

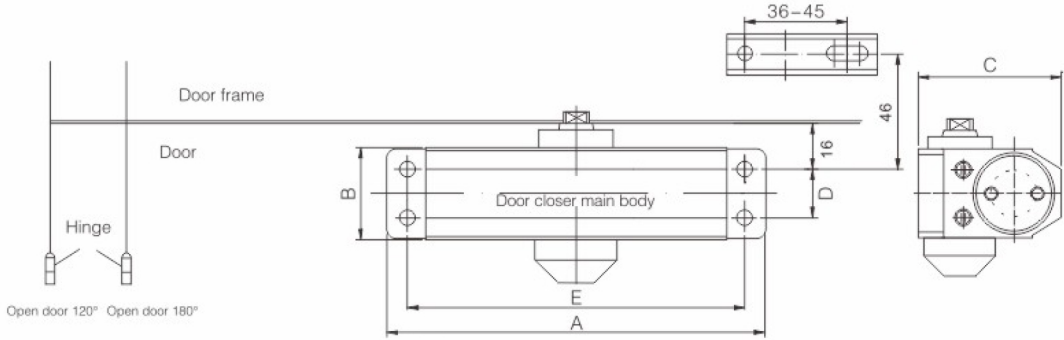


Model:
CL.1023
Light Duty Concealed EN3 Door Closers



CE	Historical Lakes Metal Items and Locks Accessories LLC +971502243980, Dubai, U.A.E	20
0905	EN 1154:1996+A1:2002	4 8 3 1 1 3
Dangerous substances: None		

Main parameter									
Item	Overall dimension (mm)			Instation dimension (mm)		Applicable door weight (kg)	Applicable door weight (mm)	Function	Please install according to the instruction
	A	B	C	D	E				
CL.1023 AW	180	40	63	19	165	40~65	≤950	Dual-stage speed control	
CL.1023 AD	180	40	63	19	165	40~65	≤950	Dual-stage speed control/ stop gate function	



Model:
CL.30
Light Duty Concealed EN3 Door Closers



PERFORMANCE FEATURES

- Light duty concealed overhead closer
- UL228 certification
- UL10C fireproof certification
- Adjustable closing & latching speed
- Precise cast aluminum body
- Anodized aluminum sliding track arm with optional hold open device
- Slim body with 32mm thickness,Non-Handed installation
- Fixed spring force #3



STANDARD FEATURES

Certification	UL
Spring Power	Fixed EN3
Durability	100,000 cycles above
Speed Valves	Adjustable Closing speed Adjustable Latching speed
Back Check	NO
Hold Open	Optional
Delayed Action	NO
Pressure relief valve	Yes
Mechanism	Rack&Pinion
Hand of door	Non handed
Materials of Body	Die-Cast Aluminum
Materials of guide rail and Main Arm	6061, Steel
Materials of Spring	60Si2Mn
Installation type	Concealed with sliding track arm
Type	Embedded
Max. Opening	150 °

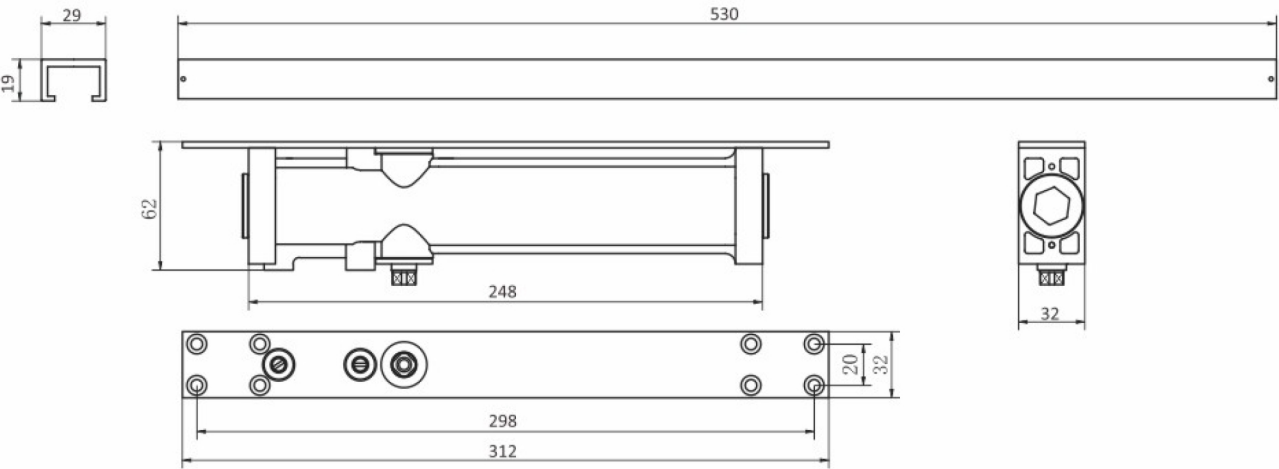
Model #	CL.30
Spring power	3#
Recommended Door Weight	40-65 KGS
Recommended Max. Door Leaf Width (mm)	950 mm
Notes	Slide track arm

Bearing	Full complement bearings for long durability
Application	Suitable for interior wood, glass door and frames
Finish	Silver, Brown, White,Black, Others upon request
Warranty	5 Years
Door thickness	Wooden door:45mm Metal door:40mm
Body thickness	Slim 32mm

Model:
CL.30
Light Duty Concealed EN3 Door Closers

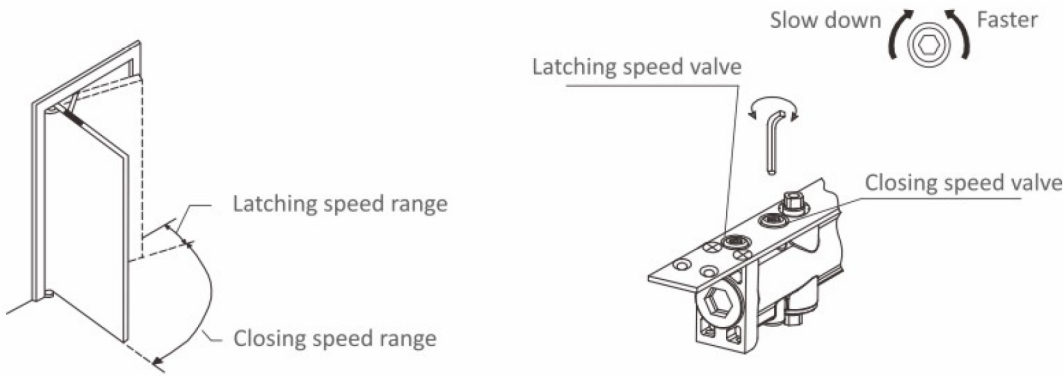
PRODUCT DIMENSIONS

Unit:mm



Note
Installation as per template & installation instruction

Adjusting speed



Model:
CL.30S
Light Duty Concealed EN3 Door Closers



PERFORMANCE FEATURES

- For commercial use
- Concealed door closer
- UL228 certification
- UL10C fireproof certification
- Fixed spring force #3
- Precise cast aluminum body
- Hold open function optional
- The product complies with the EN1154 standard



STANDARD FEATURES

Certification	UL
Spring Power	Fixed EN3
Durability	100,000 cycles above
Speed Valves	Adjustable Closing speed Adjustable Latching speed
Back Check	NO
Hold Open	Optional
Delayed Action	NO
Pressure relief valve	Yes
Mechanism	Rack&Pinion
Hand of door	Non handed
Materials of Body	Die-Cast Aluminum
Materials of guide rail and Main Arm	6061, Steel
Materials of Spring	60Si2Mn
Installation type	Concealed with sliding track arm
Type	Embedded
Max. Opening	130 °
Bearing	Full complement bearings for long durability
Application	Suitable for interior wood, glass door and frames
Finish	Silver, Brown, White,Black, Others upon request
Warranty	5 Years
Door thickness	Wooden door:45mm Metal door:40mm

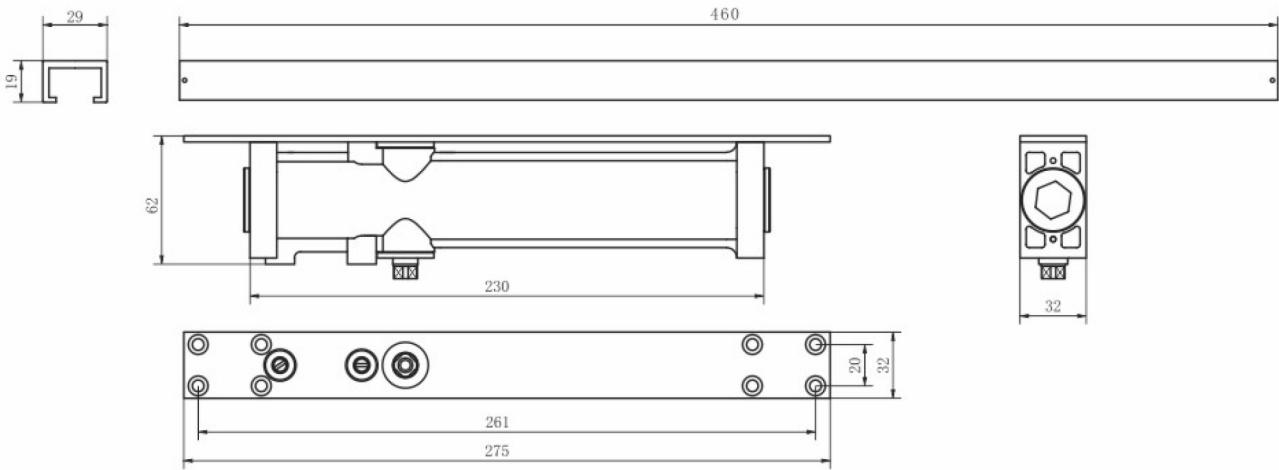


Model #	CL.30S
Spring power	3#
Recommended Door Weight	40-65 KGS
Recommended Max. Door Leaf Width (mm)	950 mm
Notes	Slide track arm

Model:
CL.30S
Light Duty Concealed EN3 Door Closers

PRODUCT DIMENSIONS

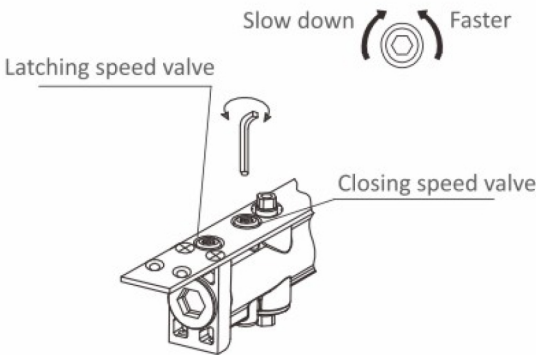
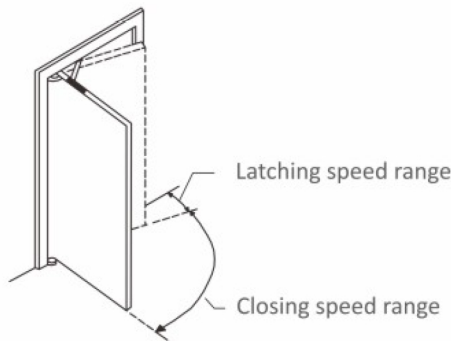
Unit:mm



- Notes:
- The valves on both sides have been adjusted to the proper location by the factory.
 - The two downward valves should be closed down completely (turning to the end clockwise) before your installing the closer inside the door.

