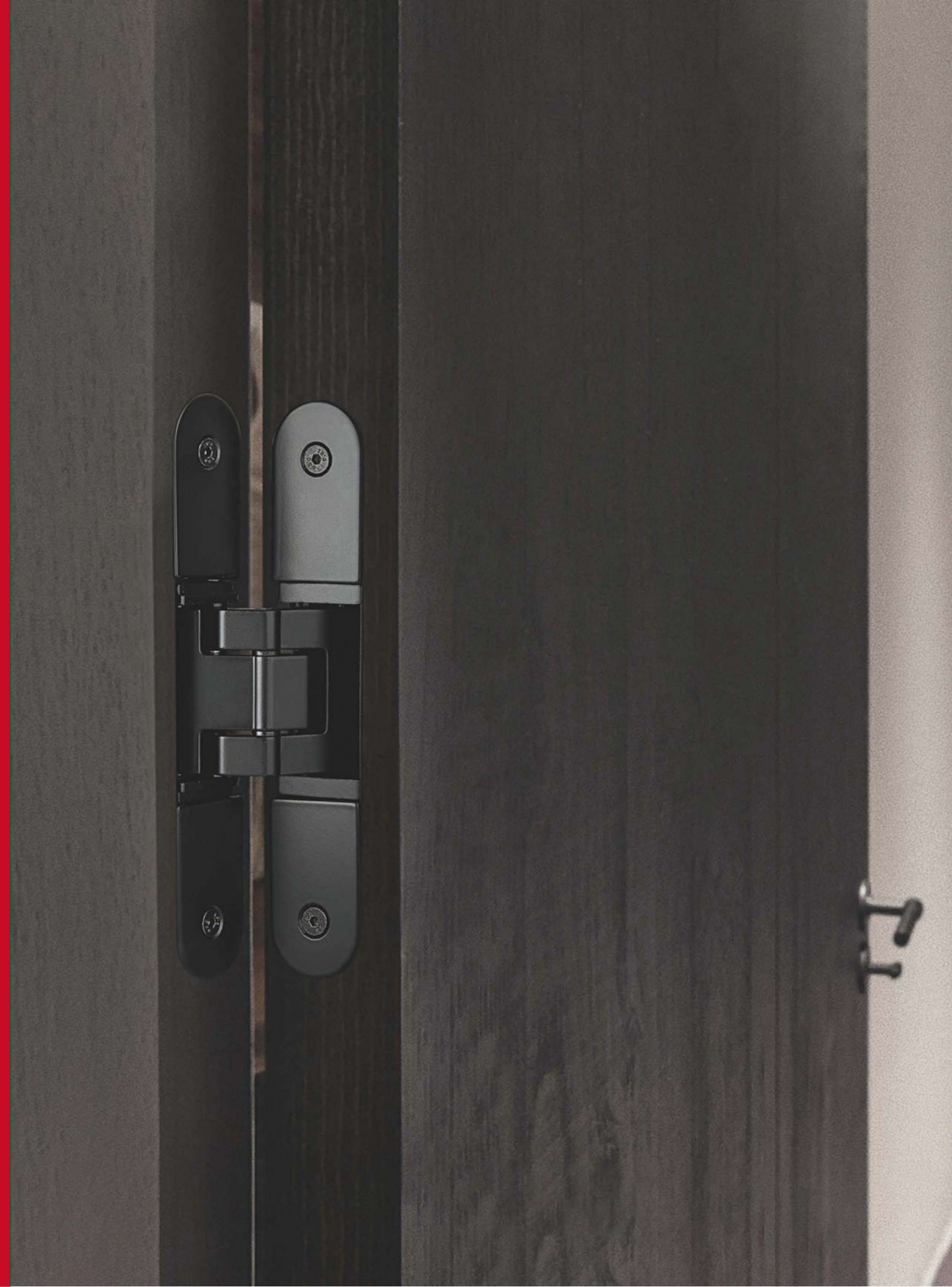


HINGES AND HARDWARE ACCESSORIES SERIES

06

DOOR HARDWARE



Locations

SM
San Marino

sanmarino

Barwa Village-Shop 37, Building 8, Doha-Qatar Al Qusais Ind3, Store No.10, Dubai, U.A.E

Novella 1804 15 Stanley Street Salford Postcode M3 5GW Manchester England

 sanmarinoqatar.com

HG.3D.S.160/120KG.SS

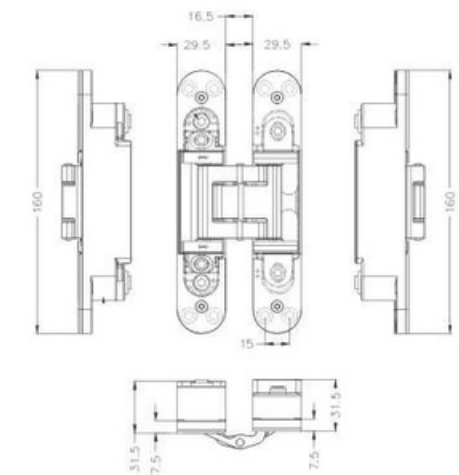


DOOR SPECIFICATIONS

Material	stainless steel
Max.Door Weight	120kg (2 pcs)
Door Thickness	38-60mm
Door Size	width≤900mm height≤2300mm

