

# Electric door closer



## CHARACTERISTICS

- Automation for continuous and intensive service
- Power combined with compact design
- Suitable to operate heavy and large doors
- Easy installation and operating

## DESCRIPTION

- Heavy Duty
- "Low energy" mode
- Reduced speed and acceleration for environments used by people with limited and slow reaction capabilities according to specific regulations and directives
- Push & go mode
- Optional opening with remote control
- Compatible with different opening, safety and security devices
- Head fitted Switch, on/off
- Head fitted logic switch, standard 3 position
- Easy and intuitive parameters adjustment with double display on control board
- Works with different models of electric lock/magnet
- Cover in anodised aluminium, available on request RAL finishing
- Synchronised double door operators
- Option connection to BMS (Building Management System)
- High torque value
- Force adjustments for opening and closing in different environmental condition, wind or pressurised rooms
- Configuration on control board for 2 input 2 output auxiliary signals

### There are 2 product ranges:



#### Opened by motor, closing by spring

Universal, mostly used when the door has to close in case of power failure. In this case, the automation works as a spring.

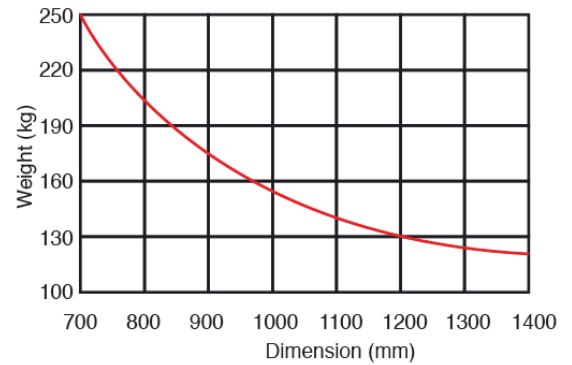


#### Opening by spring, closing by motor

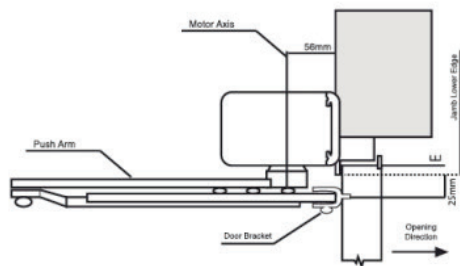
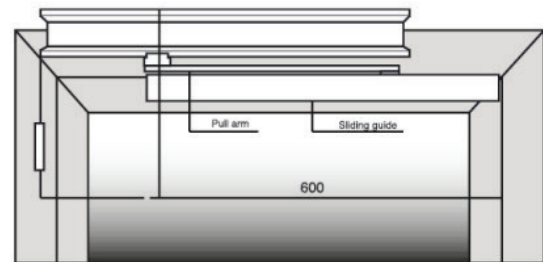
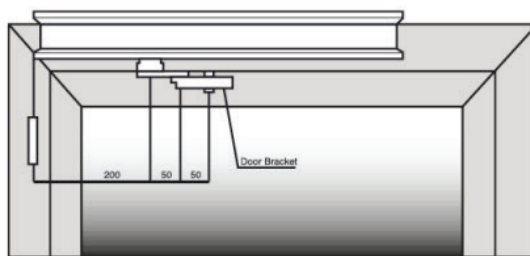
Inverse, it opens without power supply by spring, for ventilation and smoke clearance. This model can also be used in emergency exits.

## TECHNICAL SPECIFICATIONS

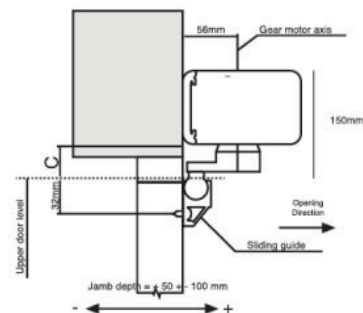
- Power Supply: 230 VAC – 50HZ
- Nominal power: 85W
- Power external devices: 12DVC – 12W Max.
- Emergency batteries: 2x12V 1.3Ah (optional only for opened and closed by motor model)
- Parameters adjustment: with double display with push buttons on control board, dip-switches or PC interface
- Opening max. angle: 110°
- Max payload: 250 Kg
- Wing dimensions: 700mm to 1400mm
- Operating temperature: -10°C a +50°C
- Weight: 12kg
- Dimensions: 664 x 130 x 86
- Service: continuous
- Electric lock powers: 12/24 Vdc – 15W max
- Spring tension: EN4-EN6
- Arm system: articulated push arm, rigid pull arm



MAX PAYLOAD OF THE WING



Arm extensions	Value E
L = 30 mm (standard)	8
L = 50 mm	28
L = 70 mm	48
L = 90 mm	68



Arm extensions	Value C
L = 30 mm (standard)	35
L = 50 mm	52
L = 70 mm	75
L = 90 mm	95

## ORDER INFORMATION

- DC212100 - Electric door closer

## RELATED PRODUCTS



Scissor arm for electric door closer



Scissor arm for electric door closer  
long



Sliding arm for electric door closer



5-position switch for electric door  
closer



Arm extensions for electric door closer

## ORDER INFORMATION

- DC212102 - Scissor arm for electric door closer
- DC212103 - Scissor arm for electric door closer long
- DC212101 - Sliding arm for electric door closer
- DC212109 - 5-position switch for electric door closer
- DC212104 - DC212105 - DC212106 - DC212107 - Arm extensions for electric door closer