

GR200



Ideal for any type of external support
thanks to its backcheck function



Disability Compliance
<50N



Firewall Certification
EN 1634 Standard

GROOM PRODUCT ADVANTAGES

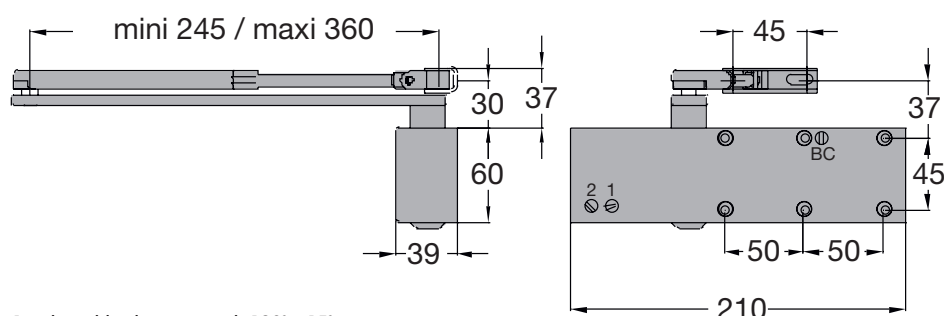
- Latching and closing speed adjustable by grub screw on front
- Adjustable backcheck by grub screw
- Relief valve as a standard
- Opening range up to 180° on hinged side
- Invisible fixings hidden by its clipped cover
- Fitting on any type of support (wood, aluminum, PVC)
- Sustainable and continuous adjustments thanks to its thermostable technology
- Optional multiple fittings

5 YEARS WARRANTY



TECHNICAL CHARACTERISTICS	GR200
Closing force	EN 2/3/4
Maximum dimension of the door	< 1100 mm
Tested to EN 1154	YES
CE mark for construction products	YES
Disability Compliance < 50 N	YES
Fire door, anti-flame and smoke check doors	YES
Adjustable closing speed by grub screw 180° - 15°	YES
Latching adjustable by grub screw 15° - 0°	YES
Adjustable backcheck by grub screw 70° - 180°	YES
Adjustable delayed closing by grub screw 105° - 70°	NO
Scissor arm	YES
Slide arm	OPTION
Hold-open arm module (prohibited on fire doors)	OPTION
Cushioned limit stay	OPTION
Standard colors: silver, white, black	YES
RAL colors	OPTION
High Quality finishes	OPTION

> DOOR-CLOSER DESIGN



1: adjustable closing speed 180° - 15°
 2: adjustable latching 15° - 0°
 BC: adjustable backcheck 70° - 180°

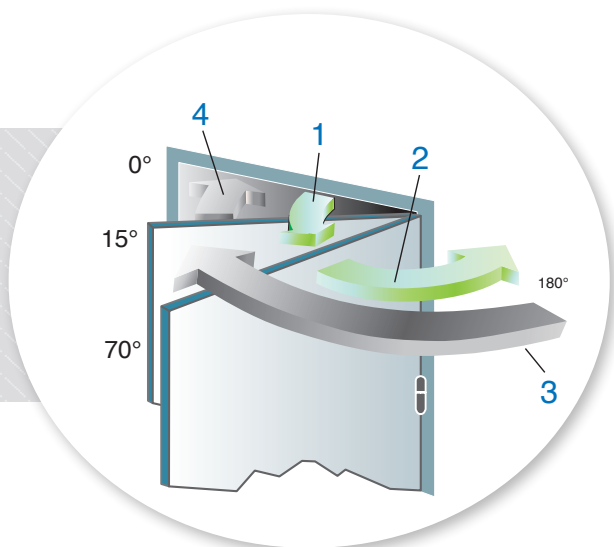


ALL ACCESSORIES ARE AVAILABLE ON PAGES 44/45

GR200 FIXING

> FUNCTIONS

- Zone 1: Regular opening of the door up to 70°
- Zone 2: Adjustable backcheck 70° - 180°
- Zone 3: Adjustable closing speed 180° - 15°
- Zone 4: Adjustable latching 15° - 0°

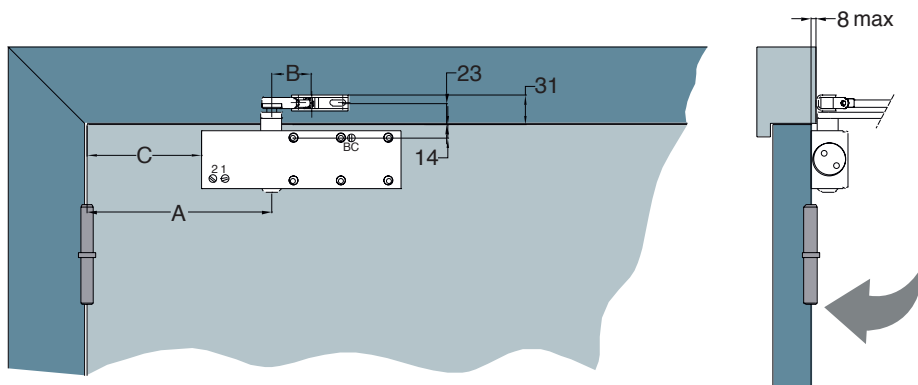


Door width	Adjustable force
= 850	EN 2
= 950	EN 3
= 1100	EN 4

The closing force is obtained by moving the body on the door and/or inverting the arm bracket, without moving the fixation holes.