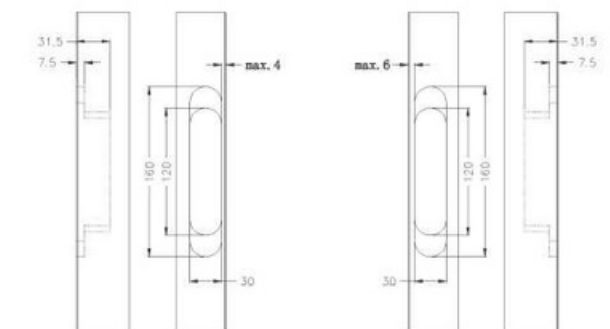
ADJUSTMENT

Vertical	33 mm
Horizontal	31.5 mm
Depth	31.5 mm



CUT OUT DRAWING

cut out drawing for
frame side



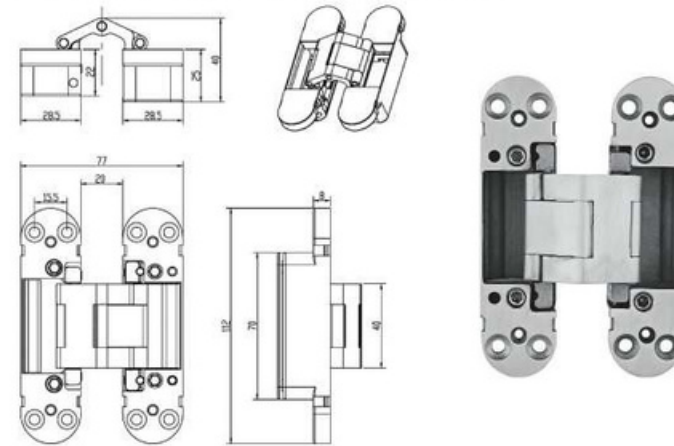
HG.3D.S.112/100KG.SS



TECHNICAL DETAIL

Load capacity (two hinges per door leaf)	100kg
Overall length	112mm
Width (frame part)	28.5mm
Width (door part)	28.5mm
Cutting depth (frame part)	24mm
Cutting depth (door part)	27mm
Opening angle	180°
Minimum door thickness (timber door)	40mm
Minimum door thickness (steel door)	35mm

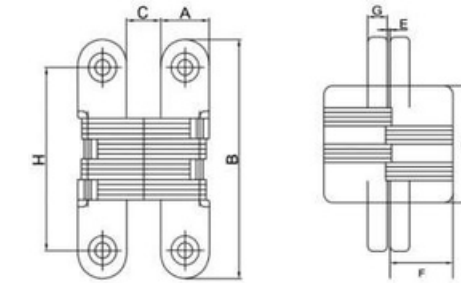
Material: stainless steel
Finish: Body: Nature
Cover: Customized (surface treatment for stainless steel)



HG.SZ.ED-02.SN



HG.SZ.ED-04"SN-TH



Dimension (mm)	Zinc Alloy Shell Stainless Steel Core Concealed Hinge Parameter										
	34X140	28X118	25X118	19X95	16X70	13X60	13X45	28X118	28X118	28X118	19X118
A	34	28	25	19	16	13	13	28	25	28	19
B	139.5	117.5	117.5	95	70	60	45	117.5	117.5	117.5	95
C	27.5	22	18	13	11	9	9	25	18	22	13
D	74.5	61.5	64	51.2	34	30	19	61.5	64	61.5	51.2
E	1.6	1.4	1.6	1.2	0.8	0.8	0.8	1.4	1.6	1.4	1.2
F	51	41	36	27	22.5	18	18	44	36	41	27
G	11.5	9.5	11	9	7	6	5	12	11.5	9.5	9
H	outer hole 113.5 inner hole 102.5	outer hole 93 outer hole 87	90	73	51	47	30.5	90	90	outer hole 93 inner hole 87	73
Door thickness	50mm	40mm	35mm	30mm	25mm	20mm	20mm	40mm	35mm	40mm	30mm
Each weight g/pc	1400g	785g	650g	310g	160g	85g	55g	800g	630g	1090g	276g
Bearing weight kg/pc	50kg	40kg	30kg	25kg	15kg	10kg	5kg	25kg	30kg	40kg	25kg

Installation: 3pcs for a door, it depends on door thick, weight, and actual situation.

