



DC300 Technical Datasheet

Functional and universal rack and pinion
door closer for any door

ASSA ABLOY
Opening Solutions

Experience a safer
and more open world

DC300

Rack and pinion door closer with link arm or guide rail for single leaf doors, size 3-6 / 1-3



DC300 with link arm L190 and guide rail G195, silver, EV1

The DC300 rack and pinion door closer is a functional and universal solution for any door. Its modern and compact design, with a choice of finishes, is both sleek and durable and blends seamlessly into any environment. With the DC300, doors open comfortably and close securely.

- Certified in compliance with EN 1154, size 3-6 / 1-3 (size 2-5 with parallel arm)
- Suitable for fire and smoke protection doors (not for hold-open link arm)
- For single leaf doors up to 1400 / 950 mm width
- Barrier-free according to DIN 18040 (max. leaf width 1250 mm) and CEN/TR 15894

Colours

- Silver, EV1
- White, similar to RAL 9016
- Brown, similar to RAL 8014
- Black, similar to RAL 9005
- Customized colours on request

Features

- Can be used for left- and right-handed doors, door leaf or frame mounted
- Height-adjustable, grooved spindle (14 mm) compensates installation mistakes
- Closing and latch speeds can be raised and lowered independently
- Durable, front-facing metal valves make adjustments easy and reliable
- Consistent performance in a wide range of temperatures
- Backcheck functionality as standard protects frame and surrounding areas (not for parallel arm installation)
- Optional delayed closing allows more time for a user to pass through the door
- Simplified stock management with universal parts and adaptable solutions

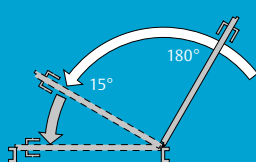
Product variants

- **DC300DA** with delayed closing variable from 180° to 70°, adjustable from front
- **DC300G** with guide rail G195 or G193

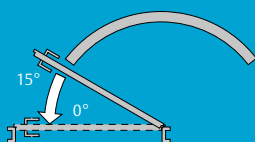
Link arms, guide rails and accessories

- **L190** standard link arm
- **L191** hold-open link arm with adjustable hold-open angle from 75° to 120° – can be enabled and disabled (cannot be used on fire doors)
- **G195** height-adjustable guide rail (2 mm) with concealed fastening screws
- **G193** standard guide rail with visible fastening screws
- **A120** mounting plate for door closer
- **A123** angle bracket for door closer
- **A154** parallel arm bracket for parallel arm installation (does not provide full closing force)
- **A165** glass door shoe for mounting the door closer on a solid glass door
- **A168** mounting plate for link arm
- **A173** stainless steel full cover
- **A152** mechanical hold-open device with adjustable hold-open force, keeps doors open at an angle between 80° and 130° (not approved for use on fire and smoke protection doors)
- **A153** mechanical opening damper, continuously adjustable up to an opening angle of max. 130° (does not replace door stop)

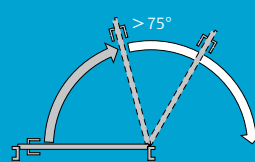
Independent adjustment via front-facing valves



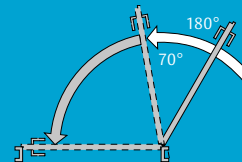
Closing speed (S)



Latch speed (L)



Backcheck (BC)

