

DOOR STOP



SPECIFICATIONS

Function

Block the door

Dimensions in mm

(Length × Width × Height)

35 × 35 × 17

Material (cover)

Polymer

Color

Black

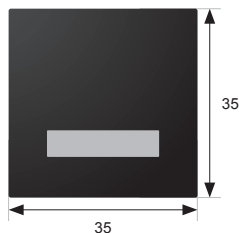
DESCRIPTION

The door stop is a shake proof part which could safeguard the wall surface and avoid damages caused by crash. It can be also deployed to restrict the door swing angle partially, making the door leaf single acting instead of double acting.

FEATURES

- + Easy to install
- + Durable in use

DIMENSIONS

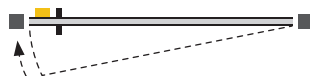


LOCATION

Ⓐ To make the door single acting

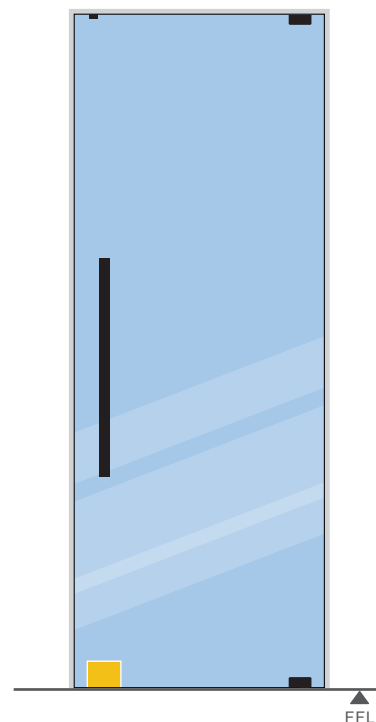


SIDE

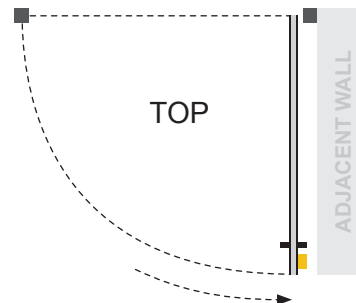


TOP

Ⓑ To safeguard the wall surface



SIDE



TOP

ADJACENT WALL

DOOR CLOSER DORMA BTS 75 V



SPECIFICATIONS

Maximum leaf weight

120 kg

Dimensions in mm

(Length × Width × Height)

275 × 82 × 50

Floor cut-out dimensions in mm

(Length × Width × Height)

277 × 83 × 70

Closing force classification

(according to EN 1154)

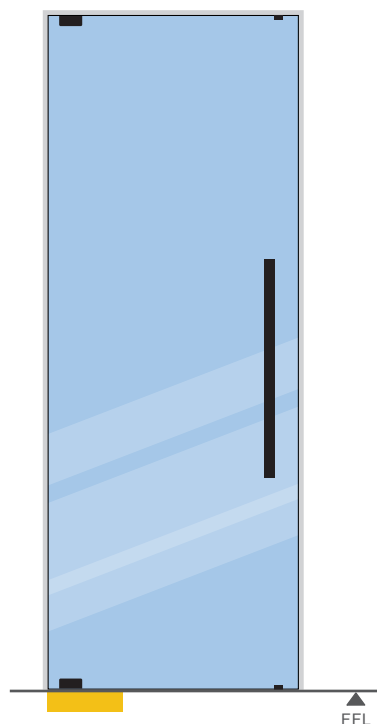
1 to 4 (adjustable)

FEATURES

- + Concealed housing
- + Spring strength adjustment
- + Easy system for adapting the door leaf position
- + No hold open function integrated
- + Adjustable closing speed
 - Two independently adjustable closing ranges (175° – 15° and 15° – 0°)
- + Suitable for both single and double action doors
- + Mechanical backcheck at approximately 70°
 - Protects the wall and door from damage caused by excessively vigorous opening

DESCRIPTION

The DORMA BTS 75 V floor springs are designed for all types of doors including single or double action doors. Thanks to its design, quality and reliability, this is our standard floor spring for Lunax orders. The floor spring is highly adjustable with regulating screws all around the floor spring. The integrated spring mechanism is designed to give maximum user convenience and has a temperature-independent closing cycle. Additionally, the concealed installation makes it the ideal floor spring for each application.