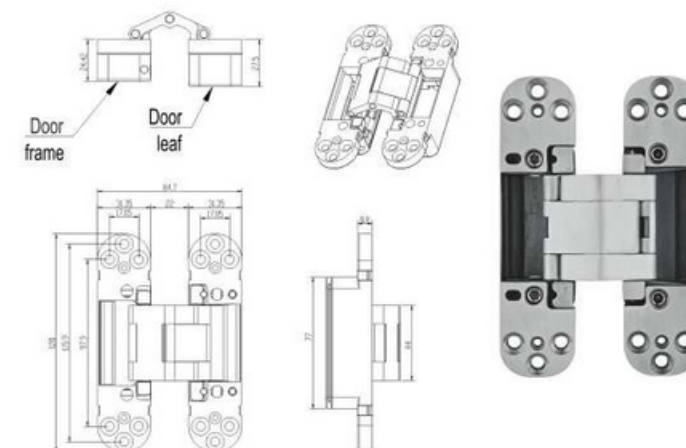
HG.3D.S.128/120KG.SS



TECHNICAL DETAIL

Load capacity (two hinges per door leaf)	120kg
Overall length	128mm
Width (frame part)	32mm
Width (door part)	32mm
Cutting depth (frame part)	26.5mm
Cutting depth (door part)	29mm
Opening angle	180°
Minimum door thickness (timber door)	40mm
Minimum door thickness (steel door)	38mm

Material: stainless steel
Finish: Body: Nature
Cover: Customized (surface treatment for stainless steel)

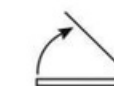
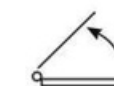


HG.3D.110MM



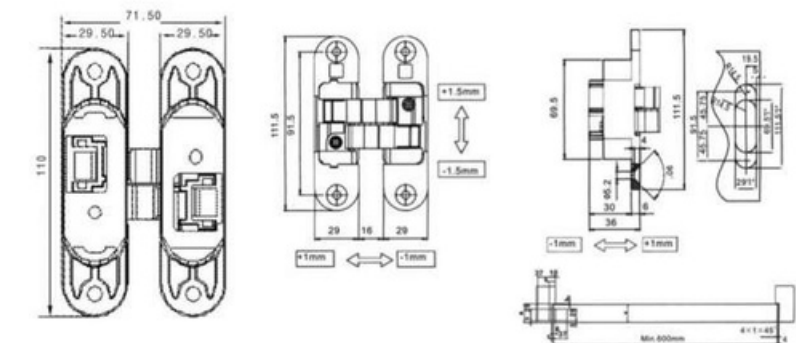
LEFT HAND

RIGHT HAND



TECHNICAL DETAIL

Material:	zinc alloy
Finish:	SC, SN, CP, NP, AB, AC, etc.
Area of application:	For wooden frames, for steel frames, for aluminum frames, etc.
Installation:	Door weight : <60 kg with 3 door hinges
Opening angle:	<180°
Door width:	<1000mm
Door thickness:	≥40mm
Door height:	≥2100mm with 4 door hinges
Size:	110mm
Adjustment facility:	Continuously 3D adjustable:
Height	31.5 mm, side and closing pressure 31 mm
Mounting:	Suitable for DIN left hand, DIN right hand



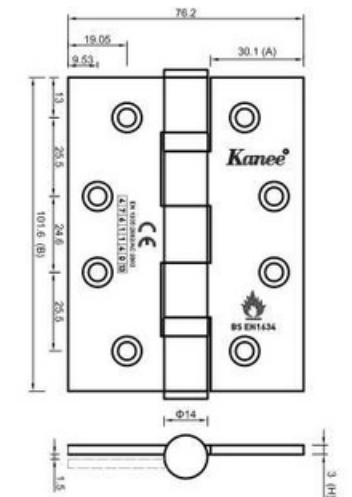


HG.S.403030.SS.2BB.EN

For wooden and metal frames
Material: stainless steel
Finish: SS/DAB/PVD/BLK



CE	Historical Lates Metal Items and Locks Accessories LLC +971502243980, Dubai, U.A.E.	20
0905	EN 1935:2003(AC:2003)	4 7 6 1 1 4 0 13
Dangerous substances: None		

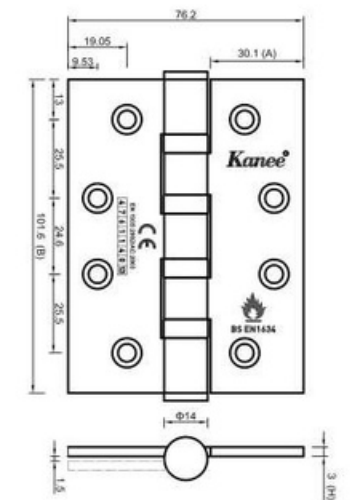


HG.S.403030.SS.4BB.EN

For wooden and metal frames
Material: stainless steel
Finish: SS/DAB/PVD/BLK



CE	Historical Lates Metal Items and Locks Accessories LLC +971502243980, Dubai, U.A.E.	20
0905	EN 1935:2003(AC:2003)	4 7 6 1 1 4 0 13
Dangerous substances: None		