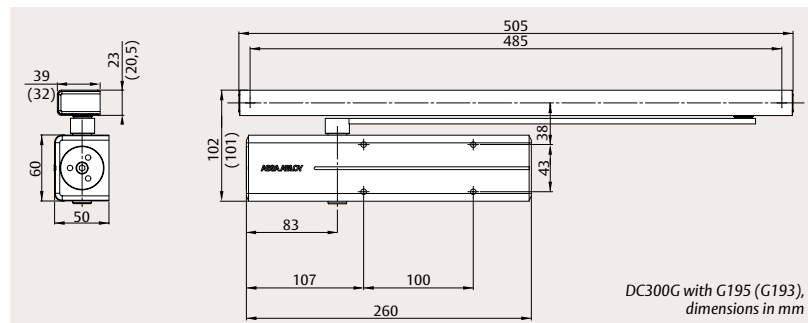
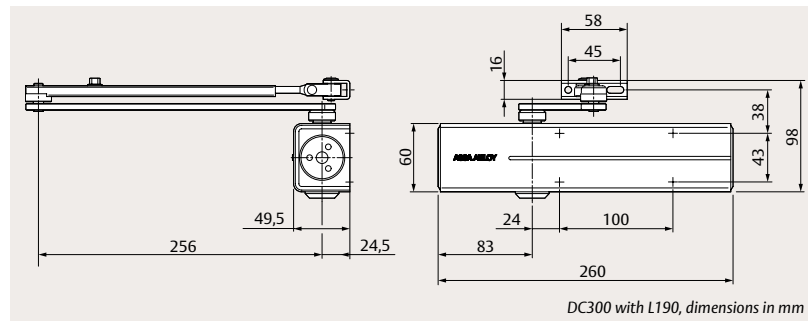


Delayed closing (DA)*

*only for DC300DA

DC300

Technical attributes and certification



Technical attributes

Closing force	EN size 3-6 / 1-3 (link arm / guide rail) (parallel arm EN size 2-5)
Maximum leaf width	1400 / 950 mm (link arm / guide rail)
Closing speed (S)	Variable between 180° and 15°
Latch speed (L)	Variable between 15° and 0°
Backcheck (BC)	Variable above 75°
Delayed closing (DA)	Variable between 180° and 70° (only for DC300DA)
Maximum opening angle	~180°
Hold-open angle	75°-120° (for L191)
Door system	Single leaf
Handing	Left- / right-handed
Mounting options	Leaf mounting on hinge side (non-hinge side with parallel arm) Frame mounting on non-hinge side
Force adjustment	Yes
Height adjustment	Yes
Corrosion resistance	Grade 3 (96 hours) with link arm Grade 4 (240 hours) with guide rail
Dimensions (H x D x L)	60 x 50 x 260 mm



Visit assaabloy.com to
download all relevant
product literature



Certification and testing

Certified in compliance with	EN 1154
CE classification	4 8 3-6 1 1 3 (link arm) 4 8 1-3 1 1 4 (guide rail)
CE / UKCA mark	Yes
Suitable for fire and smoke protection doors	Yes
Barrier-free according to	CEN/TR 15894 DIN 18040 (max. leaf width 1250 mm)
Third-party verified EPD	ISO 14025, EN 15804

