

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

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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

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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

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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.