.



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