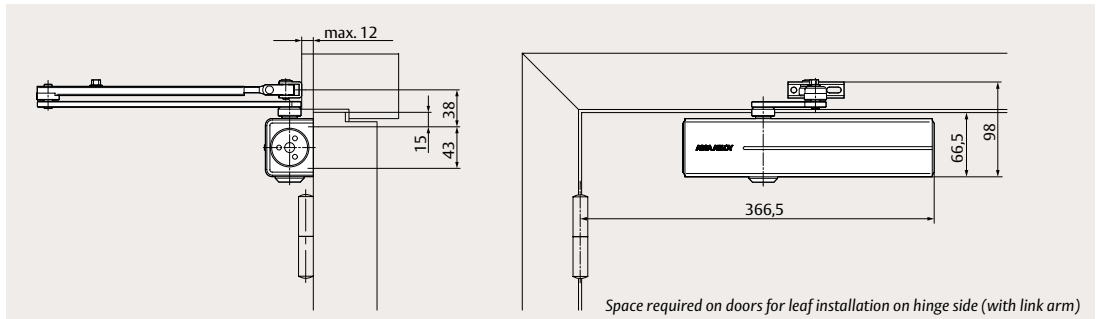


DC300

Space requirement and mounting dimensions

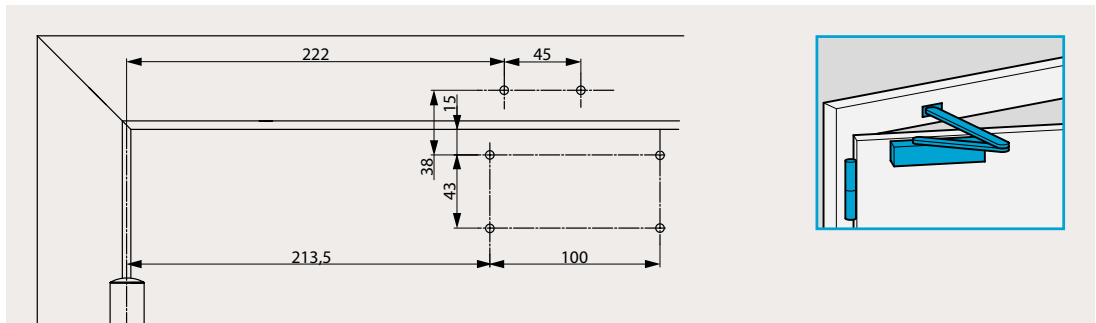


Scan the QR code
to watch the
installation video



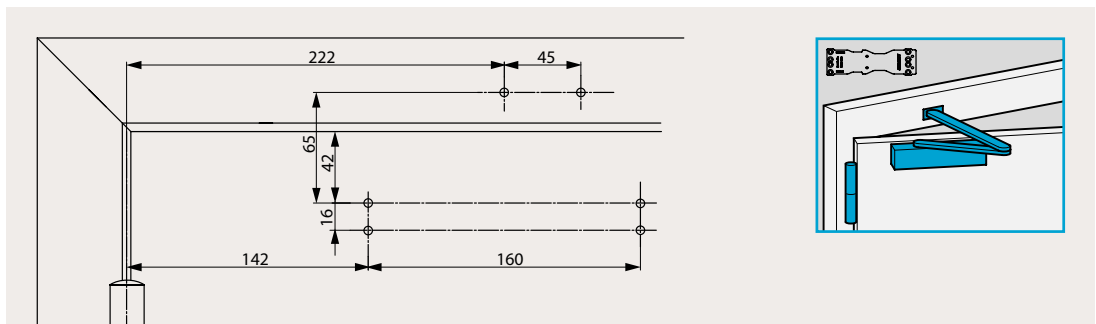
Direct leaf mounting with link arm on hinge side

The drawing illustrates
installation on left-handed
doors. For right-handed doors,
it is the reverse.



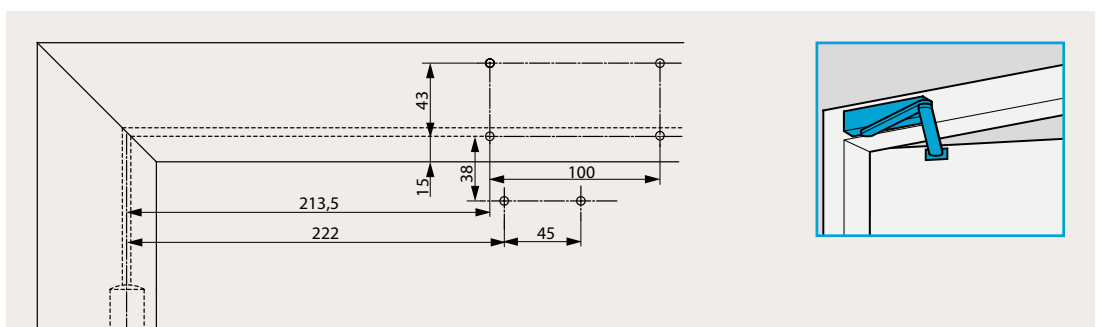
Mounting plate leaf mounting with link arm on hinge side; in compliance with DIN EN 1154, supplement 1

The drawing illustrates
installation on left-handed
doors. For right-handed doors,
it is the reverse.