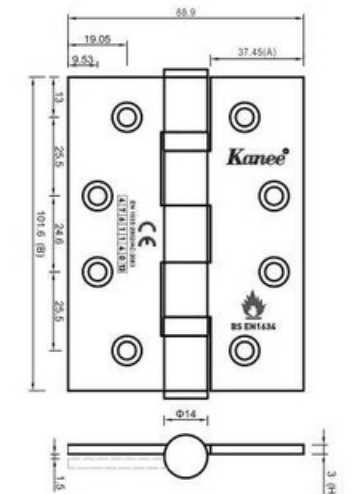


HG.S.403530.SS.2BB.EN

For wooden and metal frames
Material: stainless steel
Finish: SS/DAB/PVD/BLK



CE	Historical Lates Metal Items and Locks Accessories LLC +971502243980, Dubai, U.A.E.	20
0905	EN 1935:2003(AC:2003)	4 7 6 1 1 4 0 13
Dangerous substances: None		



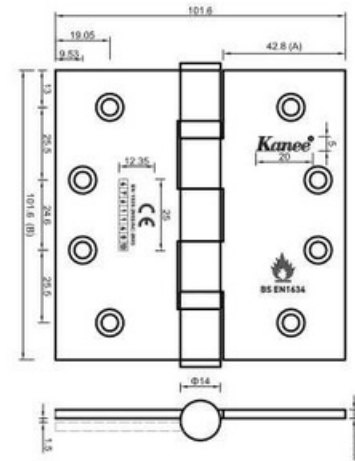


HG.S.404030.SS.2BB.EN

For wooden and metal frames
Material: stainless steel
Finish: SS/DAB/PVD/BLK



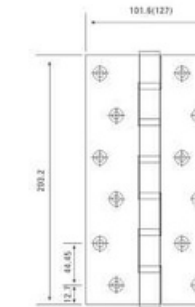
CE	Historical Lukes Metal Items and Locks Accessories LLC +971502243980, Dubai, U.A.E	20
0905	EN 1935:2002/AC:2003	4 7 6 1 1 4 0 13
Dangerous substances: None		



HG.S.804035.6BB.SS

Finish:
SS/DAB/PVD/BLK
Material:
Stainless Steel
Available For:
All Kinds Of Wooden Gate Door,
Room Door

Dimension(HxWxT)	Bearing
HG.S.804035.6BB	6BB
HG.S.804040.6BB	6BB
HG.S.805040.6BB	6BB

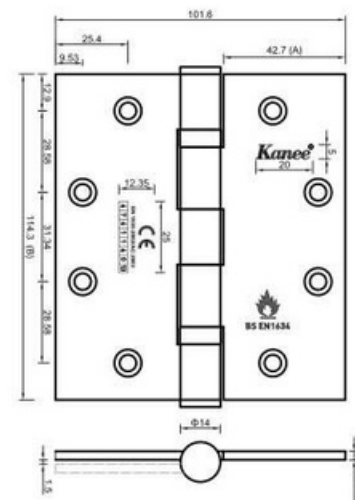


HG.S.454030.SS.2BB.EN

For wooden and metal frames
Material: stainless steel
Finish: SS/DAB/PVD/BLK



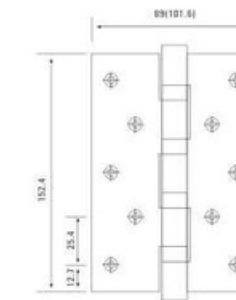
CE	Historical Lukes Metal Items and Locks Accessories LLC +971502243980, Dubai, U.A.E	20
0905	EN 1935:2002/AC:2003	4 7 6 1 1 4 0 13
Dangerous substances: None		



HG.S.604030.4BB.SS

Finish:
SS/DAB/PVD/BLK
Material:
Stainless Steel
Available For:
All Kinds Of Wooden Gate Door,
Room Door

Dimension(HxWxT)	Bearing
HG.S.603530.4BB	4BB
HG.S.603535.4BB	4BB
HG.S.604030.4BB	4BB
HG.S.604035.4BB	4BB
HG.S.604040.4BB	4BB

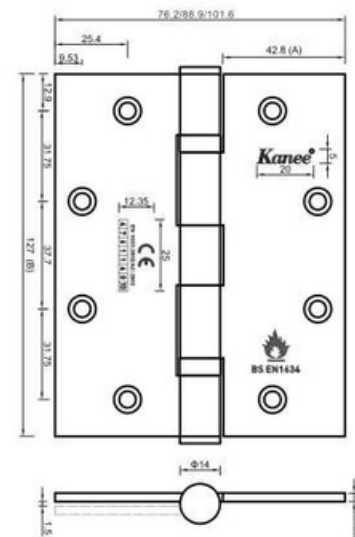


HG.S.503030.SS.2BB.EN HG.S.503530.SS.2BB.EN HG.S.504030.SS.2BB.EN

For wooden and metal frames
Material: stainless steel
Finish: SS/DAB/PVD/BLK



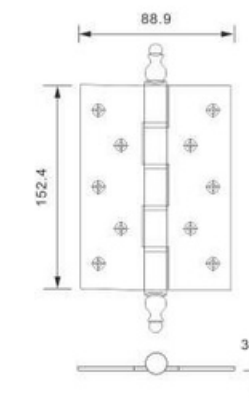
CE	Historical Lukes Metal Items and Locks Accessories LLC +971502243980, Dubai, U.A.E	20
0905	EN 1935:2002/AC:2003	4 7 6 1 1 4 0 13
Dangerous substances: None		