FRONT



SIDE

DOOR CLOSER DORMA BTS 80 EMB



SPECIFICATIONS

Maximum leaf weight

300 kg

Dimensions in mm

(Length × Width × Height)

341 × 78 × 60

Floor cut-out dimensions in mm

(Length × Width × Height)

376 × 79 × 80

Closing force classification

(according to EN 1154)

4

Operating voltage (VDC)

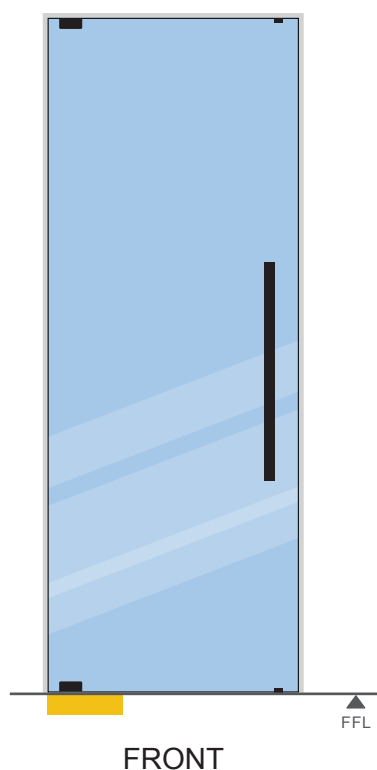
24

DESCRIPTION

The DORMA BTS 80 EMB concealed floor spring provides an electromagnetic hydraulic hold open feature, allowing doors to self-close upon the interruption of an electrical current, yet remain functional in noncritical situations. This closer is specifically designed to be used in fire/life safety applications where the hold open is electrically controlled by a fire alarm contact. Its dual valve adjustment will provide controlled closing speed from approximately 180° opening range. DORMA BTS 80 EMB has mechanical backcheck at approximately 70° and will also provide adjustment within the cement case to allow lateral, longitudinal and vertical height adjustment.

FEATURES

- + Concealed housing
- + Suitable for double action doors
- + Controlled closing from 180°
- + Hold-open mechanism in any position between 65° and 175°
- + Door can be manually removed from hold open when current is applied to floor spring
- + When no current is applied, it acts as standard hydraulic floor spring
- + Loss of electrical current will close the door under full hydraulic control
- + Adjustable closing speed
 - Two adjustable closing ranges (180° – 0° and 7° – 0°)
- + Mechanical backcheck at approximately 70°
 - Protects the wall and door from damage caused by excessively vigorous opening
- + Secondary regulation system prevents damages caused by forced closing
- + Unit includes 3 m of power cable
- + Fixed spring strength



ELECTROMAGNETIC HOLD-OPEN DORMA EM-SERIES



SPECIFICATIONS

Function

Electromagnetic

Holding force according to EN 1155 (N)
490

Operating voltage (VDC)
24 ± 15%

Power consumption (W)
1.5

Temperature range
-20°C – 40°C

Ingress Protection
IP 20

DESCRIPTION

The DORMA EM 500 H + MAG 1 armature plate is an optional hold-open magnet solution which is capable to hold and release the door when the fire alarm is triggered. The EM 500 H hold-open magnet is equipped with pole reversal protection and integral test pushbutton for floor, ceiling and wall mounting.

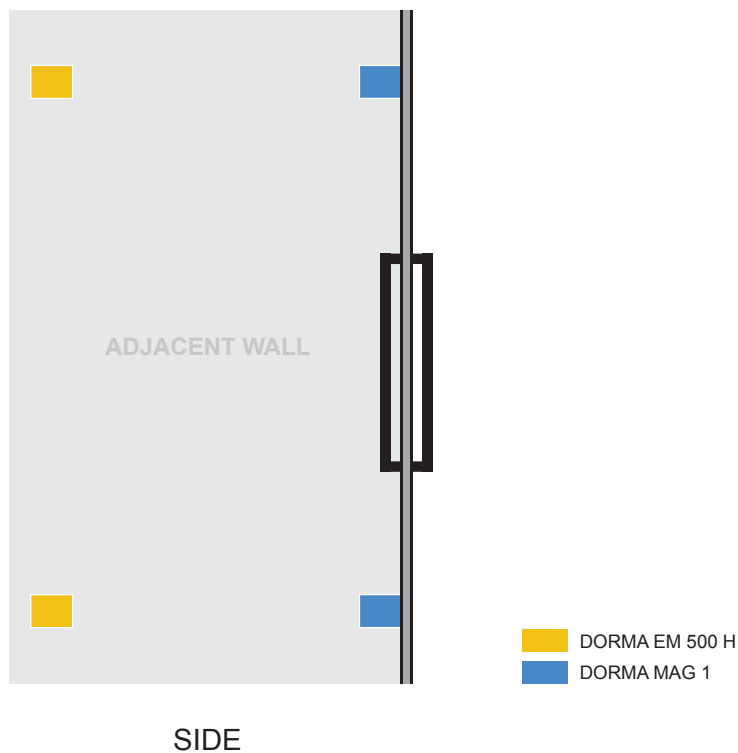
The MAG-1 armature plate glued on the door leaf has a uniform appearance suitable for a wide range of applications.

