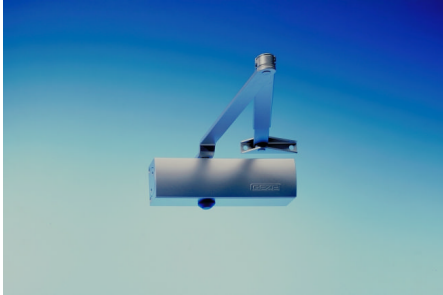


Door Closers

SSDC 10201 overhead closer



Overhead rack and pinion door closer for light internal doors, for standard and transom mounting, for DIN left and DIN right doors up to 1100mm wide. A mounting plate is available for doors where direct mounting is not possible.

- Variable closing force in two sizes
- Adjustable closing speed
- Adjustable hydraulic latching action
- Suitable for doors up to 1100mm wide
- Optional hold-open setting between 70° and 150°
- Standard mounting on door leaf and transom mounting possible
- Closer body and arm available in silver, dark bronze and gold (RAL colours on request)
- Universal fixings
- Type tested to BSEN1154:1997
- Included in successful fire tests to BSEN1634 Part 1:2000
- Assessed for use on 30 minute, 1 hour and 2 hour fire doors.
- Certifire approved (CF144)

SSDC 10340 overhead closer

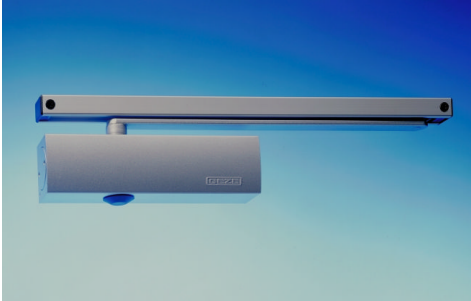


Universal surface mounted rack and pinion door closer with flat form arm for doors up to 1250mm, with variable closing force, latch action and closing speed adjustment on the front of the mechanism.

Features:

- Variable closing force, size 2-4 and 5 to EN 1154
- Only one closer for three sizes
- Adjustable closing speed on front of closer
- Adjustable hydraulic latching action
- Suitable for doors up to 1250mm wide
- Steel flat form arm
- Universal fixings (Fig.1, 61 and 66 in on box)
- Standard mounting on door leaf and transom mounting possible
- Closer body and arm available in silver, dark bronze, white, black and gold (RAL colours on request)
- Stainless steel, brass plated & RAL colour coated covers available
- **Models:**
 - Standard Hold-open link arm available
 - Back check with latching action by valve
 - Type tested to BSEN1154:1997
- Included in successful fire tests to BSEN1634 Part 1:2000
- Assessed for use on 30 minute, 1 hour and 2 hour fire doors.
- Certifire approved (CF252)

Door Closers



SSDC 28348 Guide rail door closer

Surface mounted eccentric rack and pinion door closer with guide rail arm for doors up to 1100mm, with adjustable closing force, hydraulic latch action, closing speed and eccentric pinion for easier opening.

Features:

- Eccentric rack and pinion system for easier opening
- Non-projecting guide rail arm
- Adjustable closing force size 1-4
- Valve adjustable latching speed on front of closer
- Valve adjustable closing speed on front of closer
- Can be used for right and left hand doors (pulling or pushing) without adjustment
- For doors up to 1100mm wide
- Stainless steel, brass plated & RAL colour coated covers available
- **Models:**
 - Standard Fixed Power EN3 Back Check
- Type tested to BSEN1154:1997
- Included in successful fire tests to BSEN1634 Part 1:2000
- Assessed for use on 30 minute, 1 hour and 2hour fire doors.
- Certifire approved (CF145)

SSDC 102843 overhead door closer

Universal surface mounted rack and pinion door closer with flat form arm for doors up to 1400mm, with adjustable closing force, optical strength indicator, back check, latch action. All valve adjustments on the front of the mechanism.

Features:

- Adjustable closing force size range 1-6
- Optical strength indicator
- Adjustable back check
- Steel flat form arm
- Adjustable latching action
- All adjustments on front of closer
- Universal fixings (Fig.1, 61 & 66) in one closer
- Stainless steel, brass plated & RAL colour coated covers available

Models:

Standard Type tested to BSEN1154:1997 Included in successful fire tests to BSEN1634 Part 1:2000 Assessed for use on 30 minute, 1 hour and 2hour fire doors. Certifire approved (CF252)

Door Closers



SSDC 105211

Universal surface mounted rack and pinion door closer with flat form arm for doors up to 1400mm, with adjustable closing force, optical strength indicator, back check, latch action, built in electro-magnet. All valve adjustments on the front of the mechanism.

Features:

- Adjustable closing force size range 1-6
- Optical strength indicator
- Adjustable back check
- Steel flat form arm
- Adjustable latching action
- All adjustments on front of closer
- Universal fixings (Fig.1, & 61) in one closer
- Stainless steel, brass plated & RAL colour coated covers available

Models:

Electro-mechanical hold-open
Electro-mechanical swing free

Included in successful fire tests to BSEN1634 Part 1:2000
Assessed for use on 30minute, 1 hour & 2 hour fire doors

Type tested to BSEN1154:1997

Certifire Approved (CF252)

SSDC 27333 overhead guide rail closer



Surface mounted eccentric rack and pinion door closer with guide rail arm for doors up to 1400mm, with adjustable closing force, optical strength indicator, back check, hydraulic latching action and eccentric rack and pinion for easier opening. All adjustments on the front of the mechanism.