Note
Installation as per template & installation instruction

Adjusting speed



Model:
CL.70&CL.70A CAM ACTION
Concealed Size 2-4 Door Closers



PERFORMANCE FEATURES

- For commercial use
- Concealed door closer
- Adjustable spring force #2-4
- Ductile iron shell & Alluminium alloy
- Hold open function optional
- The product complies with the EN1154 standard



Iron
CL.70

Aluminum
CL.70A

STANDARD FEATURES

Certification	UL
Spring Power	Adjustable Size 2-4
Durability	100,000 cycles above
Speed Valves	Adjustable Closing speed Adjustable Latching speed
Back Check	NO
Hold Open	Optional
Delayed Action	NO
Pressure relief valve	Yes
Mechanism	Cam action
Hand of door	Non handed
Materials of Body	Iron/Aluminum Optional
Materials of guide rail and Main Arm	6061, Steel
Materials of Spring	60Si2Mn
Installation type	Concealed with sliding track arm
Type	Embedded
Max. Opening	120 °
Door thickness	Wooden door:45mm Metal door:40mm



Accessibility



100 Thousand Cycles



5 Years Warranty



UL Certification

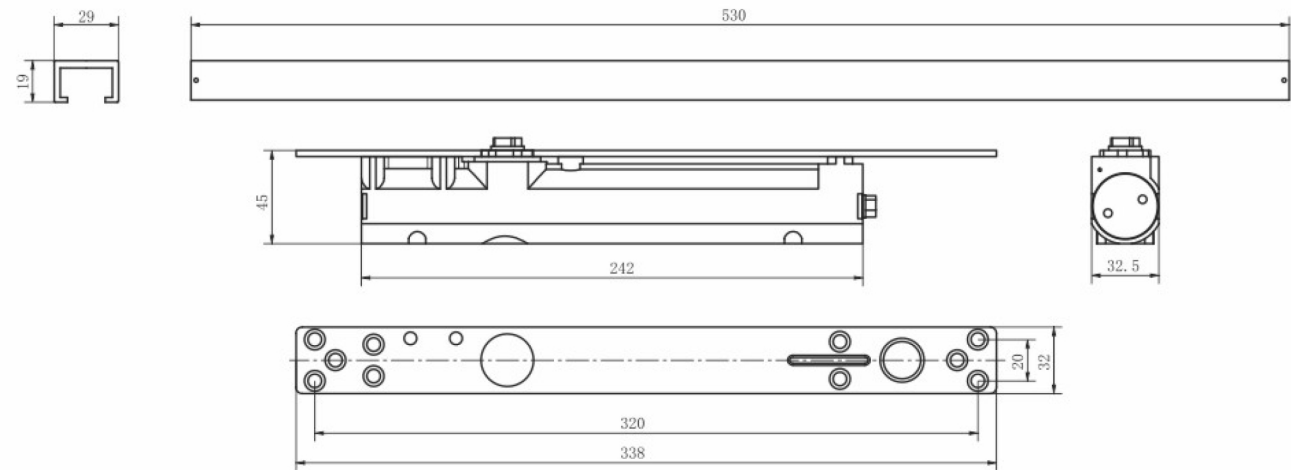


3 Hours Fire-rated

Bearing	Full complement bearings for long durability
Product Description	Efficient cam and roller design
Finish	Silver, Brown, White,Black, Others upon request
Warranty	5 Years
Cross reference	Dorma ITS96 EN2-4 GEZE BOXER EN2-4

PRODUCT DIMENSIONS

Unit:mm



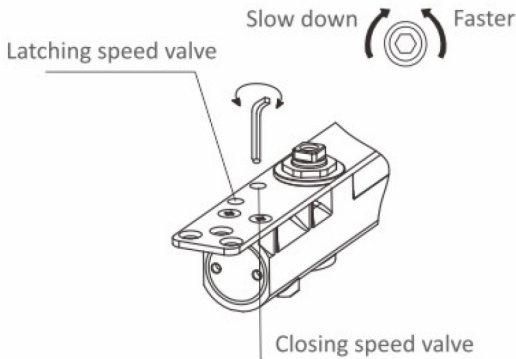
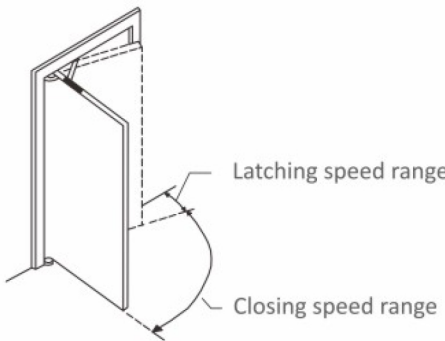
Rapid decrease in opening force makes doors easy to open, yet provides maximum closing force at the latch.
D70&D70A can be installed inside the door,invisible when door is closed.

Note

Installation as per template & installation instruction



Adjusting speed



Model #	CL.70&CL.70A
Spring power	2-4#
Recommended Door Weight	20-100 KGS
Recommended Max. Door Leaf Width (mm)	850-1100 mm
Notes	Slide track arm

Model:
CL.300S
UL Listed Light Duty Size3 Door Closers



PERFORMANCE FEATURES

- Economical model for residential and commercial Use
- Precise cast aluminum body & steel arm
- Adjustable closing & latching speed
- Non-Handed installation
- Fixed spring force #3
- Hold open function optional



Accessories
PA Bracket



STANDARD FEATURES

Certification	UL
Spring Power	Fixed EN3
Durability	100,000 cycles above
Speed Valves	Adjustable Closing speed Adjustable Latching speed
Back Check	NO
Hold Open	Optional
Delayed Action	NO
Mechanism Type	Rack&Pinion
Hand of door	Non handed
Materials of Body	Die-cast Aluminum
Max Door Width	950mm
Max Door Weight	65KGS
Supplier File Number	R40854
Installation type	Regular,Top Jamb,Parallel
Max. Opening	130 °
Arm Type	Fixed

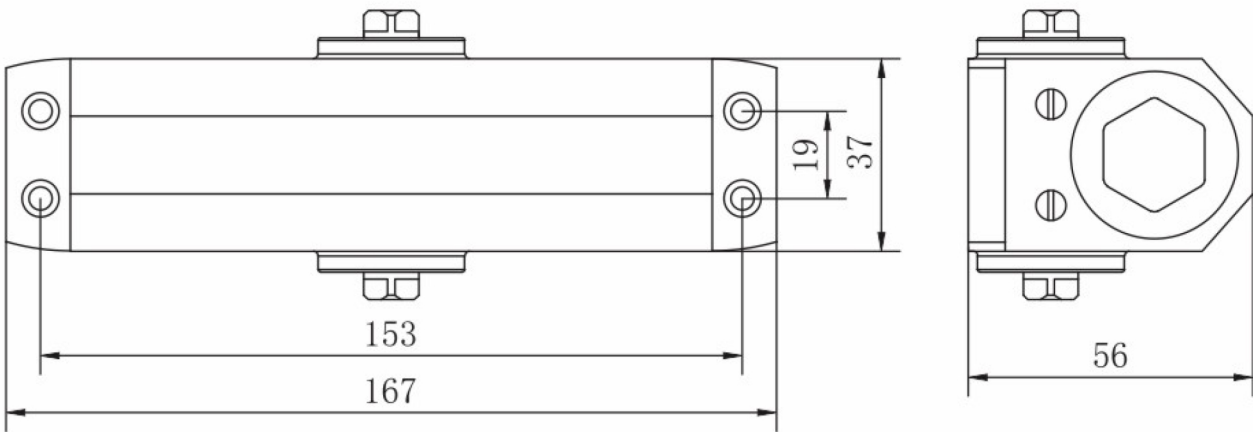


Model #	CL.300S
Spring power	3#
Recommended Door Weight	40-65 KGS
Recommended Max. Door Leaf Width (mm)	950mm
Body Construction	Heat-treated pinion and steel piston
Finish	Silver, Brown, White,Black, Others upon request
Warranty	5 Years

Model:
CL.300S
UL Listed Light Duty Size3 Door Closers

PRODUCT DIMENSIONS

Unit:mm

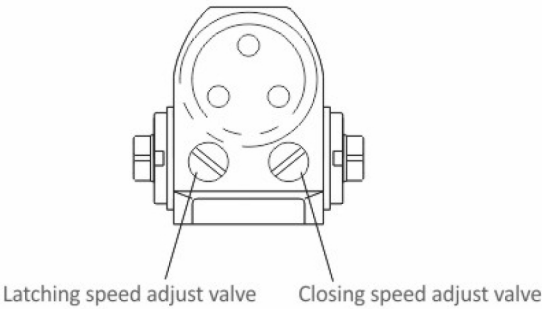
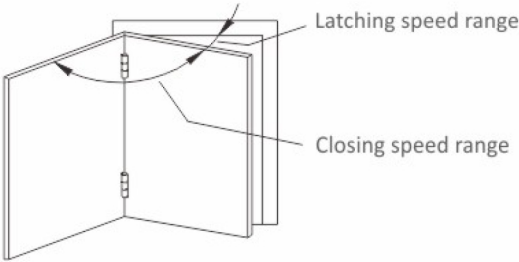


Recommended for, but not limited to interior doors including:
Aftermarket: Office doors, Utility doors, Storage doors.
Storefront: Retail/Outlet malls, Convenience stores, Warehouse doors.

