

# Product data sheet Boxer ISM



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



## **AREAS OF APPLICATION**

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

#### **PRODUCT FEATURES**

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



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

# 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



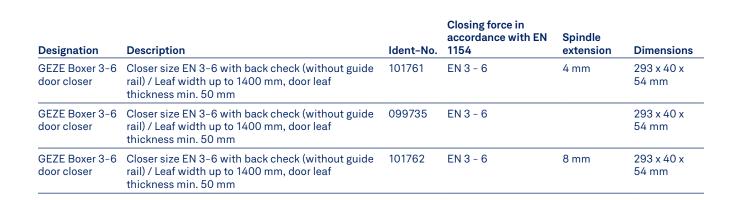
Designation	Description	ldent- No.	Closing force in accordance with EN 1154	Spindle extension	Dimension s
GEZE Boxer 2-4 2V closer	Closing force EN2-4 with back check and independent latching action valve (smooth latching function also possible, without guide rail) / Leaf width up to 1100 mm, door leaf 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



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## **CLOSER BODY BOXER 3-6**

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



#### **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.