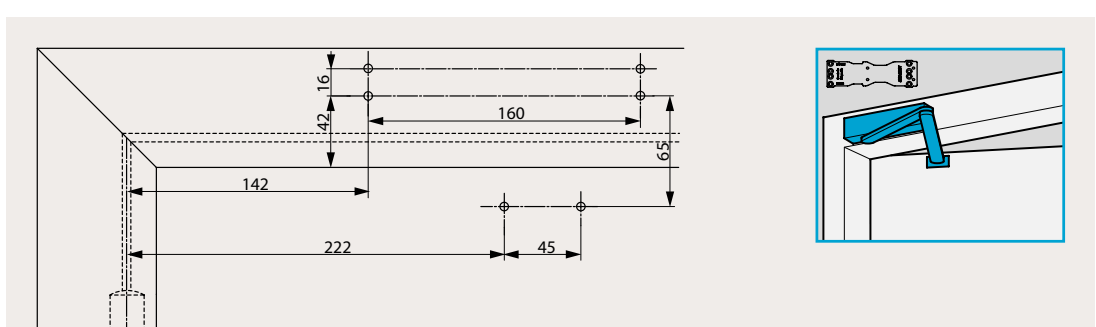
Direct frame mounting with link arm on non-hinge side

The drawing illustrates
installation on right-handed
doors. For left-handed doors,
it is the reverse.



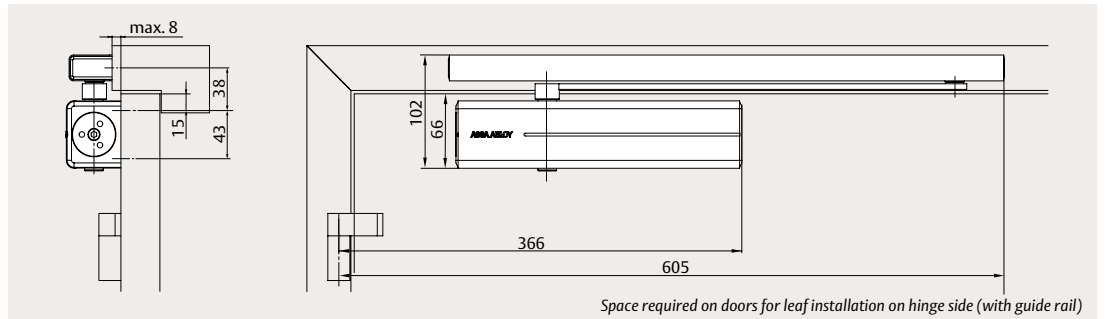
Mounting plate frame mounting with link arm on non-hinge side

The drawing illustrates
installation on right-handed
doors. For left-handed doors,
it is the reverse.