The cost-effective modular system offers the advantages of maximum flexibility.

FEATURES

- + Single action mechanism
- + Quick and easy to fix
- + Flexibility in application (ceiling, wall and floor)
- + Armature plate will be delivered with the accessories and needs to be bonded on site
- + Prior installation of armature plate in factory is on request

POSITION



ELECTRICAL LOCK EL404



SPECIFICATIONS

Function

Electromechanical

Front plate dimensions in mm (Width x Length)

25 x 251

Operating voltage (VDC)

12 - 24

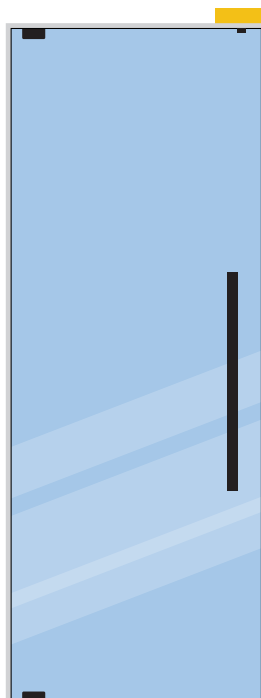
Minimum door leaf width (mm)

520

FEATURES

- + Suitable for badge control systems
- + Concealed in top frame
- + Applicable on single and double doorsets
- + Especially designed for double acting mechanism
- + Chrome plated forend
- + Appropriate cut-outs in Lunax graphite strips are foreseen
- + Frame cut-out drawings are available

POSITION



FRONT



SIDE

DESCRIPTION

The EL404 is an electromechanical lock with a double action bolt construction for durable and easy use. Its unique symmetrical trigger bolt works perfectly in double acting Lunax fire door systems when it is embedded into the construction around the structural opening. The lock is designed to be inserted in a pre-prepared cut-out.

This lock offers a cost-effective way of electric locking and can be controlled by a variety of control devices such as card readers, keypads or timers. The ideal solution for interior doors of business premises.

DOOR CLOSER GEZE TS 500 NV



SPECIFICATIONS

Maximum leaf weight

150 kg

Dimensions in mm

(Length × Width × Height)

278 × 82 × 42

Floor cut-out dimensions in mm

(Length × Width × Height)

289 × 88 × 70

Closing force classification

(according to EN 1154)

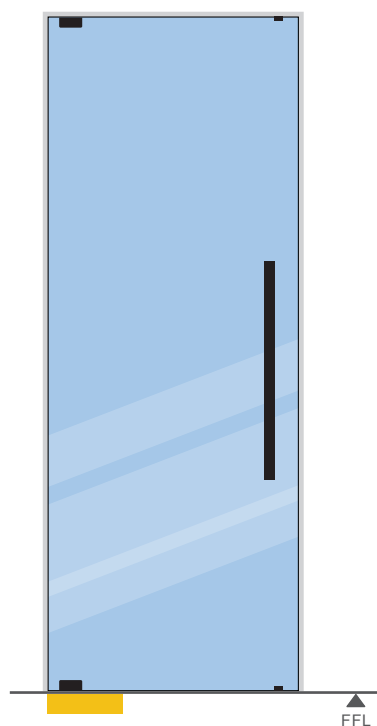
1 to 4 (adjustable)

DESCRIPTION

GEZE TS 500 NV is a floor spring designed for all types of doors including single or double action doors. Combined hydraulic latching mechanism accelerates the door shortly before it arrives in closed position.