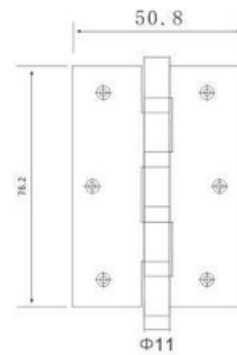


HG.S.603530.4BB.CHP.PVD

Finish:
SS/DAB/PVD/BLK
Material:
Stainless Steel
Available For:
All kinds of wooden gate door, room door
FEATURES:
Switching flexibility, No noise, Long life

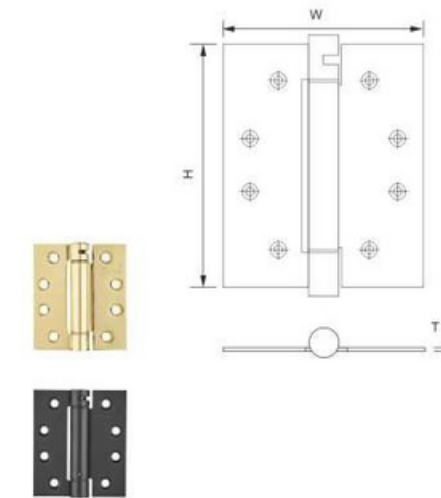
Dimension(HxWxT)	Bearing
HG.S.403030.CHP	4BB
HG.S.503530.CHP	4BB
HG.S.603530.CHP	4BB





HG.S.302020.2BB.SS

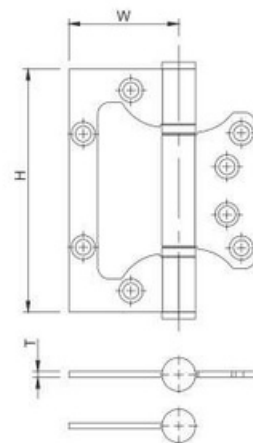
Finish:
SS/DAB/PVD/BLK
Material:
Stainless Steel
Available For:
All Kinds Of Wooden Gate Door,
Room Door



HG.I.SPH403530.SN

Finish:
SS/DAB/PVD/BLK
Material:
Steel
Available for:
All kinds of wooden gate door, room door
FEATURES:
Switching flexibility, No noise, Long life

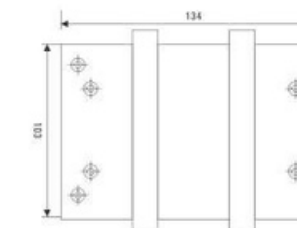
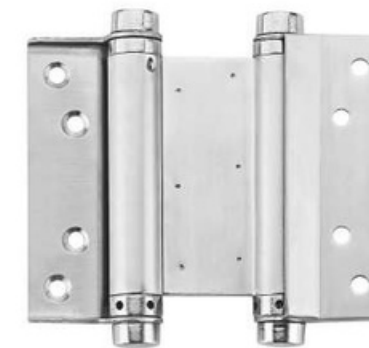
Dimension(HxWxT)	Dimension(HxWxT)
4"x3"x2.0mm	4"x4"x2.5mm
4"x3"x3.0mm	4"x4"x2.7mm
4"x3.5"x3.0mm	4"x4"x3.3mm
4"x4"x3.0mm	4.5"x4"x3.4mm
	4.5"x4.5"x3.4mm



HG.S.BFH.403025.SS

Finish:
SS/DAB/PVD/BLK
Material:
Stainless Steel
Available For:
All Kinds Of Wooden Gate Door,
Room Door

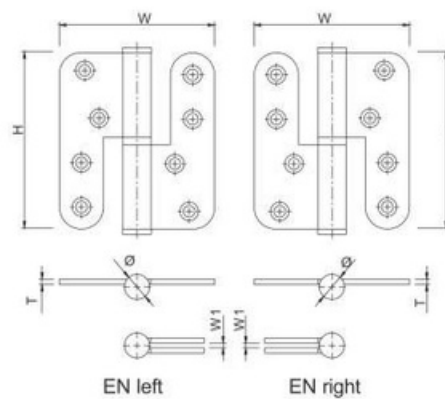
Dimension(HxWxT)	
4.0"x3.0"x2.5mm	
4.0"x3.0"x3.0mm	
4.0"x3.5"x3.0mm	



HG.S.DA.4"x2mm.SS

Finish:
SS/DAB/PVD/BLK
Material:
Stainless Steel
Available For:
All Kinds Of Wooden Gate Door,
Room Door

