By-3500T

All the power and total safety needed

The solution for sliding gates that completes the Came product range. State-of-the-art technology provides maximum resistance to wear and total safety.

Operators for sliding gates of up to 3,500 Kg / 7,720 lb
BY-3500T is the model which mostly extols the characteristics of resistance, reliability and power because it goes beyond mere industrial application. It is the ideal solution for powering exceptionally heavy gate leaves of up to 3,500 Kg / 7,720 lb.

The making force.
The 3-phase voltage power supply to the unit ensures intensive service even under the harshest of working conditions such as armoured gates or hangar doors.

The electronics
Besides the normal command and safety functions, the electronics supplied with the BY-3500T series provides certain special features which enable total control of the automated unit and optimal service, such as:

- Programming the command for partial opening of the gate leaf: ideal for all entrances lacking a pedestrian gate.
- Safety even when the gate is not moving: each command is overridden if an obstacle is detected by the safety devices.
- Gate stopping directly from the radio transmitter: for an always handy control of the gate movement.

The range
BY-3500T Automation system complete with control board, radio decoder and mechanical endstops for sliding gates of up to 3,500 Kg / 7,720 lb with module 6 pinion.
CGZ6 Galvanized rack in rolled steel 30 x 30 mm 1,18 x 1,18 in module 6.
BRC15 Power cable collector device for sensitive safety edges for sliding gates up to 15 m / 49.21 ft in length.
BRCP Aluminium profile for extension L = 5.10 m / 16.73 ft to couple with a BRC15.

Application example: on 15 m / 49.21 ft sliding gate set up n. 1 BRC15 + n. 3 BRCPs.

Limits to use
BY-3500T
Gate leaf weight (Kg/lb) 3,500/7,720

Technical features
Type BY-3500T
Protection rating IP54
Power supply (V) (50/60Hz) 230-400 A.C. 3-phase
Motor power supply (V) 230-400 A.C. 3-phase
Current draw (A) 2
Power (W) 750
Manoeuvre speed (m/min - ft/s) 10,5/0,57
Duty cycle (%) 50
Thrust (N) 3,500
Motor’s thermo-protection (°C/°F) 150 / 302
Operating temperature (°C/°F) -20 - +55 / -4 - +131

Dimensions

Standard installation

- Photocells
- Photocell post (H=0,5/1 m)
- Photocells
- Photocells
- Cable holder system
- Flashing light
- Switch
- Mechanical endstops
- Rack
- Gate plate
- Extension profile
- Safety sensitive edge
- Electric cables junction box
- Radio transmitter
- Operator Control panel
- BY-3500T
- BY-3500T

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