Note
Installation as per template & installation instruction

Adjusting speed

Fast Slow



Model:
CL.503
EN3 Overhead Door Closers



PERFORMANCE FEATURES

- Light & medium duty economical model for residential and commercial doors
- Adjustable closing & latching speed
- Max opening angle 180°
- Non-Handed installation
- Durability 500,000 cycles above



Standard Arm

STANDARD FEATURES

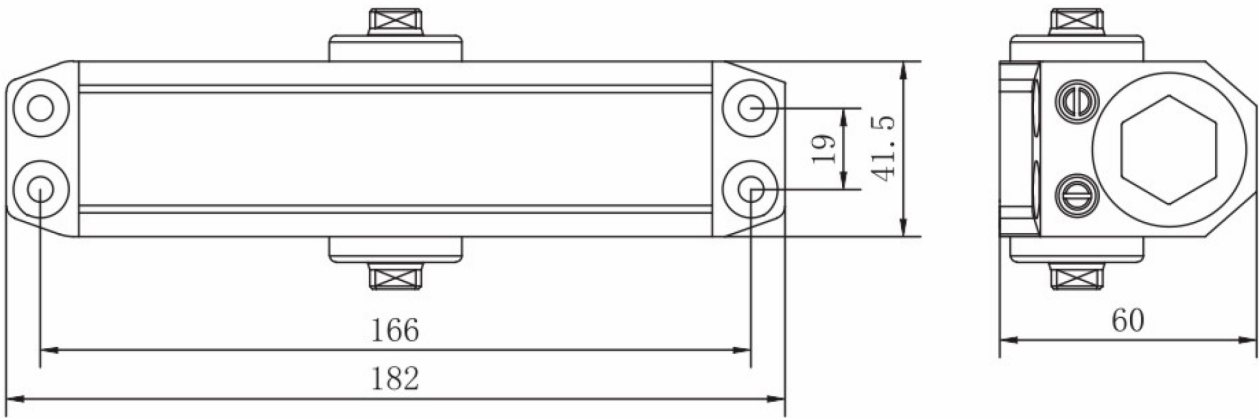
Certification	UL
Spring Power	Fixed EN3
Durability	500,000 cycles above
Speed Valves	Adjustable Closing speed Adjustable Latching speed
Back Check	NO
Hold Open	Optional
Delayed Action	NO
Mechanism Type	Rack&Pinion
Hand of door	Non handed
Materials of Body	Die-cast Aluminum
Installation type	consult P158
Max. Opening	consult P158
Arm Type	Fixed
Power Adjustment Method	By using different templates



Body Construction	Heat-treated pinion and steel piston
Finish	Silver, Brown, White,Black, Others upon request
Cross reference	DORMA TS 77
Warranty	5 Years

PRODUCT DIMENSIONS

Unit:mm

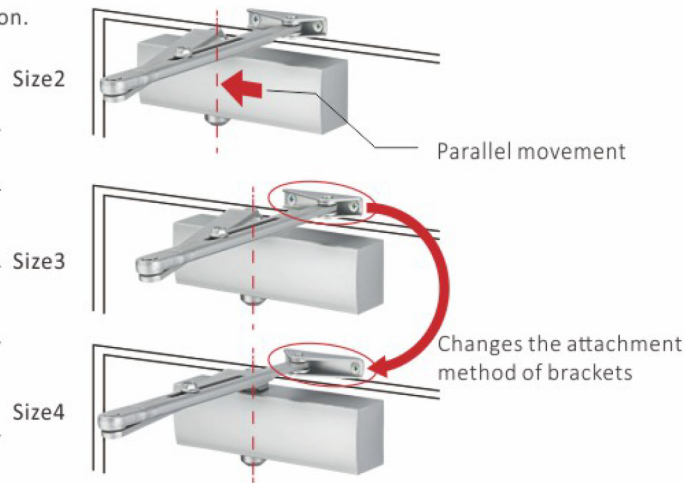


Recommended for, but not limited to interior doors including:
Aftermarket: Office doors, Utility doors, Storage doors.
Storefront: Retail/Outlet malls, Convenience stores, Warehouse doors.

Position variable

Door sizes 2,3,4 are supported with changes to the mounting position.

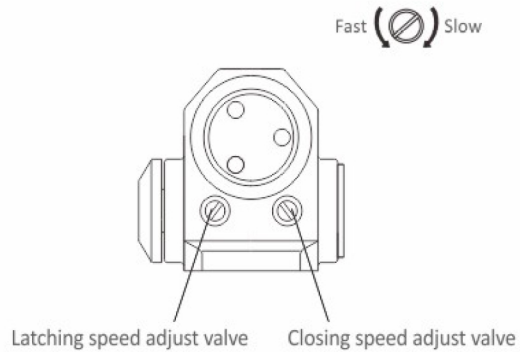
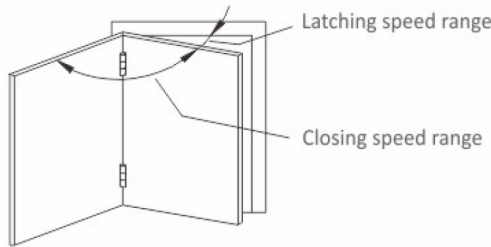
Model:CL.500	Size 2	Size 3	Size 4
Recommended Door Weight	25-45KGS	40-65KGS	60-85KGS
Recommended Max. Door Leaf Width (mm)	850mm	950mm	1100mm
Hold open arm optional	DTWB DT02 DT03	DTWB DT02 DT03	DTWB DT02 DT03



Note

Installation as per template & installation instruction

Adjusting speed



Model:
CL.703&CL.706
Medium Duty EN3/EN6 Overhead Door Closers



PERFORMANCE FEATURES

- Economical model for residential and commercial doors
- Precise cast aluminum body & steel arm
- Adjustable closing & latching speed
- Non-Handed installation
- Adjustable back check optional
- UL 228 Certification
- UL 10C Certification 3 hours fire rating

STANDARD FEATURES

Certification	UL
Spring Power	Fixed EN3/EN6
Durability	100,000 cycles above
Speed Valves	Adjustable Closing speed Adjustable Latching speed
Back Check	Optional
Hold Open	Optional
Delayed Action	NO
Mechanism Type	Rack&Pinion
Hand of door	Non handed
Materials of Body	Die-cast Aluminum
Max Door Width	1500mm
Max Door Weight	150KGS
Supplier File Number	R40854
Installation type	Regular,Top Jamb,Parallel
Max. Opening	120 °
Arm Type	Fixed



Accessories
PA Bracket



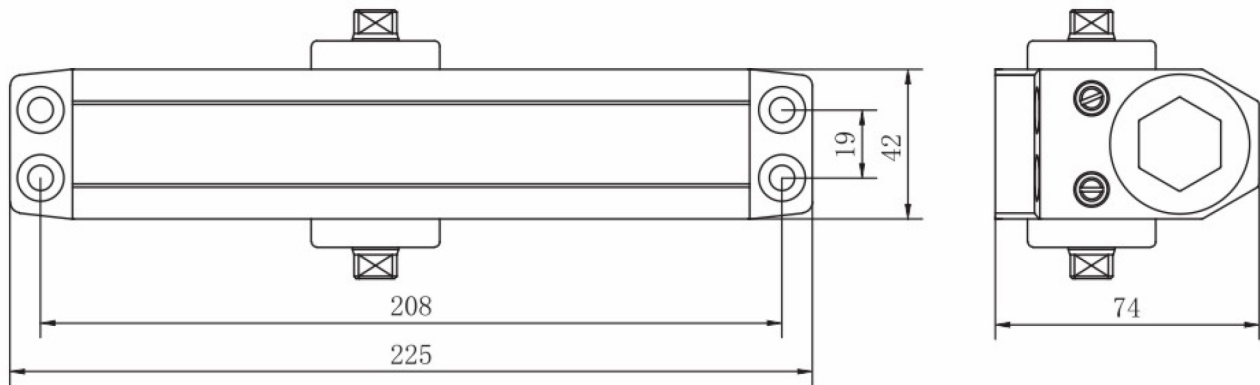
Model #	CL.703	CL.706
Spring power	3#	6#
Recommended Door Weight	40-65 KGS	100-150 KGS
Recommended Max. Door Leaf Width (mm)	950 mm	1500 mm

Body Construction	Heat-treated pinion and steel piston
Finish	Silver, Brown, White,Black, Others upon request
Warranty	5 Years

Model:
CL.703&CL.706
Medium Duty EN3/EN6 Overhead Door Closers

PRODUCT DIMENSIONS

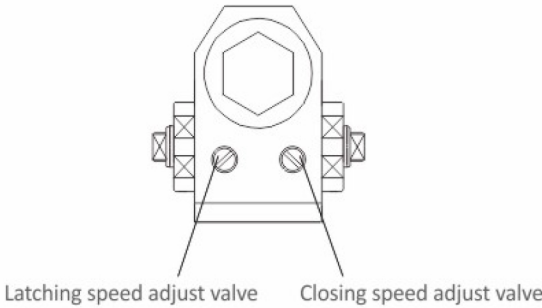
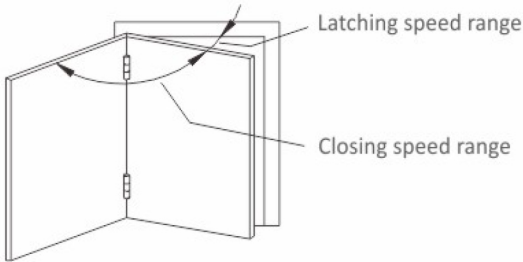
Unit:mm



Note
Installation as per template & installation instruction

Adjusting speed

Fast Slow



Model:
CL.4000
More Than 2,000,000 Life Cycles



PERFORMANCE FEATURES

- Traditional america style medium & heavy duty closer for commercial doors
- Precise cast aluminum body & forged steel arm,hold open arm optional
- Adjustable closing & latching speed
- Adjustable spring force #1-6, fixed spring force#5,#6
- Non-Handed installation
- Adjustable back check & hold open function optional
- UL10C certification 3 hours fire rating



Cover



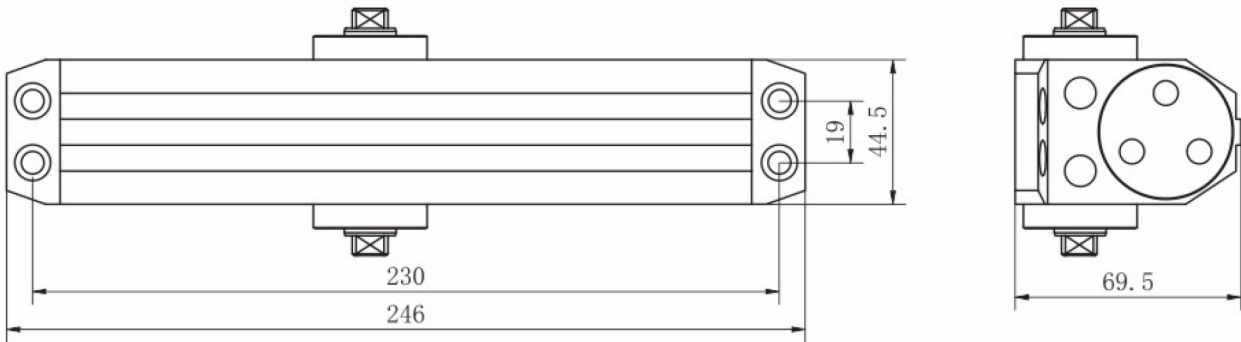
STANDARD FEATURES

Certification	UL/cUL Listed for up to 3 hours UL10C Positive Pressure Rated
Spring Power	Adjustable spring force #1-6 Fixed spring force#5,#6
Durability	2000,000 cycles above
Valves	Adjustable latching and sweep speed valves Adjustable backcheck valve- Standard Staked valves- Standard
Material	Aluminum Alloy The recommended temperatures for prolonged closer use is between 40° F (-42° C) and 150° F (66° C)
Cover	Full plastic cover- Standard Slim line plastic cover- Optional Full size plated metal cover- Optional
Spring	Double heat treated steel, tempered springs Precision machined, heat treated steel piston
Arms & Brackets	Tri-Pack- Regular, parallel arm, and top jamb mount- Standard 15% power adjustment in standard arm for regular and top jamb mount
Hand of door	Non handed