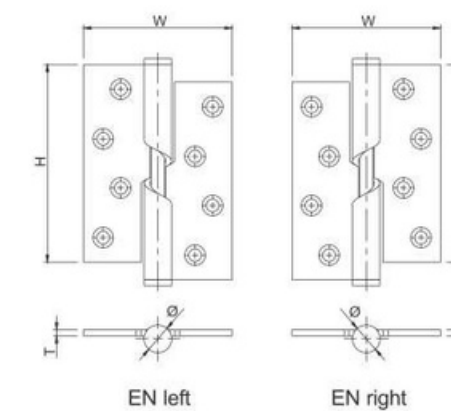
Dimension(HxWxT)	Bearing
4"x2mm	/



HG.S.HH.100x86x3.SS

Finish:
SS/DAB/PVD/BLK
Material:
Stainless steel
Available for:
All kinds of wooden gate door, room door
Features:
Switching flexibility, No noise, Long life

Dimension(HxWxT)	
100x86x3.0mm	



HG.S.UD.403030.SS

Finish:
SS/DAB/PVD/BLK
Material:
Stainless steel
Available for:
All kinds of wooden gate door, room door
Features:
Switching flexibility, No noise, Long life

Dimension(HxWxT)	
4"x3"x2.0mm	
4"x3"x3.0mm	
3"x2.5"x2.0mm	



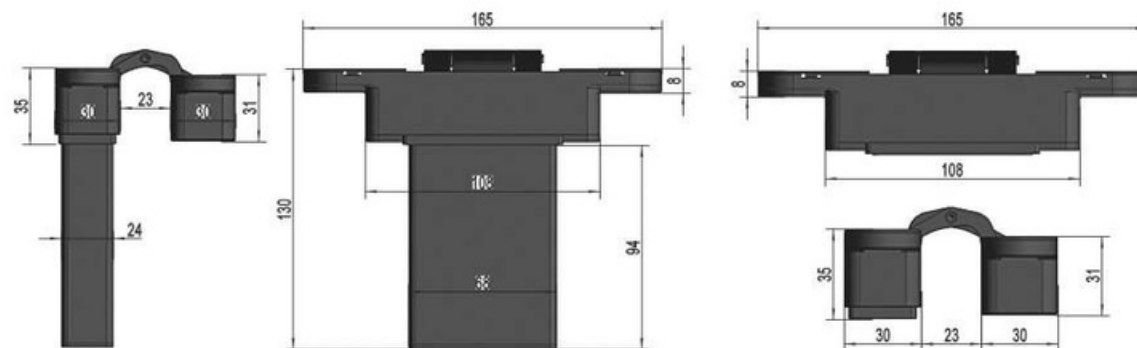
EDA-20 BLK
Load capacity: 2pcs 60kg

Finish:
OX/SG/DAB/DAC/BLK
Main material:
zinc alloy
Surface treatment:
matte black



EDA-20 BLK
Load capacity: 3pcs 80kg

Finish:
OX/SG/DAB/DAC/BLK
Main material:
zinc alloy
Surface treatment:
matte black



