

Product data sheet

Boxer ISM



Integrated door closer system for double leaf doors with
closing sequence control

AREAS OF APPLICATION

- Fire and smoke protection doors, proof of suitability for the door required
- Double leaf single-action doors
- Single-action doors up to 2800 mm hinge clearance and 1400 mm leaf width, for door weights up to 180 kg
- Minimum hinge clearance 1300 mm, minimum width of passive leaf 540 mm
- For door leaf thicknesses from 40 mm
- Integrated installation

PRODUCT FEATURES

- System comprising two Boxer door closers and ISM guide rail
- Closing force with variable adjustment of EN2-4 or EN3-6
- Can be used for right and left hand doors without conversion
- Door closer is embedded in the door leaf and frame and fulfils the highest design demands
- Closing sequence control holds the active leaf in the waiting position until the passive leaf is closed
- Hydraulic latching action which accelerates the door shortly before it is closed
- Closing speed can be individually adjusted
- Integrated back check, slows down doors that are thrown open forcefully
- All functions can be adjusted in the installed state

TECHNICAL DATA

| | |
|---|-------------------------------|
| Productname | Boxer ISM |
| Closing force in accordance with EN 1154 | EN 2 - 6 |
| Barrier-free in accordance with DIN 18040 up to leaf width (max.) in mm | 1100 mm |
| Leaf width (max.) | 1400 mm |
| Leaf weight (max.) | 180 kg |
| Type of installation | Concealed |
| Opening angle (max.) | 120 ° |
| Minimum hinge clearance | 1300 mm |
| Minimum passive leaf width | 540 mm |
| Suitability for fire protection doors | Yes |
| Closing force adjustable | Yes, stepless |
| Adjustable closing speed | Yes |
| Latching action adjustable | Yes, via valve |
| Back check integrated | Yes, hydraulically adjustable |

Boxer ISM



| | |
|--|---------------------|
| Position of closing force adjustment | Top |
| Hold-open function | Optional |
| Hold-open device on the active leaf / passive leaf | Optional / Optional |
| Smoke switch integrated | No |
| Closing sequence control integrated | Yes |

VARIANTS / ORDER INFO

| Designation | Description | Ident-No. | Closing force in accordance with EN 1154 | DIN direction | Leaf width (max.) |
|---------------------------------|--|-----------|--|---------------|-------------------|
| GEZE Boxer 3-6 E-ISM with RSZ 6 | Size EN 3-6 with E-ISM guide rail with integrated closing sequence control, electric hold-open device on both sides and separate smoke switch control unit | N/A | EN 2 - 6 | left / right | 1400 mm |
| GEZE Boxer 2-4 E-ISM with RSZ 6 | Size EN2-4 with E-ISM guide rail with integrated closing sequence control, electric hold-open device on both sides and separate smoke switch control unit | N/A | EN 2 - 6 | left / right | 1400 mm |
| GEZE Boxer 2-4 ISM | Size EN2-4 with ISM guide rail with integrated closing sequence control | N/A | EN 2 - 6 | left / right | 1400 mm |
| GEZE Boxer 3-6 ISM | Size EN 3-6 with ISM guide rail with integrated closing sequence control | N/A | EN 2 - 6 | left / right | 1400 mm |

PART

CLOSER BODY BOXER 2-4

Basic body for integrated door closer EN 2-4 with back check



| Designation | Description | Ident-No. | Closing force in accordance with EN 1154 | Spindle extension | Dimensions |
|----------------------------|--|-----------|--|-------------------|------------------|
| GEZE Boxer 2-4 door closer | Closing force EN2-4 with back check (without guide rail), leaf width up to 1100 mm, door leaf thickness min. 40 mm | 101759 | EN 2 - 4 | 4 mm | 286 x 32 x 45 mm |
| GEZE Boxer 2-4 door closer | Closing force EN2-4 with back check (without guide rail), leaf width up to 1100 mm, door leaf thickness min. 40 mm | 099728 | EN 2 - 4 | | 286 x 32 x 45 mm |