Optional Arms	Hold Open Arm Extra Heavy Duty Cushion Stop Arm Extra Heavy Duty Hold Open Cushion Stop Arm
Fasteners	Self-reaming,self-tapping wood and machine screws Sex nuts and bolts
Door Thickness	1-3/4" (44 mm) 1-3/8"- 2-1/4" (36 mm- 57 mm)- Optional
Finish	Silver, Brown, White,Black, Others upon request.
Warranty	10 Years
Cross reference	Norton 1600 series, Sargent 1130, Dorma 7400 Series, Yale 50BC series, Arrow 900N series, Stanley D1650

PRODUCT DIMENSIONS

Unit:mm



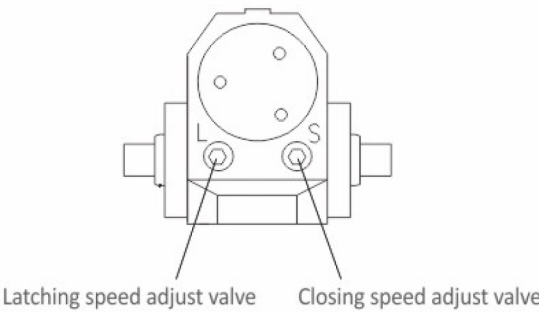
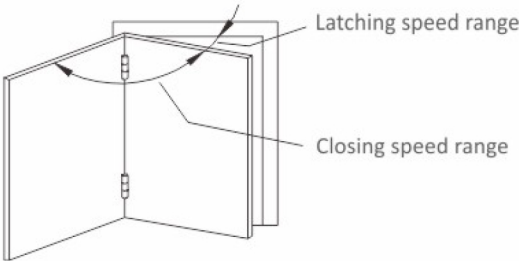
The CL.4000 Series features a single-piece cast aluminum body and a 1-3/8” heat-treated steel piston, a heat-treated pinion and staked valves. The CL.4000 Series standard door closer is UL listed and is backed by a 10-year warranty.

Note

Installation as per template & installation instruction

Adjusting speed

Fast (S) Slow



Model #	CL.4000	CL.4005	CL.4006
Spring power	1-6#	5#	6#
Recommended Door Weight	20-150 KGS	120 KGS	150 KGS
Recommended Max. Door Leaf Width (mm)	1500 mm	1200 mm	1500 mm
Notes	Max 330lbs	Max 265lbs	Max 330lbs

Model:
CL.8000
More Than 2,000,000 Life Cycles



PERFORMANCE FEATURES

- Popular america style heavy duty closer for commercial doors
- Precise cast aluminum body & steel arm,hold open arm optional
- Adjustable closing & latching speed
- Adjustable spring force #1-6
- Non-Handed installation
- Adjustable back check,Delayed action & hold open function optional
- UL10C certification 3 hours fire rating



Cover



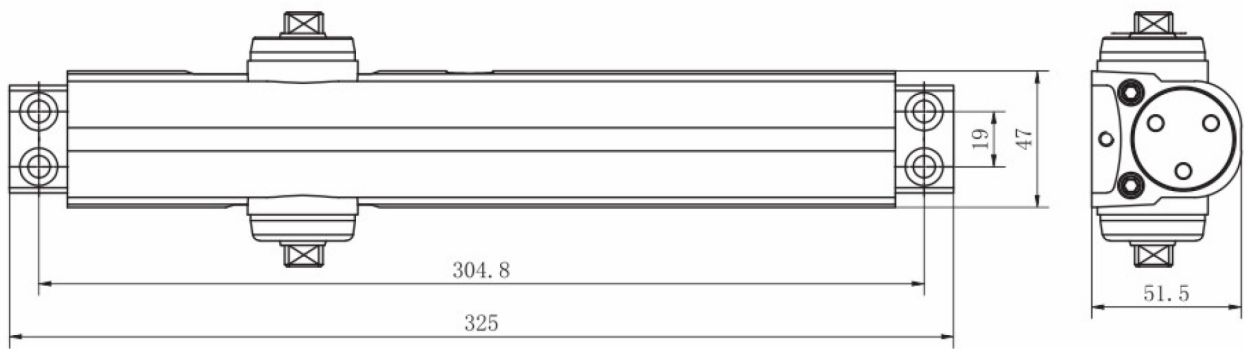
STANDARD FEATURES

Certification	UL/cUL Listed for up to 3 hours UL10C Positive Pressure Rated
Spring Power	Adjustable Size 1-6
Durability	2000,000 cycles above
Valves	Adjustable latching and sweep speed valves Adjustable backcheck valve- Standard Delayed action valve- Optional Staked valves- Standard
Material	Aluminum Alloy The recommended temperatures for prolonged closer use is between 40° F (-42° C) and 150° F (66° C)
Cover	Full plastic cover- Standard Slim line plastic cover- Optional Full size plated metal cover- Optional
Spring	Double heat treated steel, tempered springs Precision machined, heat treated steel piston
Arms & Brackets	Tri-Pack- Regular, parallel arm, and top jamb mount- Standard 15% power adjustment in standard arm for regular and top jamb mount
Hand of door	Non handed

Optional Arms	Hold Open Arm Extra Heavy Duty Cushion Stop Arm Extra Heavy Duty Hold Open Cushion Stop Arm
Fasteners	Self-reaming,self-tapping wood and machine screws Sex nuts and bolts
Door Thickness	1-3/4" (44 mm) 1-3/8"- 2-1/4" (36 mm- 57 mm)- Optional
Finish	Silver, Brown, White,Black, Others upon request.
Warranty	10 Years
Cross reference	Norton 8501,Yale 3301, Corbin-Rosswin DC3210, Dorma 8600, Stanley D3551, Arrow 5016N

PRODUCT DIMENSIONS

Unit:mm

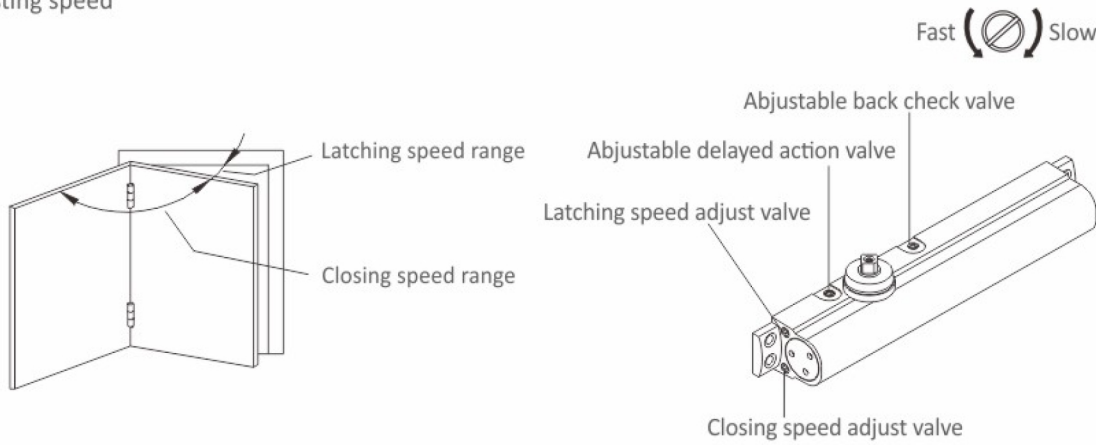


The aesthetically driven design of CL.8000 makes it a top choice for a range of heavy duty applications; aftermarket replacement, aluminum store fronts and new construction.
FITS WHERE YOU NEED IT: The surface mount design and tri pack options, allow you to install this over any high-traffic area while providing complete control.

Note

Installation as per template & installation instruction

Adjusting speed



Model #	CL.8000
Spring power	1-6#
Recommended Door Weight	20-150 KGS
Recommended Max. Door Leaf Width (mm)	1500 mm
Notes	Max 330lbs

Model:
CL.9000
More Than 2,000,000 Life Cycles



PERFORMANCE FEATURES

- Traditional america style heavy duty closer for commercial doors
- Precise cast iron body & forged steel arm,hold open arm optional
- Adjustable closing & latching speed
- Adjustable spring force #1-6
- Non-Handed installation
- Adjustable back check,Delayed action & hold open function optional
- UL10C certification 3 hours fire rating
- Decorative plastic cover & steel cover optional



Cover



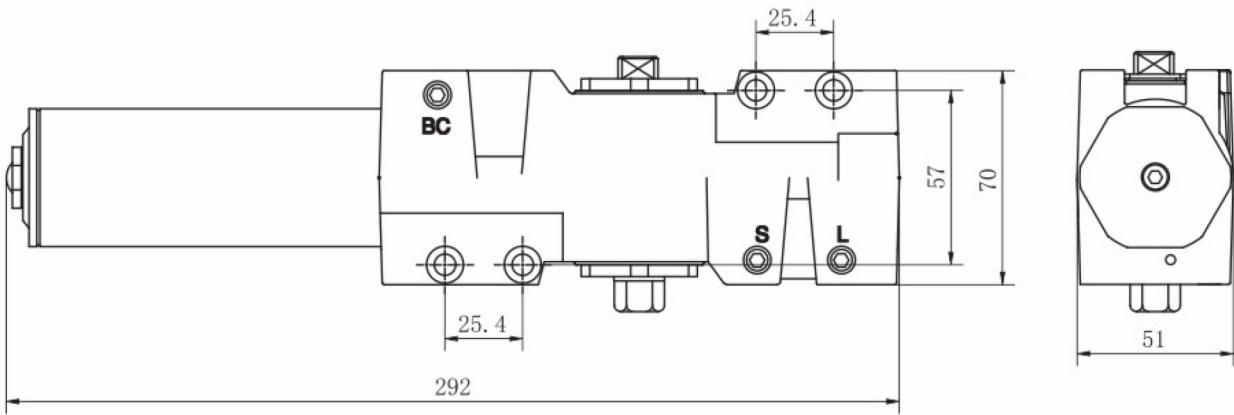
STANDARD FEATURES

Certification	UL/cUL Listed for up to 3 hours UL10C Positive Pressure Rated
Spring Power	Adjustable Size 1-6
Durability	2000,000 cycles above
Valves	Adjustable latching and sweep speed valves Adjustable backcheck valve- Standard Delayed action valve- Optional Staked valves- Standard
Material	Cast Iron The recommended temperatures for prolonged closer use is between 40° F (-42° C) and 150° F (66° C)
Cover	Full plastic cover- Standard Plated metal cover- Optional
Spring	Double heat treated steel, tempered springs Precision machined, heat treated steel piston
Arms & Brackets	Tri-Pack- Regular, parallel arm, and top jamb mount- Standard 15% power adjustment in standard arm for regular and top jamb mount
Hand of door	Non handed
Optional Brackets	Regular Arm Mount- Narrow Top Rail Parallel Arm Mount- Narrow Top Rail

Optional Arms	Hold Open Arm Extra Heavy Duty Cushion Stop Arm Extra Heavy Duty Hold Open Cushion Stop Arm
Fasteners	Self-reaming,self-tapping wood and machine screws Sex nuts and bolts
Door Thickness	1-3/4" (44 mm)-Standard 1-3/8" - 2-1/4" (36 mm- 57 mm)- Optional
Finish	Silver, Brown, White,Black, Others upon request.
Warranty	10 Years
Cross reference	Norton 7500, Dorma 8900, Cal-Royal CR441, Sargent 291, Dor-O-Matic SC70, Corbin Russwin DC3200 and DC6200, Yale 4400

PRODUCT DIMENSIONS

Unit:mm



The CL.9000 Series is Dorrenhaus’s most durable surface-mounted heavy-duty closer, designed for the most demanding high-use-and-abuse applications. This closer is cUL listed and UL listed for self-closing doors without hold-open and boasts a 10-year limited warranty.