DS.Z.3891.CP



DS.Z.3891.MSN



DS.Z.3891.MBS



DS.Z.3891.COF



DS.Z.3891.PVD



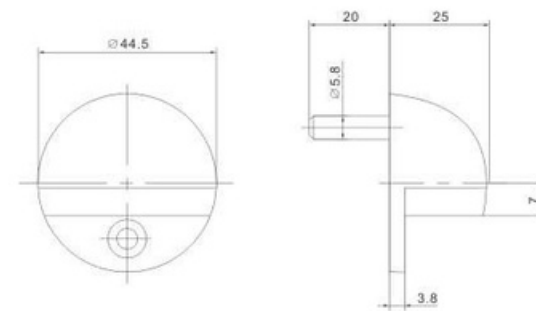
DS.Z.3891.BLK





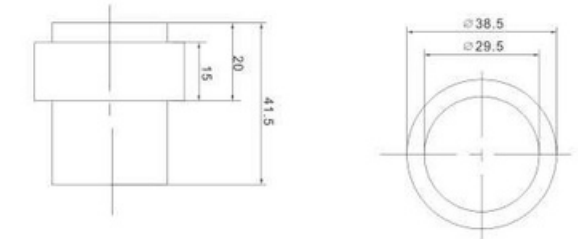
DS.Z.3704.SN

Material:
Zinc alloy/Stainless steel
Finish:
SN/SS/AB/AC/GP/CP



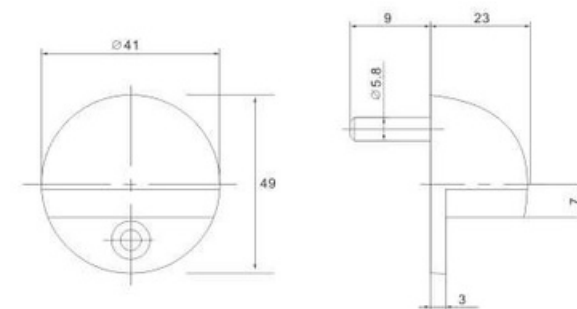
DS.S.3801.SS

Material:
Stainless steel
Finish:
SS/PSS



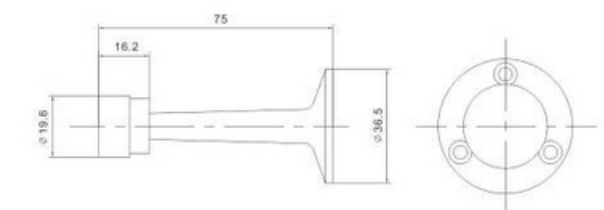
DS.Z.3710.SN

Material:
Zinc alloy
Finish:
SN/AB/AC/GP/CP



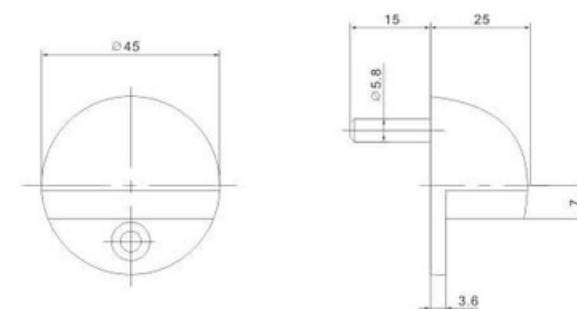
D3705 SN

Material:
Zinc alloy
Finish:
SN/AB/AC/GP/CP



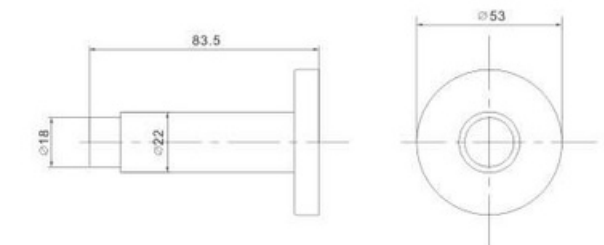
DS.Z.3720.SN

Material:
Zinc alloy
Finish:
SN/AB/AC/GP/CP



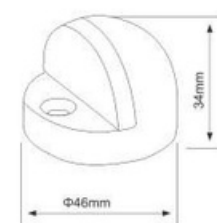
D3817 SS

Material:
Stainless steel
Finish:
SS



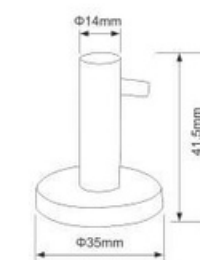
DS.S.3730.SS

Material:
Stainless Steel/Zinc Alloy
Finish:
SS/SN



D.S.3810.SS.HOOK

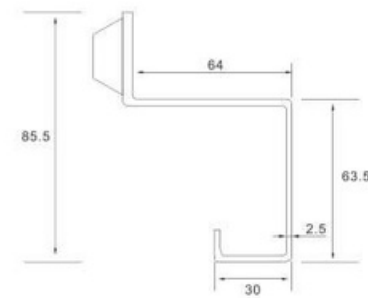
Material:
Stainless Steel
Finish:
SS





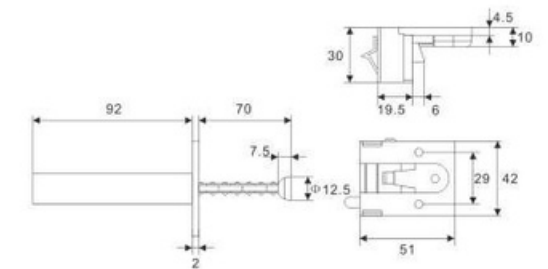
D3820 SS

Material:
Stainless steel
Finish:
SS



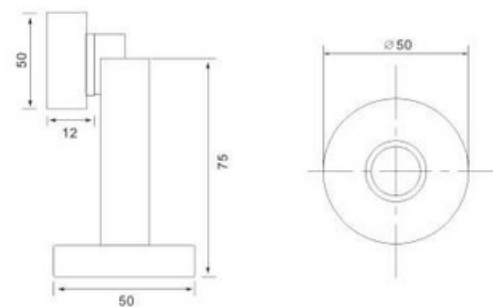
DS.Z.3825.SN

Material:
Zinc alloy/Stainless steel
Finish:
SN/SS



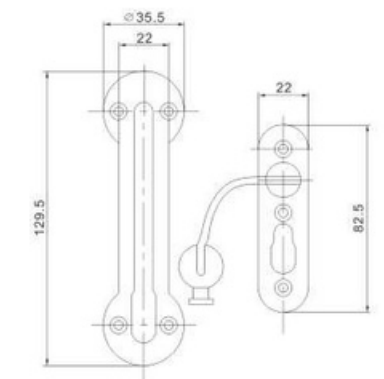
D.Z.3850.SN

Material:
Zinc alloy
Finish:
SN



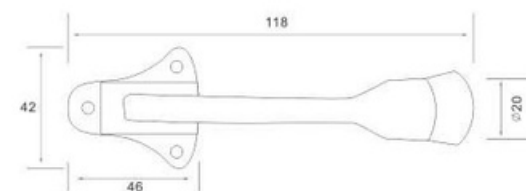