FEATURES

- + Concealed housing
- + Suitable for both single and double action doors
- + Steeples adjustable closing force
- + Adjustable closing speed
 - Two independently adjustable closing ranges (175° – 15° and 15° – 0°)
- + Easy lateral adjustment
- + Mechanical backcheck
 - Protects the wall and door from damage caused by excessively vigorous opening
- + Closing force can be adapted individually
- + No hold open function integrated
- + Safety valve against willful damage



FRONT



SIDE

LUNAX GRAPHITE



SPECIFICATIONS

Function

Chemical reaction

Building material classification according to DIN 4102-1

B2 (normal flammability)

Building material classification according to DIN EN 13501-1

E (normal flammability)

Material

Exfoliated graphite

Material structure

Firm graphite laminated with thin polymer (H-PVC)

Thickness in mm

4

Width variants in mm

(tolerance according to ISO-2768)

- 40 (for EI30)
- 50 (for EI30 and EI60)

Raw density at 1mm (kg/m³)

1370 (± 10%)

Foaming rate in three dimensions

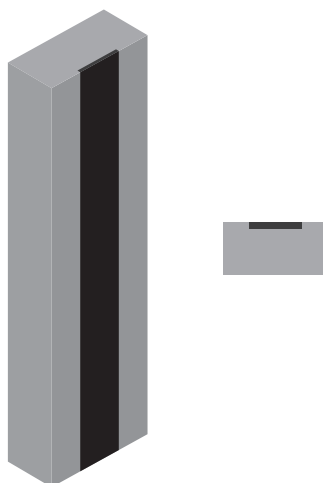
37 to 52 times

DESCRIPTION

The Lunax graphite strip is a flexible, intumescent material on the basis of exfoliated graphite that foams up under pressure with thermal influence. The early beginning of reaction takes place at about 200 °C and turns the structure into a voluminous foam in case of fire, closing all the gaps around Lunax door leaves.

FEATURES

- + Comes with special glue to ensure a long-term connection
- + Fits the supporting construction groove (Timber, Hybrid and Gypsum)
- + Sticky-side laminated with tape which eases installation
- + Special versions with cut-outs in graphite for top side installation are available

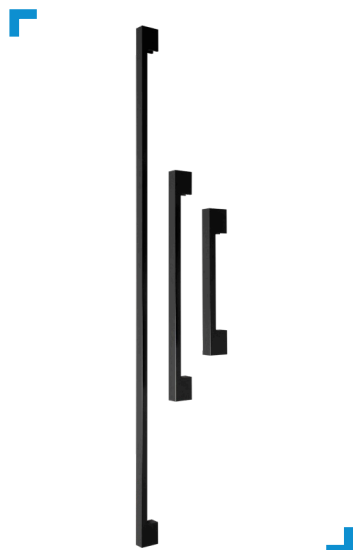


Graphite **integrated in** supporting construction



Graphite **on** Concrete supporting construction

DOOR HANDLE MODEL K



SPECIFICATIONS

Function

Manual push / pull

Material

Aluminium

Standard finishing

RAL 9005 powder coating

Length variants (in mm)

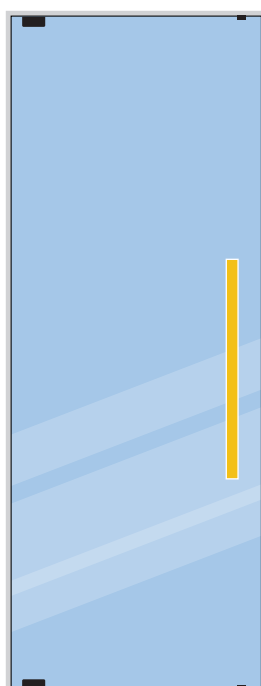
- 300
- 500
- 1190

FEATURES

- + Lightweight material
- + High strength
- + Aesthetically attractive
- + Height of handle can be chosen
- + Custom paint on request

DESCRIPTION

MODEL K is an iconic rectangular-shaped push & pull handle. The model is secured to two mounting blocks which are glued on the surface of the door. It has no sharp edges and has a soft-feel. The handle is most applicable in offices, private uses and stairwells. The slim design of the MODEL K gives the Lunax door a touch of extra beauty and aesthetic.