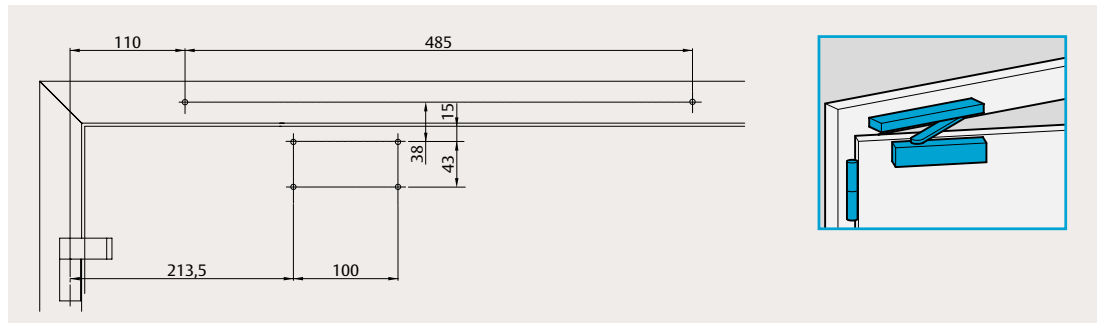
DC300

Space requirement and mounting dimensions



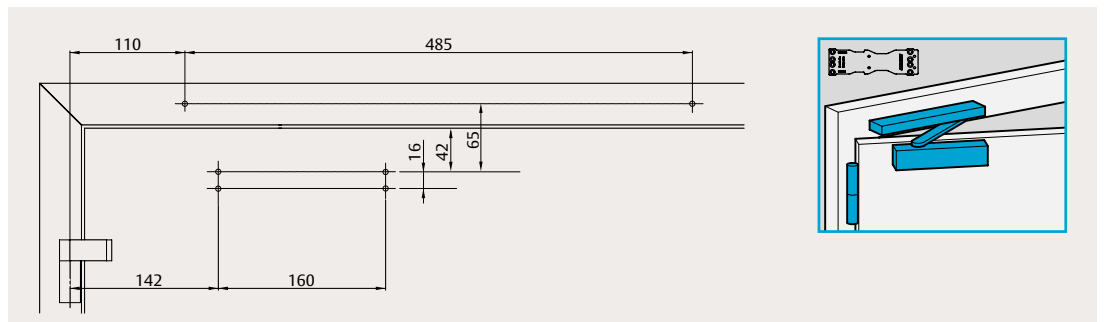
Direct leaf mounting with guide rail on hinge side

The drawing illustrates
installation on left-handed
doors. For right-handed doors,
it is the reverse.



Mounting plate leaf mounting with guide rail on hinge side; in compliance with DIN EN 1154, supplement 1

The drawing illustrates
installation on left-handed
doors. For right-handed doors,
it is the reverse.

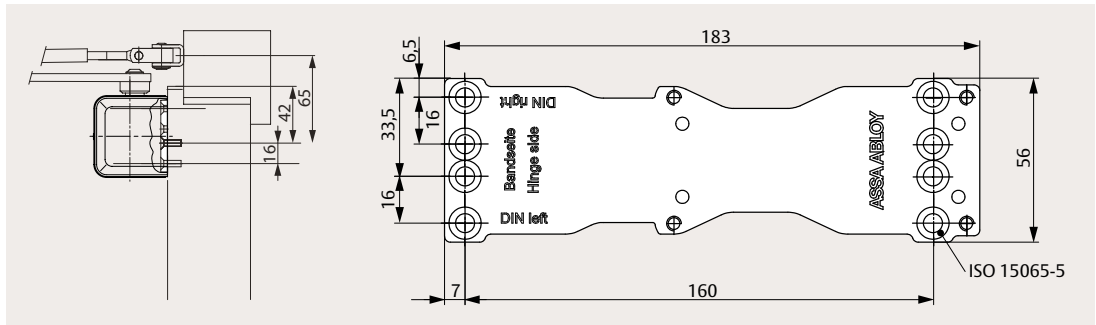


DC300

Accessories

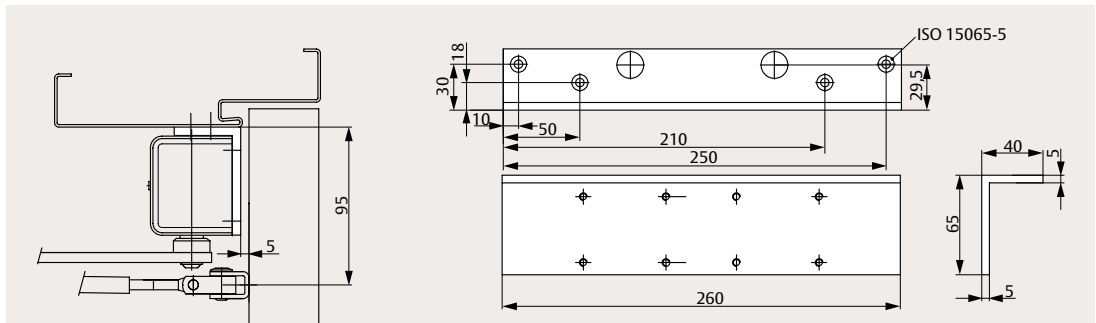
The full list of accessories is available under order information.