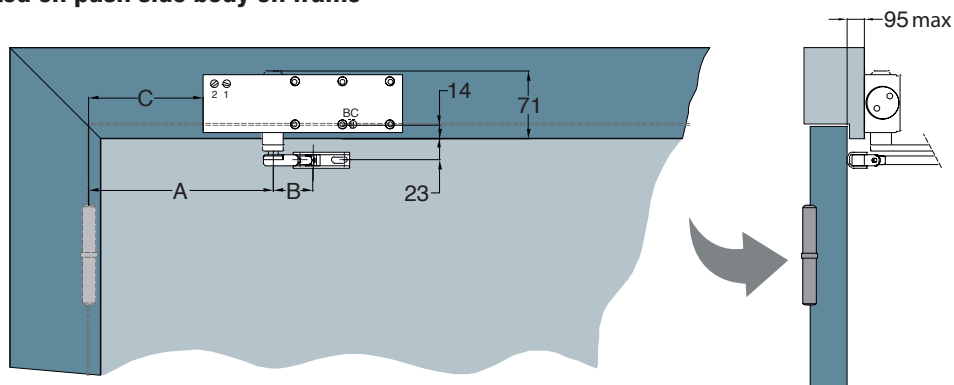
> INSTALLATION

Fitted on pull side body on door



FORCES			
	EN 2	EN 3	EN 4
A	143	193	193
B	92	59	42
C	69	119	119

Fitted on push side body on frame



> DESCRIPTION

GROOM door closer GR200, with symmetrical rack and pinion technology and scissor arm, compliance with EN 1154, CE mark, disability compliance < 50 N.

- Force EN 2, 3 and 4 for doors up to 1100 mm width and / or 80 kg with an opening angle up to 180°.
- Closing speed and latching adjustments by grub screw on front and hidden under the cover plate.
- Adjustable backcheck by grub screw on front hidden under the cover plate.
- Invisible body fixings hidden by its clipped cover.
- Pull or push side installation. Reversible, non-handed.
- Thermostable hydraulic from -20° to +40°, equipped with pressure relief valves.
- Silver, white, black, RAL finishes.
- Accessories: DIN mounting plate for metal profile mounting, staple and U-bolt for mounting on glass body or frame, hold-open arm module, cushioned limit stay.

REFERENCES

GR200

COMPLETE DOOR CLOSER

GR20011X	GR200 BC SCISSOR ARM
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BODY ONLY

GR20001X	GR200 BC BODY ONLY
GR20501X	GR200 BC REVERSE BODY ONLY

SCISSOR ARM

10010X	SCISSOR ARM 150/200/300
20040X	SCISSOR ARM 150/200/300 WITH ADJUSTABLE HOLD-OPEN ARM

SLIDE ARM

GR10050X	SLIDE ARM 150/200/300 WITHOUT HOLD-OPEN
GR10060X	SLIDE ARM 150/200/300 WITH HOLD-OPEN

ACCESSORIES

GR20970X	GR200 DIN SUPPORT PLATE
GR20980X	GR200 RIGHT SUPPORT PLATE
GR20940X	GR200 NARROW SUPPORT PLATE FITTING ON WOODEN DOOR
GR20990X	ANGLED GR200 SUPPORT PLATE
GR20071X	GR200 STAPLE FOR GLASS DOOR
GR57010X	ARM BRACKET SUPPORT PLATE
GR57020X	ANGLED ARM BRACKET SUPPORT PLATE
GR57030X	GR200 U-BOLT

HIGH QUALITY FINISHES

GR200320	GRHF200 BC BODY ONLY BRASS DESIGN
GR200330	GRHF200 BC BODY ONLY BODY STAINLESS STEEL BRUSH
GR200340	GRHF200 BC BODY ONLY CHROME DESIGN
GR100120	SCISSOR ARM 200/300 BRASS STYLE
GR100130	SCISSOR ARM 200/300 STAINLESS STEEL BRUSHES
GR100140	SCISSOR ARM 200/300 CHROME DESIGN
GR100520	SLIDE ARM 200/300 BRASS STYLE
GR100530	SLIDE ARM 200/300 STAINLESS STEEL BRUSHES
GR100540	SLIDE ARM 200/300 CHROME DESIGN

Code X = Finish Code

0 = RAL 9016 white
1 = silver
5 = RAL 9005 black
8 = other RAL (option)

BC = BackCheck