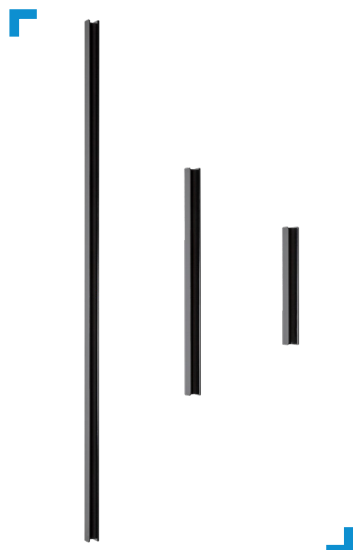


FRONT



SIDE

DOOR HANDLE MODEL S



SPECIFICATIONS

Function

Manual push / pull

Material

Steel

Standard finishing

RAL 9005 powder coating

Length variants (in mm)

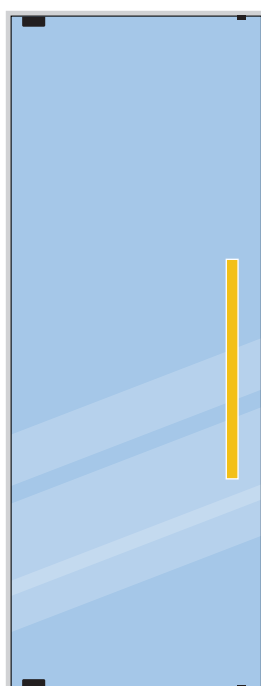
- 250
- 500
- 1190

FEATURES

- + High strength
- + Aesthetically attractiveness
- + Shock absorbing
- + Height of handle can be chosen
- + Custom paint on request

DESCRIPTION

MODEL S is a firm rectangular-shaped push & pull handle. The model is glued on the surface of the door and is capable of heavy work. It has no sharp edges and has a soft-feel. The handle is most applicable in high traffic passages like schools, public buildings, hospitals and assisted living centers. Its design gives strength and is the most shock absorbing handle of the Lunax gamma.



FRONT



SIDE

DOOR HANDLE MODEL T



SPECIFICATIONS

Function

Manual push / pull

Material

Brushed stainless steel AISI 316

Standard finishing

Satin finishing

Variants in mm (Length x Diameter)

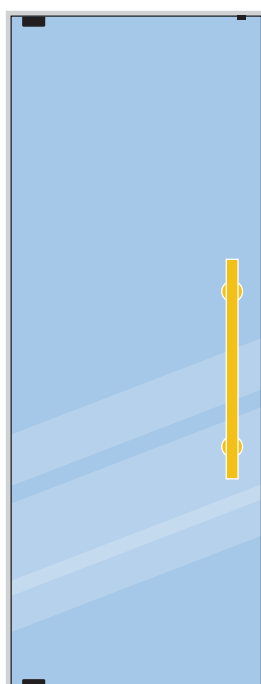
- 300 x 19
- 500 x 26
- 1200 x 26

FEATURES

- + High strength material
- + Aesthetically attractive
- + Nice and safe grab feeling
- + Height of handle can be chosen
- + Custom paint on request

DESCRIPTION

MODEL T is a cylinder-shaped push & pull handle. The model is secured to two mounting blocks which are glued on the surface of the door. It has no sharp edges. The handle is most applicable in offices, private uses and stairwells. The modern design gives a different dimension to the total design of the fire door.



FRONT



SIDE

ONE-WAY LOCK



SPECIFICATIONS

Function

Mechanical

Dimension in mm

(Length × Width × Height)

77 × 72 × 45

Fixation

Gluing

Standard finishing

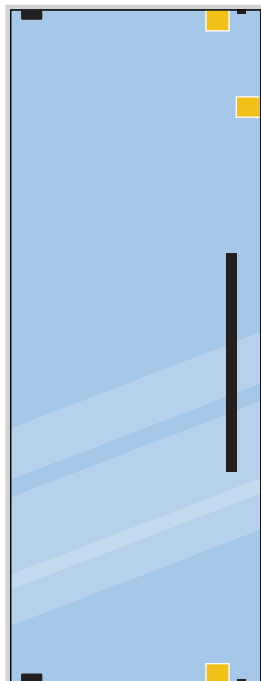
RAL 9005 powder coating

DESCRIPTION

The One-way lock is a lock with a half euro profile cylinder. The lock pin with a cemented core is controlled with supplied keys. It is able to lock a fire door in the top or side frame or in the floor. No notches are required in the door leaf because the lock is glued on the surface of the door. The black finish makes the one-way lock a valuable option that fits the door concept. Single side accessibility to the lock and the associated risks in case of fire shall be noted regarding its application.

FEATURES

- + Suitable to secure an environment from one side
- + Appropriate for end-of-day locking purposes in small offices or permanent locking of a door leaf
- + Can be glued on top, middle and bottom of the door leaf
- + Applicable on single door and double doors
- + More than one lock can be used
- + Custom colors of housing on request
- + Lock will be delivered with the accessories and needs to be bonded on site
- + Prior installation of lock in factory is on request



FRONT



SIDE