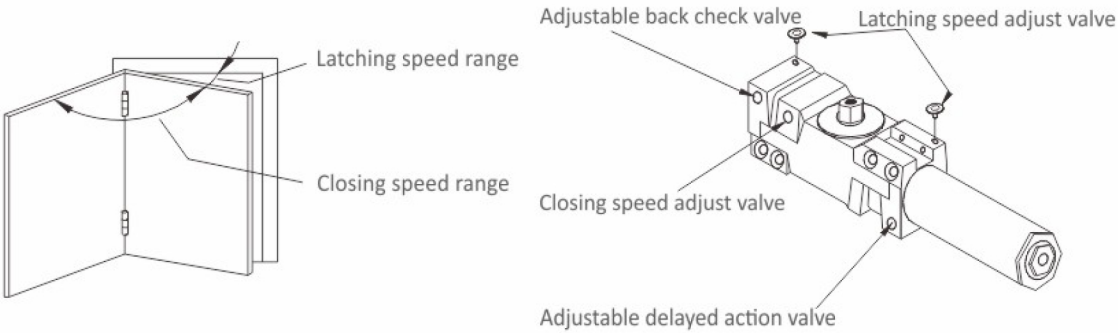
Note

Installation as per template & installation instruction



Adjusting speed

Fast (⊘) Slow



Model #	CL.9000
Spring power	1-6#
Recommended Door Weight	20-150 KGS
Recommended Max. Door Leaf Width (mm)	1500 mm
Notes	Max 330lbs

Model:
CL.20
Light Duty Concealed EN2 Door Closers

PERFORMANCE FEATURES

- Light duty concealed closer
- Designed to meet UL228 standard
- Adjustable closing & latching speed
- Precise cast aluminum body
- Anodized aluminum sliding track arm with optional hold open device
- Slim body with 28mm thickness,Non-Handed installation
- Fixed spring force #2

STANDARD FEATURES

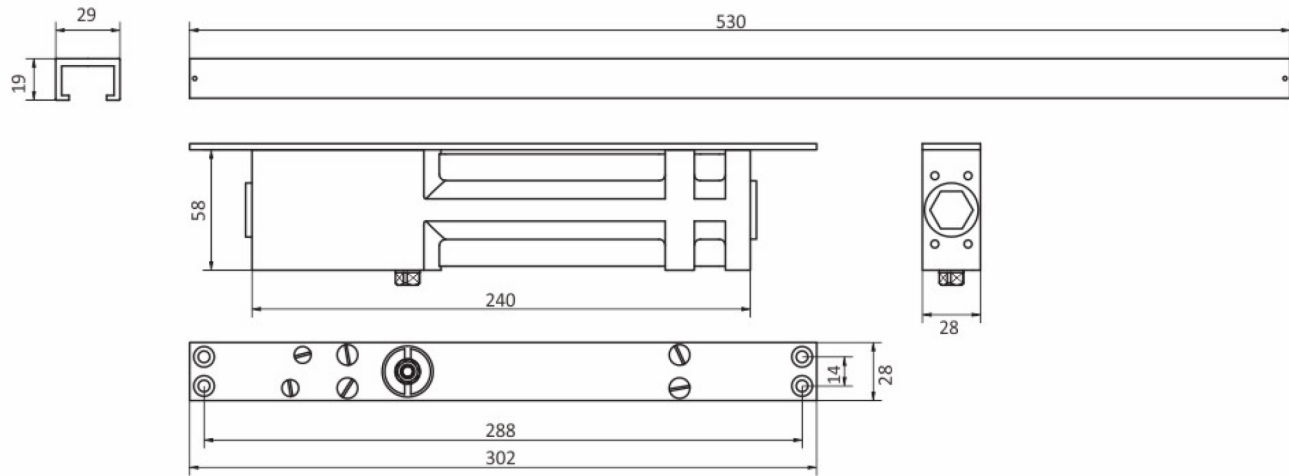
Spring Power	Fixed EN2
Durability	100,000 cycles above
Speed Valves	Adjustable Closing speed Adjustable Latching speed
Back Check	NO
Hold Open	Optional
Delayed Action	NO
Pressure relief valve	Yes
Mechanism	Rack&Pinion
Hand of door	Non handed
Materials of Body	Die-Cast Aluminum
Materials of guide rail and Main Arm	6061, Steel
Materials of Spring	60Si2Mn
Installation type	Concealed with sliding track arm
Type	Embedded
Max. Opening	150 °
Bearing	Full complement bearings for long durability
Application	Suitable for interior wood, glass door and frames
Finish	Silver, Brown, White,Black, Others upon request
Warranty	5 Years
Door thickness	Wooden door:40mm Metal door:35mm



Model #	CL.20
Spring power	2#
Recommended Door Weight	25-45KGS
Recommended Max. Door Leaf Width (mm)	850mm
Notes	Slide track arm

PRODUCT DIMENSIONS

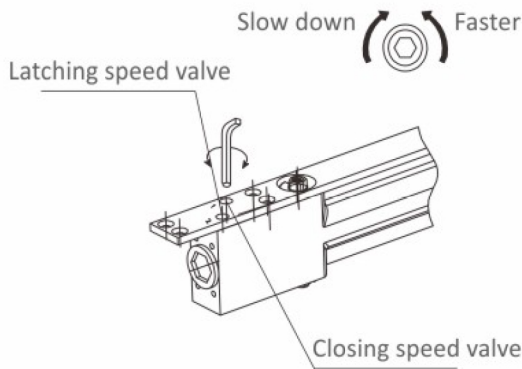
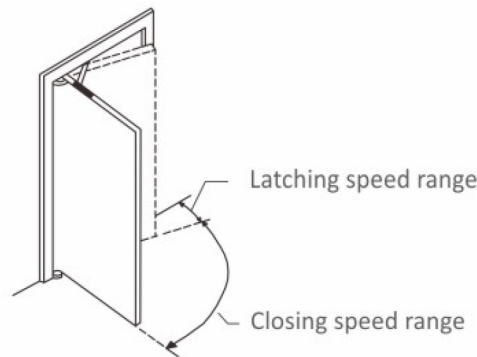
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Note

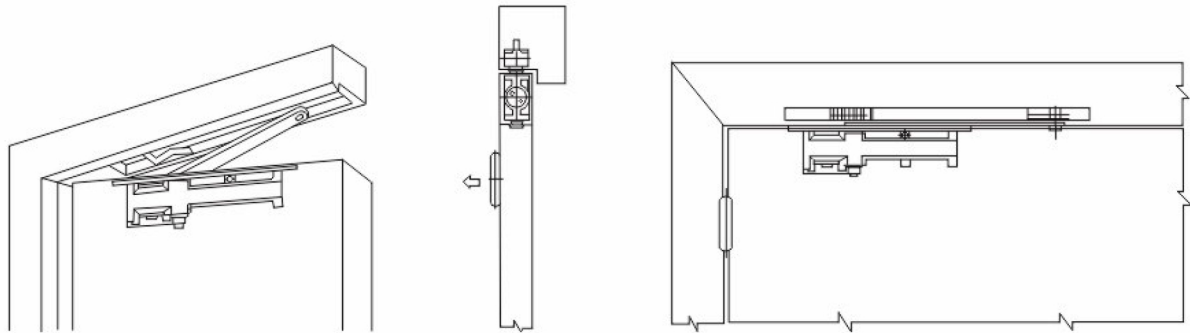
Installation as per template & installation instruction

 Adjusting speed



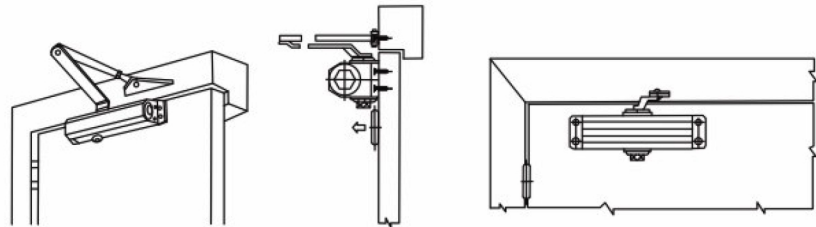
AVAILABLE INSTALLATION TYPE

Standard install

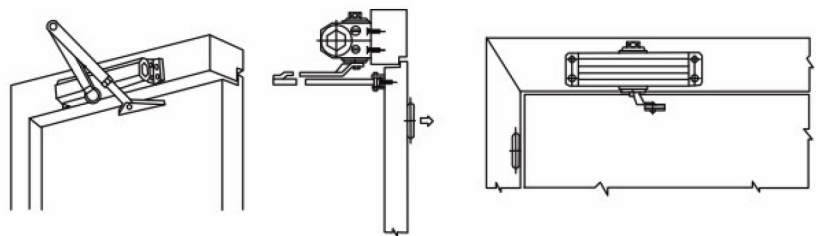


AVAILABLE INSTALLATION TYPE

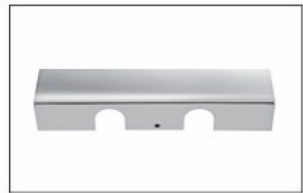
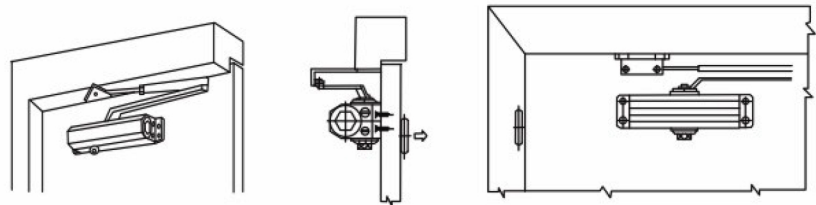
Standard install