A120 mounting plate
for door closer;
in compliance with DIN
EN 1154, supplement 1



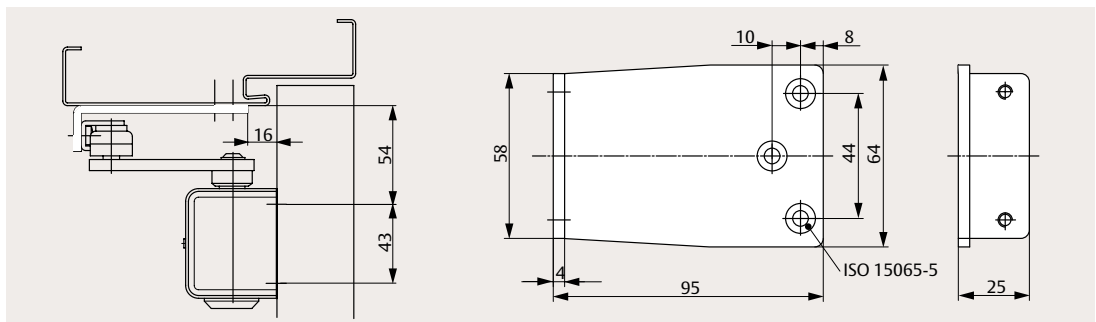
A123 angle bracket
for frame mounting
on deep posts

*This installation reduces the
headroom by 70 mm.*
*Check suitability for use on fire
and smoke protection doors.*

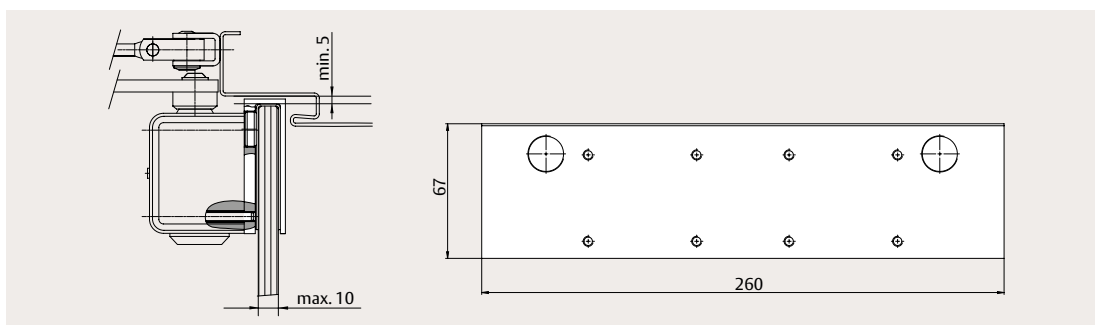


**A154 parallel arm
bracket**
for parallel arm mounting

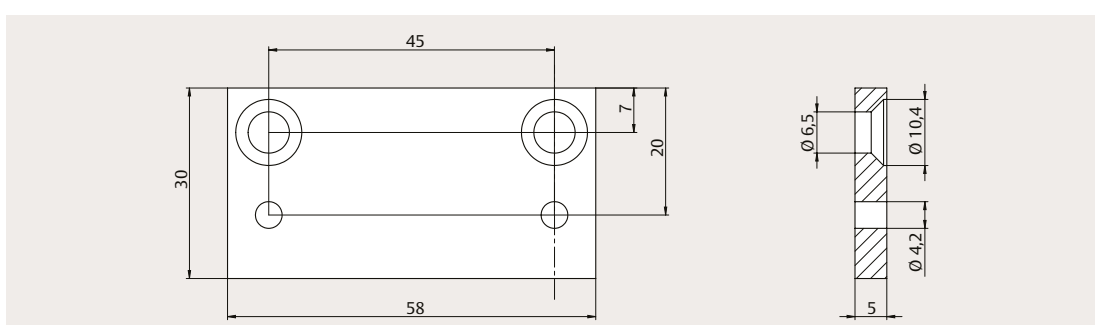
*Check suitability for use on fire
and smoke protection doors.*