Features:

- Eccentric rack and pinion system for easier opening
- Non-projecting guide rail arm
- Closing force adjustable from the front (size range EN 2-6)
- Optical closing force indicator
- Adjustable back check
- Valve adjustable latching action
- All adjustments on front of closer
- Stainless steel, brass plated & RAL colour coated covers available

Models:

- | | | |
|----------|-----------|----------------|
| Standard | Hold-open | Delayed action |
|----------|-----------|----------------|
- Type tested to BSEN1154:1997 Included in successful fire tests to BSEN1634 Part 1:2000
 - Certifire approved (CF145) Assessed for use on 30 minute, 1 hour and 2hour fire doors

Door Closers

SSDC 11431 overhead closer



Surface mounted door closer sizes 2-3 by turning power arm's shoe over.

- Weak closing force for leaf widths up to 850mm (EN1154 size 2)
- Strong closing force for leaf widths up to 950mm (EN1154 size 3)
- Fire tested to EN1634-1 Certifire CF144
- Adjustable closing speed
- Adjustable latching speed
- Available in Silver, Gold, RAL
Simulated SSS & Simulated PSS finishes.

SSDC12065 slim cam closer



Surface mounted cam controlled guide rail closer

- Power adjustable EN1154A power size 2-4
- Adjustable closing force
- Adjustable closing speed
- Adjustable hydraulic latching action
- Adjustable hydraulic back check
- Fire tested to EN1634-1 and Certifire CF145

Suitable for door leafs with masses up to 130Kg and leaf width of 1100mm

Available Options

- Manual hold open device (not suitable for fire doors)
- Electromagnetic hold open device
- Silver, SSS, PSS and RAL finishes

This pattern closer has been independently tested by Bodycote Warrington APT Laboratories Ltd at size three and achieved a maximum opening force of 24.87Nm between 0-30degrees and 10.47Nm between 30-60 degrees. A maximum of 18.09Nm closing force between 4-0degrees was achieved. Please note the forced required to operate specific door sets will vary according to the door size, and friction in hinges, door seals etc.

Door Closers



SSDC 99728 size 2-4

An integrated door closer available in single or double action and optional hold-open. Version in power size 2-4 (EN 1154 A) suitable for doors with a leaf depth of 40mm, maximum weight of 130kg and maximum leaf width of 1100mm.

Version in power size 3-6 (EN 1154 A) suitable for doors with a leaf depth of at least 50mm, maximum weight of 180kg and leaf width of no

greater than 1400mm. suitable for use on fire doors

Features:

- Totally concealed when door is closed
- Optional mechanical hold-open (not suitable for use on fire doors)
- Maximum leaf width 1400mm (EN 3-6) and 1100mm (EN 2-4)
- Maximum leaf weight 180kg (EN 3-6) and 130kg (EN 2-4)
- Adjustable closing force
- Adjustable closing speed
- Adjustable hydraulic back check
- Certifire approved (CF242)

Models:

Standard single action Standard double action Mechanical hold-open
Electro-mechanical hold-open Free swing

SSDC 173456 overhead door closer



Overhead rack and pinion door closer for light internal doors, for standard mounting, for left and right handed doors up to 1100mm wide. A mounting plate is available for doors where direct mounting is not possible.

- Variable closing force 2-4 by template
- Adjustable closing speed & latch action
- Adjustable hydraulic latching action
- Suitable for doors up to 1100mm wide
- Standard mounting on door leaf.
- Closer body and arm available in silver and gold
- Type tested to BSEN1154:1997
- Included in successful fire tests to BSEN1634 Part 1:2000
- Assessed for use on 30 minute, 1 hour and 2 hour fire doors.
- Certifire approved (CF295)

Door Closers



Concealed closer

Included in successful fire tests
to BSEN1634 Part1: 2000

Suitable for use on 30minute fire door

SSDC 87102.243 Satin Chrome Close

SSDC 8500.924 Electro-brass closer



Door Co-coordinator

The door coordinator enables a pair of self-closing doors with rebated meeting stiles to close in correct sequence automatically, no matter which door is opened first.

Type tested to BS1158 clause 4

Tested to 1000 000 operations.

Has been included in successful fire test to BSEN1634-Part1:2000

Suitable for use with door closers power sizes 3-5

Door leaf size to maximum 1220mm up to 54mm thick

Maximum rebate size 25mm

SSDC 87.102.975 Silver SSDC 87.102.976 Gold

Satin Stainless steel & Polished brass also available

Door Closers

Floor Springs

SSFS 103086



Floor-mounted door closer for single and double action doors with reduced depth of 42mm.

For leaf widths up to 150kg and up to 1100mm width.

With flat-tapered, interlocked spindle, for left and right handed doors, with cement box, controlled closing from approx. 175°.

Features:

- Closing force size 3 or adjustable size 1-4 to EN 1154
- Back check
- Adjustable closing speed
- Adjustable latching action available
- Safety valve preventing deliberate overloading
- Closing range from approx. 175°
- For right and left hand interior single action and double action doors
- For doors up to 950mm and 1100mm wide
- For doors weight up to 150kg

SSFS 57887



Floor spring for interior single and double action doors up to 1250mm wide with flat cone spindle, adjustable closing force, back check, selectable hold-open and galvanised steel concrete box.

Features:

- Adjustable closing force from outside, size 2-5 to EN 1154
- Back check
- Adjustable closing speed
- Safety valve preventing deliberate overloading
- Closing range from approx. 175°
- Galvanised concrete box
- Selectable hold-open (80° - 120°)

Models:

Standard	Sealed
Delayed Action	Adjustable latching action
Fixed hold-open	Non hold-open
Electro-hydraulic hold-open	Integrated door selector