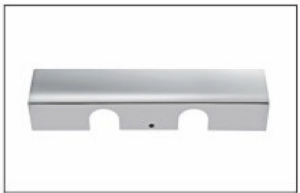
Doorcase insll



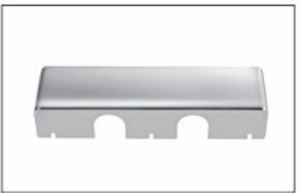
Parallel rocking arm pedestal nslall



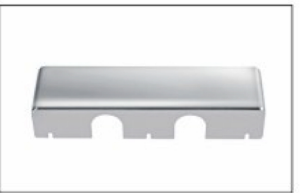
Plastic Cover



SSS Cover



Plastic Cover



SSS Cover



Plastic Cover



Plastic Cover



SSS Cover



PA Bracket



PA Bracket



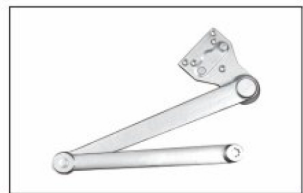
PA Bracket



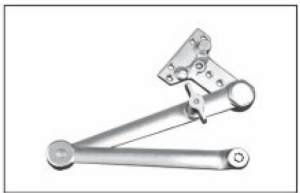
DT-03 HO Arm



DT-02 HO Arm



CL.4000.40 Heavy Duty Stop Arm



CL.4000.41 Heavy Duty Hold Open Cushion Stop Arm



S325 Hold Open Arm



CL.9000.42 Heavy Duty Stop Arm



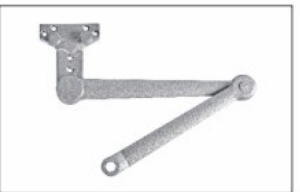
DTWB HO Arm



CL.9000.44 Hold Open Arm



CL.9000.41 Heavy Duty Hold Open Cushion Stop Arm



CL.9000.40 Heavy Duty Stop Arm



Standard Back Plate



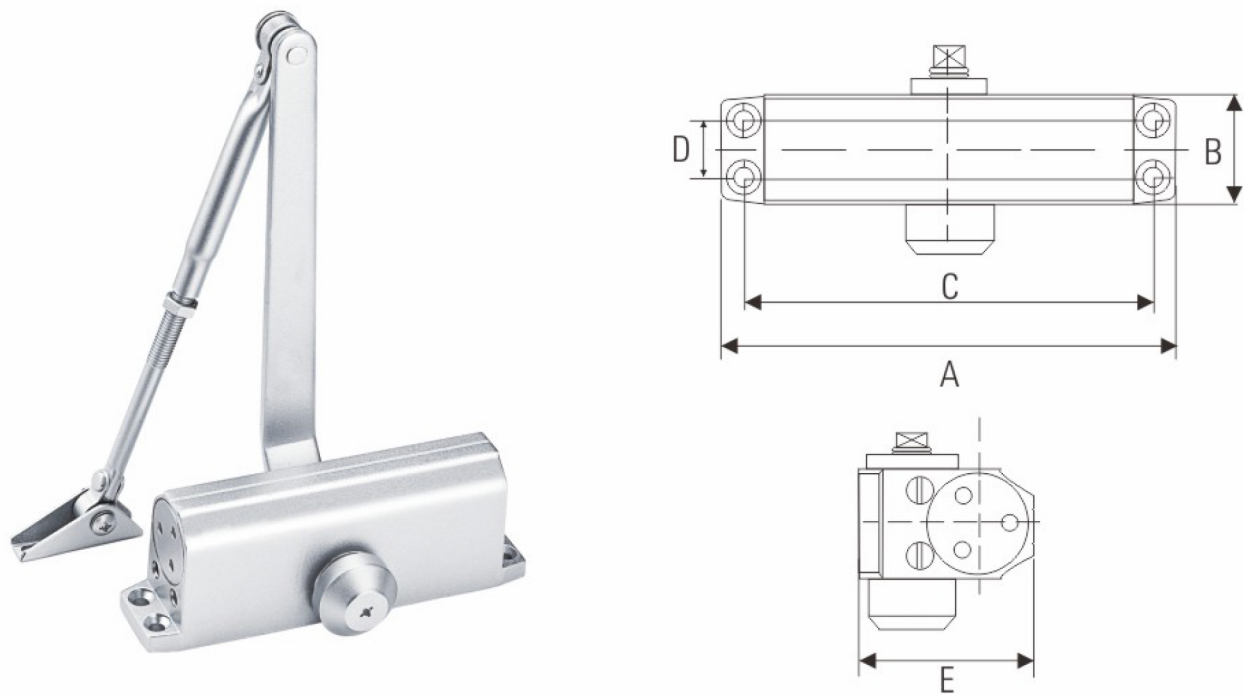
Drop Plate



35A Drop Plate



32A Standard Back Plate



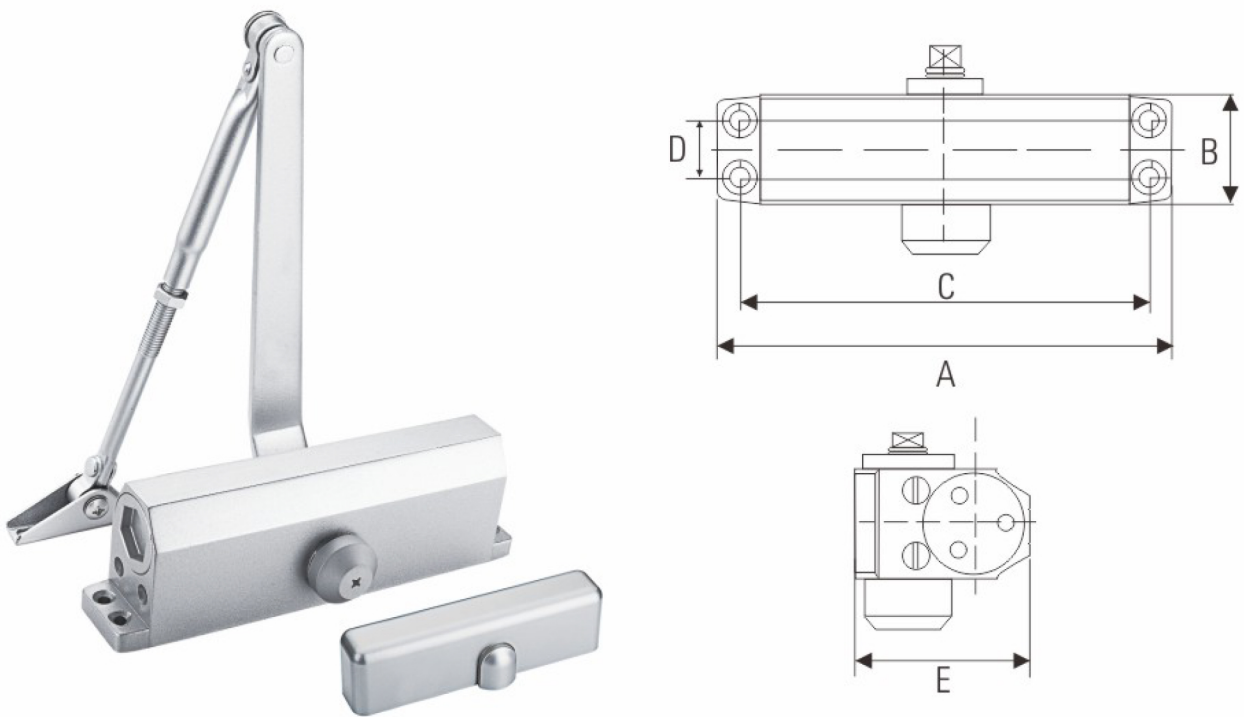
CL.1001-2 AD/SIL

CL.1001 series door closers adopt the alloy aluminium die casting crust body,is provideb with beautiful and lightness appearance,reasonable construction and good performance,belongs to High economical efficiency products. you can install them by vertical or parallel or sliding rail and so on. and the matching cover casing can be chosen. It is preferred products in the fire-resistance and anti-theft door fields. You can choose different luxurious covers according to your decoration.

Introduction for Performance

- Closing speed can be adjusted independently.
- Latching speed can be adjusted independently.
- This series door closers can keep stopping state exceed 85 degree.

Main parameter						
Product model	Overall dimension			Mounthole dimension		Applicable door weight
	A	B	E	C	D	
CL.1001-1 AD	180	42	63	165	19	25~45
CL.1001-2 AD	180	42	63	165	19	40~65



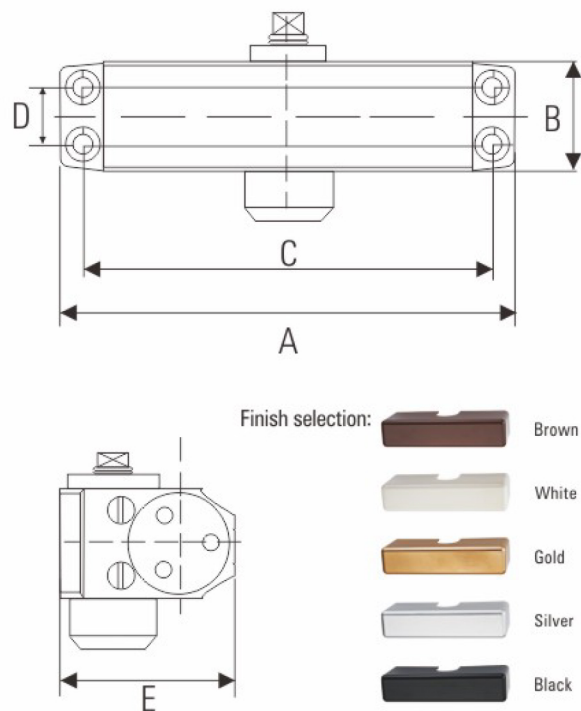
CL.1005-4 BW/SIL

CL.1005 series door closers adopt the alloy aluminium die casting crust body,is provideb with beautiful and lightness appearance,reasonable construction and good performance,belongs to High economical efficiency products. you can install them by vertical or parallel or sliding rail and so on. and the matching cover casing can be chosen. It is preferred products in the fire-resistance and anti-theft door fields. You can choose different luxurious covers according to your decoration.

Introduction for Performance

- Closing speed can be adjusted independently.
- Latching speed can be adjusted independently.
- This series door closers can keep stopping state exceed 85 degree.