CLOSER BODY BOXER 2-4 2V

Basic body for integrated door closer EN 2-4 with back check and latching action valve



| Designation | Description | Ident-No. | Closing force in accordance with EN 1154 | Spindle extension | Dimensions |
|--------------------------|---|-----------|--|-------------------|------------------|
| GEZE Boxer 2-4 2V closer | Closing force EN2-4 with back check and independent latching action valve (smooth latching function also possible, without guide rail) / Leaf width up to 1100 mm, door leaf thickness min. 40 mm | 134494 | EN 2 - 4 | 8 mm | 286 x 32 x 45 mm |
| GEZE Boxer 2-4 2V closer | Closing force EN2-4 with back check and independent latching action valve (smooth latching function also possible, without guide rail) / Leaf width up to 1100 mm, door leaf thickness min. 40 mm | 134448 | EN 2 - 4 | | 286 x 32 x 45 mm |
| GEZE Boxer 2-4 2V closer | Closing force EN2-4 with back check and independent latching action valve (smooth latching function also possible, without guide rail) / Leaf width up to 1100 mm, door leaf thickness min. 40 mm | 134493 | EN 2 - 4 | 4 mm | 286 x 32 x 45 mm |

CLOSER BODY BOXER 3-6

Main body for integrated door closer EN 3-6 with back check



| Designation | Description | Ident-No. | Closing force in accordance with EN 1154 | Spindle extension | Dimensions |
|----------------------------|--|-----------|--|-------------------|------------------|
| GEZE Boxer 3-6 door closer | Closer size EN 3-6 with back check (without guide rail) / Leaf width up to 1400 mm, door leaf thickness min. 50 mm | 101761 | EN 3 - 6 | 4 mm | 293 x 40 x 54 mm |
| GEZE Boxer 3-6 door closer | Closer size EN 3-6 with back check (without guide rail) / Leaf width up to 1400 mm, door leaf thickness min. 50 mm | 099735 | EN 3 - 6 | | 293 x 40 x 54 mm |
| GEZE Boxer 3-6 door closer | Closer size EN 3-6 with back check (without guide rail) / Leaf width up to 1400 mm, door leaf thickness min. 50 mm | 101762 | EN 3 - 6 | 8 mm | 293 x 40 x 54 mm |

Boxer ISM



ISM GUIDE RAIL BOXERN

With closing sequence control and lever



| Designation | Description | Ident-No. | Colour |
|-----------------------|---|-----------|-----------------|
| ISM guide rail Boxern | with integrated closing sequence control and levers | 114141 | silver-coloured |

ACCESSORIES

CB FLEX

Carry bar for safe closing of double leaf fire protection doors



| Designation | Description | Ident-No. | Colour |
|----------------|---|-----------|------------------|
| GEZE CB flex * | for use on all 2-leaf rebated doors. Concealed length adjustment with variable adjustment up to 210 mm leaf protrusion, hinged mechanism not visible, profile can be shortened if necessary, with attachment material | 182652 | white RAL 9016 |
| GEZE CB flex | for use on all 2-leaf rebated doors. Concealed length adjustment with variable adjustment up to 210 mm leaf protrusion, hinged mechanism not visible, profile can be shortened if necessary, with attachment material | 153602 | silver-coloured |
| GEZE CB flex | for use on all 2-leaf rebated doors. Concealed length adjustment with variable adjustment up to 210 mm leaf protrusion, hinged mechanism not visible, profile can be shortened if necessary, with attachment material | 153728 | according to RAL |

MECHANICAL HOLD-OPEN UNIT

For ISM guide rail



| Designation | Description | Ident-No. |
|---------------------------|---|-----------|
| Mechanical hold-open unit | for ISM-guide rail / ISM-guide rail BG, retention force adjustable, can be overridden | 118437 |

FLEXIBLE OPENING RESTRICTOR

For E and R guide rails, single and double leaf



| Designation | Description | Ident-No. |
|-----------------------------|--|-----------|
| Flexible opening restrictor | for guide rail 1-leaf: TS 5000 E/R/RFS (door leaf installation), Boxer E; 2-leaf: all E/R/ISM variants TS 5000 (incl. VPK) and Boxer | 145311 |

* The products designated above may vary in form, type, characteristics, function, or availability depending on the country. Please get in touch with your GEZE contact person if you have any questions.