A165 glass door shoe
for mounting door closer
on solid glass door



A168 mounting plate
for link arm narrow frame
mounting



DC300

Order information



Door closers

DC300, EN size 3-6, silver, EV1	DC300-----DEV1-
DC300, EN size 3-6, white, similar to RAL 9016	DC300-----D9016
DC300, EN size 3-6, brown, similar to RAL 8014	DC300-----D8014
DC300, EN size 3-6, black, similar to RAL 9005	DC300-----D9005
DC300, EN size 3-6, customized finish	DC300-----DXXXX
DC300DA, EN size 3-6, silver, EV1	DC310-----DEV1-
DC300DA, EN size 3-6, white, similar to RAL 9016	DC310-----D9016
DC300DA, EN size 3-6, brown, similar to RAL 8014	DC310-----D8014
DC300DA, EN size 3-6, black, similar to RAL 9005	DC310-----D9005
DC300DA, EN size 3-6, customized finish	DC310-----DXXXX

Standard link arms

Link arm L190, silver, EV1	DCL190-----EV1-
Link arm L190, white, similar to RAL 9016	DCL190-----9016
Link arm L190, brown, similar to RAL 9005	DCL190-----8014
Link arm L190, black, similar to RAL 8014	DCL190-----9005
Link arm L190, customized finish	DCL190-----XXXX

Hold-open link arms

Hold-open link arm L191, silver, EV1	DCL191-----EV1-
Hold-open link arm L191, white, similar to RAL 9016	DCL191-----9016
Hold-open link arm L191, brown, similar to RAL 9005	DCL191-----8014
Hold-open link arm L191, black, similar to RAL 8014	DCL191-----9005
Hold-open link arm L191, customized finish	DCL191-----XXXX

Guide rails

Guide rail G195, silver, EV1	DCG195----DEV1-
Guide rail G195, white, similar to RAL 9016	DCG195----D9016
Guide rail G195, brown, similar to RAL 8014	DCG195----D8014
Guide rail G195, black, similar to RAL 9005	DCG195----D9005
Guide rail G195, stainless steel	DCG195----D35--
Guide rail G195, customized finish	DCG195----DXXXX
Guide rail G193, silver, EV1	DCG193-----EV1-
Guide rail G193, white, similar to RAL 9016	DCG193-----9016
Guide rail G193, brown, similar to RAL 8014	DCG193-----8014
Guide rail G193, black, similar to RAL 9005	DCG193-----9005

Accessories

Mounting plate A120, galvanized	DCA120-----40
Angle bracket A123, silver, EV1	DCA123-----EV1-
Angle bracket A123, white, similar to RAL 9016	DCA123-----9016
Angle bracket A123, brown, similar to RAL 8014	DCA123-----8014
Angle bracket A123, black, similar to RAL 9005	DCA123-----9005
Angle bracket A123, customized finish	DCA123-----XXXX
Parallel arm bracket A154, silver, EV1	DCA154-----EV1-
Parallel arm bracket A154, white, similar to RAL 9016	DCA154-----9016
Parallel arm bracket A154, brown, similar to RAL 8014	DCA154-----8014
Parallel arm bracket A154, black, similar to RAL 9005	DCA154-----9005
Parallel arm bracket A154, customized finish	DCA154-----XXXX
Glass door shoe A165, silver, EV1	DCA165-----EV1-
Mounting plate A168, for link arm, silver, EV1	DCA168-----EV1-
Stainless steel full cover A173	DCA173-----35--

DC300, silver



DC300, white



DC300, brown



DC300, black



L190, silver



L190, white



L190, brown



L190, black



L191, silver



G195, silver



G193, silver



A120



A123



A154, silver



A154, white



A154, brown



A154, black



A173



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