Main parameter						
Product model	Overall dimension			Mounthole dimension		Applicable door weight
	A	B	E	C	D	
CL.1005-4 BW	248	46	72	230	19	80~120



CL.2001-4 SIL

CL.2001-4 series door closers adopt the alloy aluminium die casting crust body,is provideb with beautiful and lightness appearance,reasonable construction and good performance,belongs to High economical efficiency products. you can install them by vertical or parallel or sliding rail and so on. and the matching cover casing can be chosen. It is preferred products in the fire-resistance and anti-theft door fields. You can choose different luxurious covers according to your decoration.

Introduction for Performance

- Closing speed can be adjusted independently.
- Latching speed can be adjusted independently.
- This series door closers can keep stopping state exceed 85 degree.

Main parameter						
Product model	Overall dimension			Mounthole dimension		Applicable door weight
	A	B	E	C	D	
CL.2001-4	203	43	67	188	19	65~85

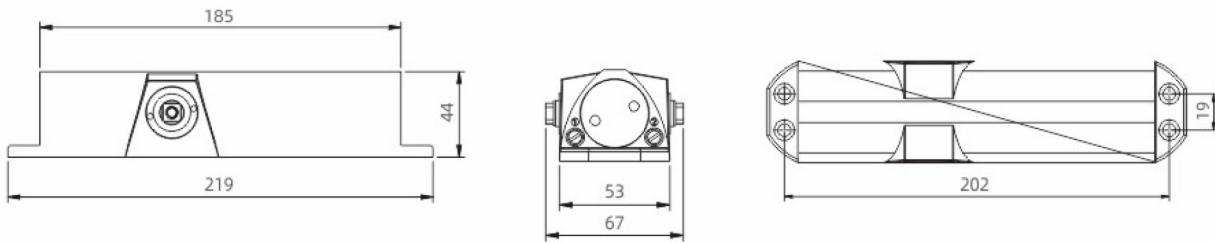


CL.3001-4 SIL

Technical Parameter

Door weight	Power size	Door width	Product Size	Hole distance	Back check	Hold Open	Non-hold open	Life cycles
30-80kgs	EN 4	950mm	219×53×44	202x19mm	No	No	Yes	300000

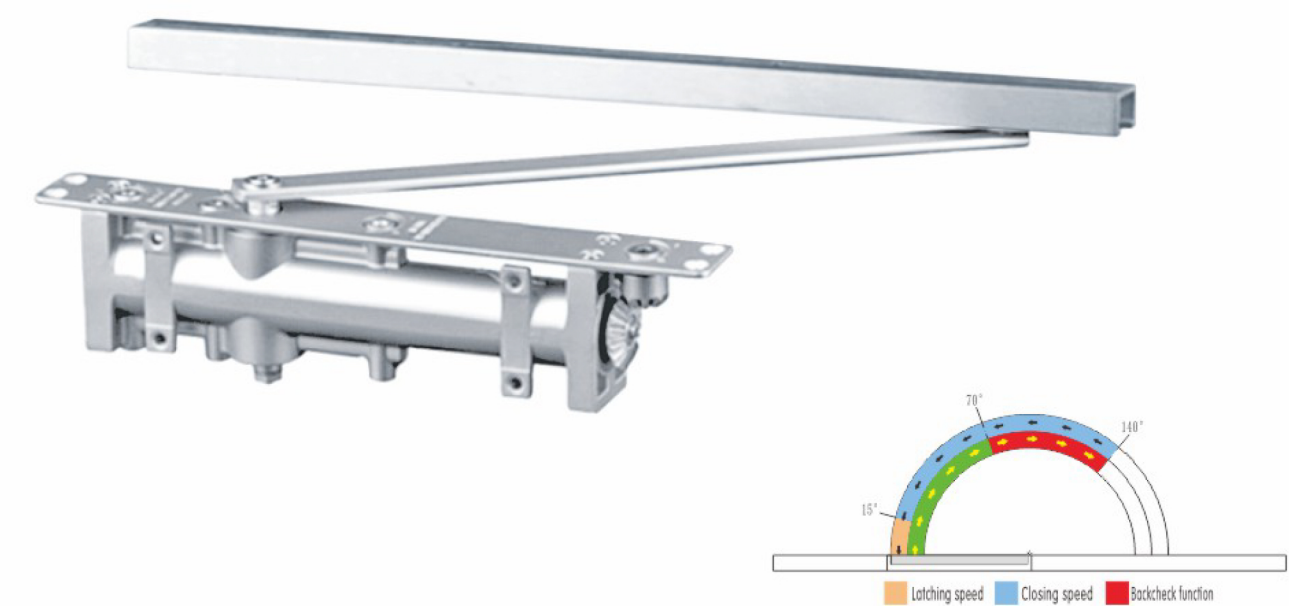
Product size



DOOR CLOSER
SERIES

Introduction for Performance

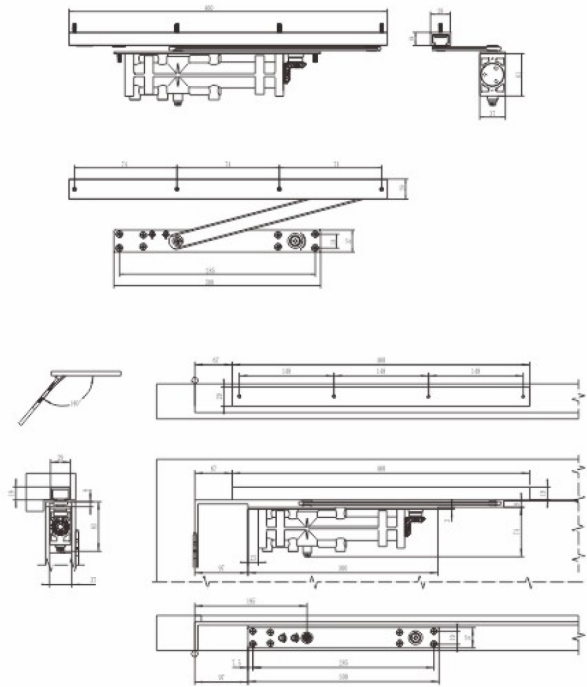
- Closing speed can be adjusted independently.
- Latching speed can be adjusted independently.
- Slide rail has hold open door device and the angle of hold open door can be adjustable anywhere.



CL.120 SIL
CONCEALED DOOR CLOSER

Main functions & dimensions

Power Size (EN)	EN2-5	
Power size adjustable	●	
Body material	Aluminium	
Maximum door width (mm)	1500	
Maximum door weight (Kg)	120	
Installation method	Concealed	
Closing speed	●	
Latching speed	●	
Maximum opening angle	140°	
Backcheck function	○	
Delay function		
Suitable for the fire-resistant and smoke control doors	F	
Hold open function	●	
Body dimension	Length (mm)	230
	Width (mm)	37
	Height (mm)	81



Function:

- Easy to Install
- Adjustable Screws For Slow or Fast Closing
- Quality Zinc Alloy Shell Automatic Door closer
- Enjoy automatic closing and latching, maintaining quiet and security
- Door Closer Fits Right Or Left Swing Doors

Installation steps:

- 1.please install the door closer at exact position
- 2.Adjust the pressure to your need by tommy bar/tem Type: Spring Door Closer

Color: black

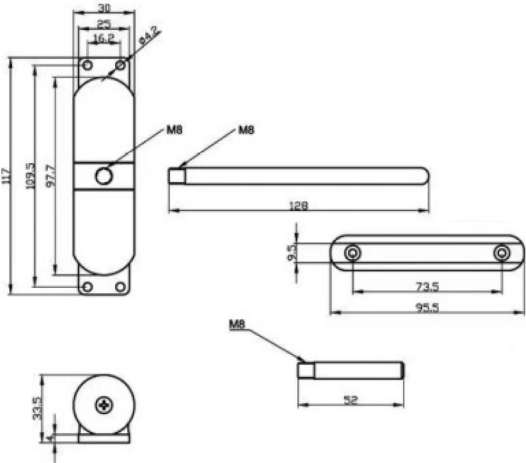
Material: Zinc Alloy

Weight: 380g /set

Usage: family door, door, hotel guest room door, wooden door

Bear weight: 20-70 KG

The door width: 1 m



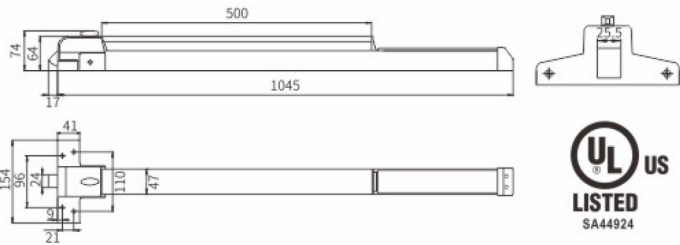
PUSH TYPE PANIC
BAR SERIES

TOUCH BAR ECONOMICAL RIM TYPE PB.1510 SERIES



PB.1510P

PB.1510S



FEATURE

Economical
Rim Narrow Type
Dogging Function
Push Bar Size:500mm
Body length:1045mm, Can cutting to min 650mm
UL NO: SA44924
UL305, Chinese domestic fire rated 1.5H.
Silver powder painting, Color Optional
Work With Outside Trim Lock and Cylinder On P183



SPECIFICATION

Model	PB.1510P	PB.1510S
Material	Alu Cover, metal bar	Sus304 Cover, Sus304 Bar
Thumbturn	Zinc Alloy Standard, Sus304 Optional	Sus304
Bolt	Zinc Alloy Standard, Sus304 Optional	Sus304
End Cap	Plastic Standard, Metal Optional	Sus304
Striker	Zinc Alloy Standard, Metal Or Sus304 Optional	Sus304

OPTIONAL FULL TOUCH BAR



ACCESSORIES



PB.1510P Zinc Striker



PB.1510S Sus 304 Striker



PB.1510 Screws



PB.1510P Plastic End Cap



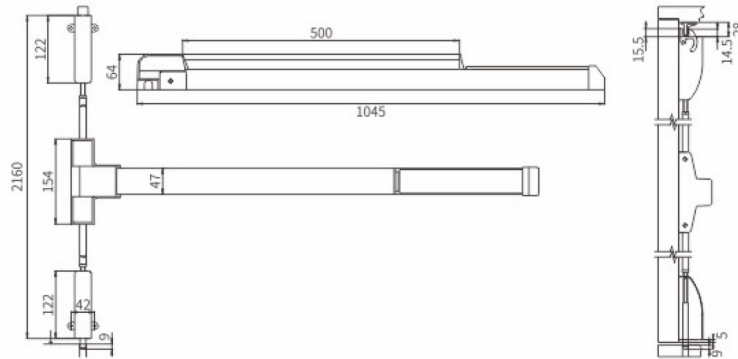
PB.1510S Sus304 End Cap

TOUCH BAR ECONOMICAL VERTICAL TYPE PB.1520 SERIES



PB.1520P

PB.1520S



FEATURE

Economical
Vertical Narrow Type
Touch Bar Length:500mm
Body Length:1045mm, Can be cutting to min 650mm
Upper&Lower tube:900mm
Max Door Height:2160mm
Chinese domestic fire rated 1.5H.
Silver powder painting, Color Optional
Work With Outside Trim Lock and Cylinder On P183

SPECIFICATION

Model	PB.1520P	PB.1520S
Material	Alu Cover, metal bar	Sus304 Cover, Sus304 Bar
Upper and Lower body	Metal	Nickel Metal
Upper bolt	Zinc Alloy	Zinc Alloy
End Cap	Plastic Standard, Metal Optional	Sus304
Upper Striker	Zinc Alloy	Zinc Alloy

OPTIONAL FULL TOUCH BAR



ACCESSORIES



PB.1520 Zinc Upper Striker



PB.1520 Metal Striker



PB.1520 Screws

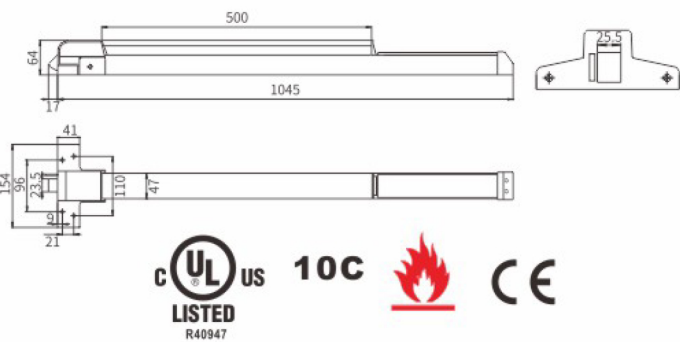


PB.1520P Plastic End Cap



PB.1520S Sus304 End Cap

TOUCH BAR FIRE RATED RIM TYPE PB.1710 SERIES



FEATURE
Rim Narrow Type
Security Latch bolt
Touch Bar Length:500mm
Body Length:1045mm, Can cutting to min 650mm
EN1125, 196min Fire Rated, CE Certification
UL10C 3HOURS FIRE RATED
UL NO:R40947
Silver powder painting, Color Optional
Work With Outside Trim Lock and Cylinder On P183

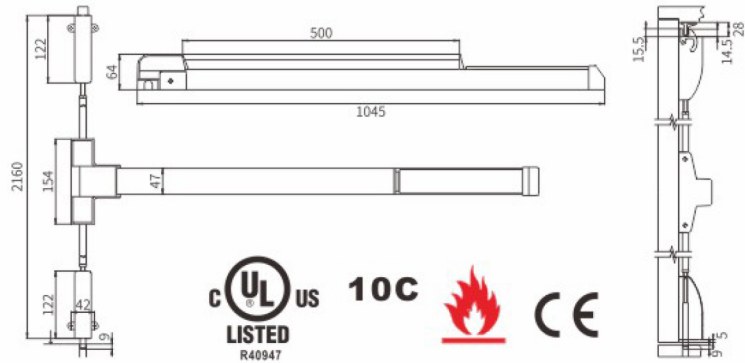
SPECIFICATION

Model	PB.1710P	PB.1710S
Material	Alu Cover, metal bar	Sus304 Cover, Sus304 Bar
Bolt	Sus304	Sus304
End Cap	Metal	Sus304
Striker	Sus304	Sus304

OPTIONAL FULL TOUCH BAR



TOUCH BAR FIRE RATED VERTICAL TYPE PB.1720 SERIES

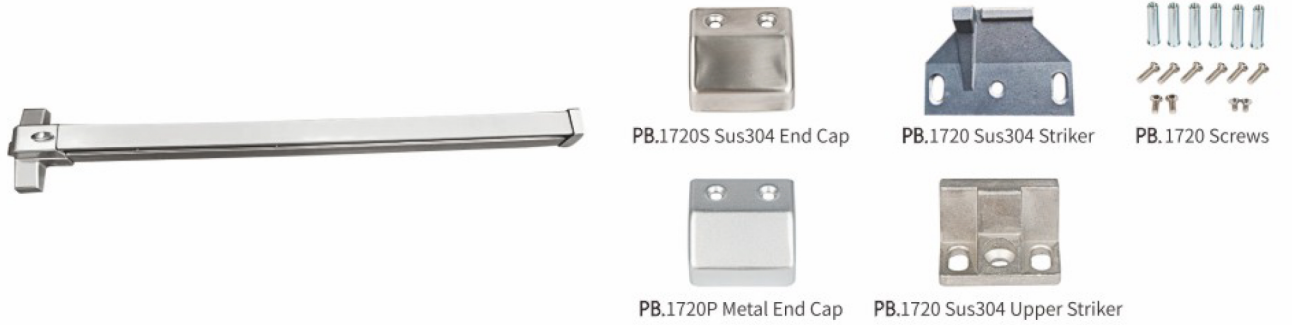


FEATURE
Vertical Narrow Type
Touch Bar Length:500mm
Body Length:1045mm, Can be cutting to min 650mm
Upper&Lower tube:900mm
Max Door Height:2160mm
EN1125, 132min Fire Rated, CE Certification
UL10C 3HOURS FIRE RATED
UL NO:R40947
Silver powder painting, Color Optional
Work With Outside Trim Lock and Cylinder On P183

SPECIFICATION

Model	PB.1720P	PB.1720S
Material	Alu Cover, metal bar	Sus304 Cover, Sus304 Bar
Upper and Lower body	Metal	Nickel Metal
Upper bolt	Sus304	Sus304
End Cap	Metal	Sus304
Upper Striker	Sus304	Sus304

OPTIONAL FULL TOUCH BAR



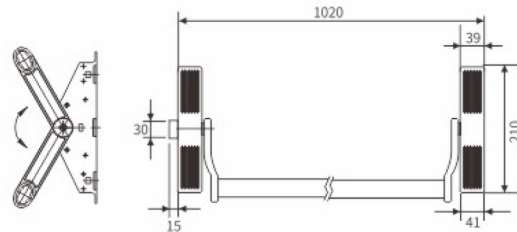
CROSS BAR RIM TYPE PB.1310



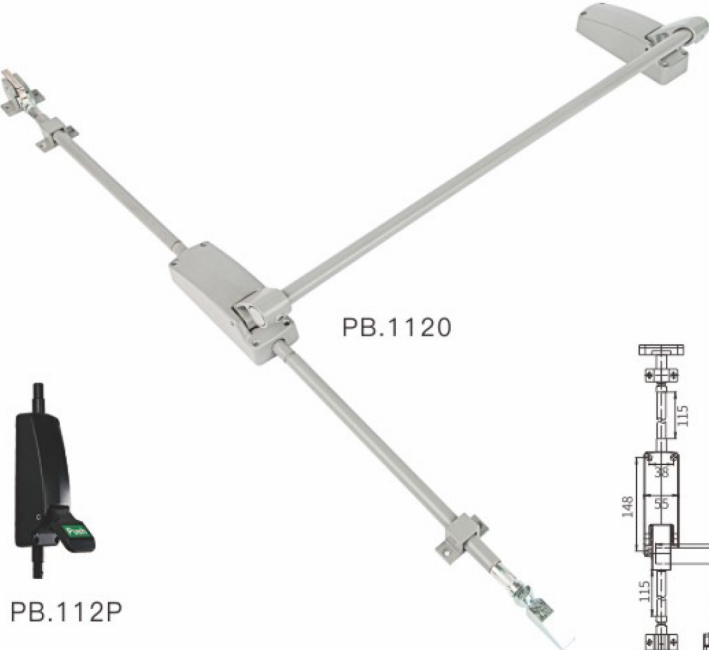
PB.1310

FEATURE

- 1.One point lock
- 2.Material:Zinc Alloy
- 3.No Handed
- 4.Horizontal bar standard :900mm
- 5.Color:Painted optional
- 6.Door width:Max for 1020mm

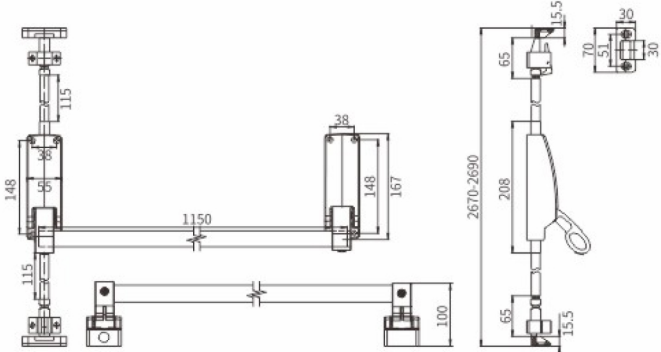


CROSS BAR VERTICAL TYPE PB.1120



PB.1120

Material: Alu body, Iron tube
No handed
Finish: Spray Grey
Tube Length:1150mm
Upper and Lower tube Length: 1150mm
Max door height: 2600mm
Vertical type, two points lock
Popular on UK, India market.
Fixed with PB.011LE outside trim lock



PB.112P

CROSS BAR RIM TYPE PB. 3010

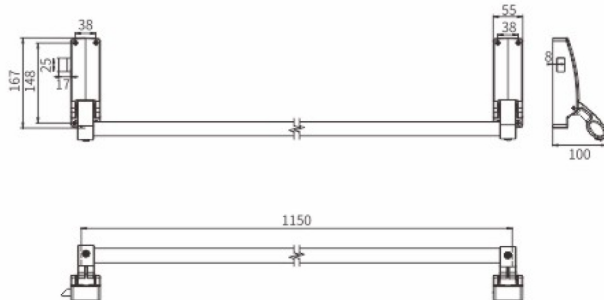


PB.1110

Material: Alu body, Iron tube
Finish: Spray Grey
Tube Length:1150mm
Bolt:Iron
Description:European type, popular on UK, India market.
Work with PB.011LE and PB.011KE outside trim lock



CROSS PAD PB.111P

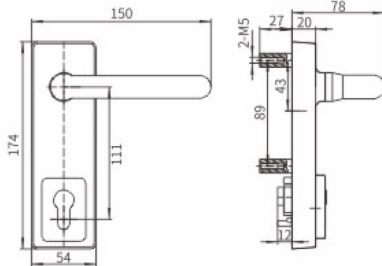


OUTSIDE TRIM LOCK FOR PB.1100 SERIES

PB.011LE LEVER TRIM LOCK



Material:Zinc body, Alu Lever
Cylinder: Brass half-cylinder
Key: 3 brass keys
Finish: Spray Grey
Work with cross bar panic exit devicePB.1110 & 1120



PB.011KE KNOB TRIM LOCK



Material: Zinc body, Alu Knob
Cylinder: Brass half-cylinder
Key: 3 brass keys
Finish: Spray Grey
Work with cross bar panic exit devicePB.1110