DCH.3805.SN.Z

Material:
Zinc alloy/Stainless steel
Finish:
SN/SS/AB/AC/GP



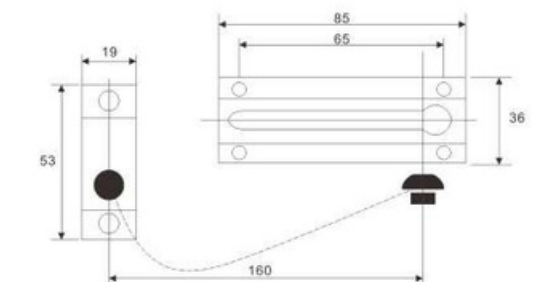
D3852 SC

Material:
Zinc alloy
Finish:
SC/SN/AB/AC



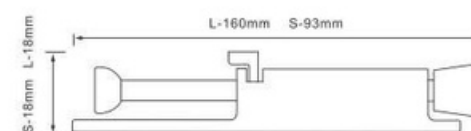
D3816 PB

Material:
Brass/Stainless steel
Finish:
SN/SS/AB/AC/PB



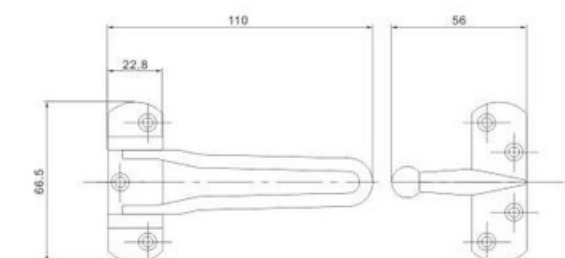
D3853 SN

Material:
Zinc alloy
Finish:
SN/AB/AC/GP



DS.Z.3806.SN

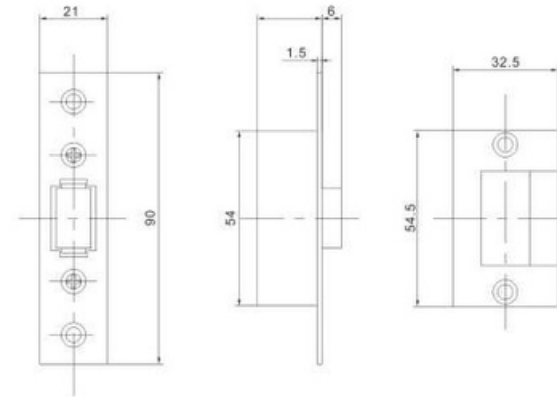
Material:
Zinc alloy/Stainless steel
Finish:
SN/SS/AB/AC/GP





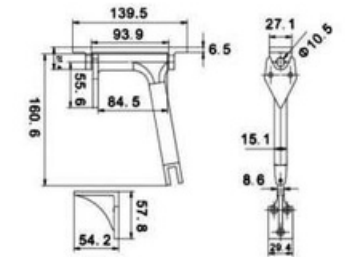
SB-201 SS

Material:
Stainless steel
Finish:
SS



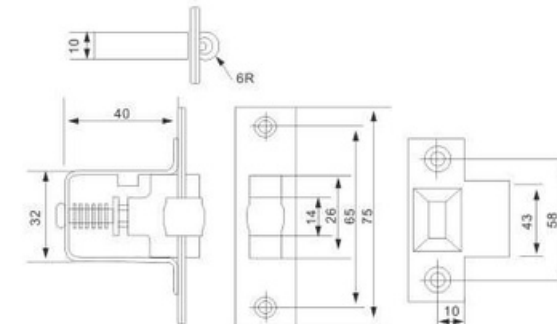
D3740.SS

Scope of application:
double doors, fire doors, access doors
Material:
304 stainless steel casting
Applicable door weight: 40-180KG
(adjustable strength)
Function: used to control the closing
sequence of the master/slave door to
ensure that the active door is closed
after the slave door.
Surface treatment:
sanding, red, green, PVD, etc.



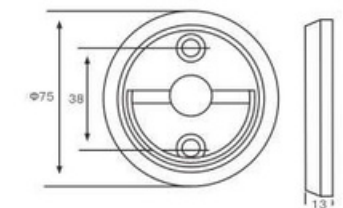
SB-202 SS

Material:
Stainless steel
Finish:
SS



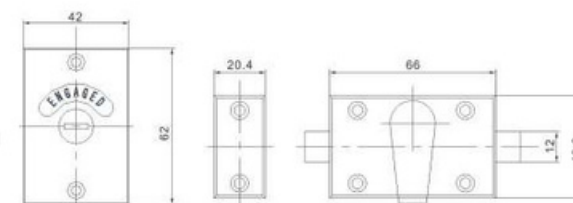
D.7001.SS

Material:
Stainless Steel
Finish:
SS



D3707 SN

Material:
Zinc alloy/Stainless steel
Finish:
SN/SS



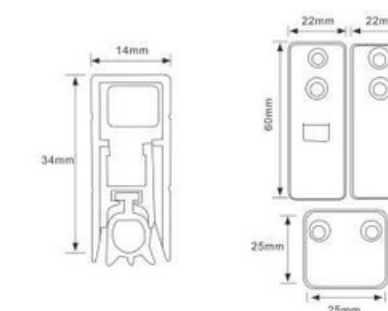
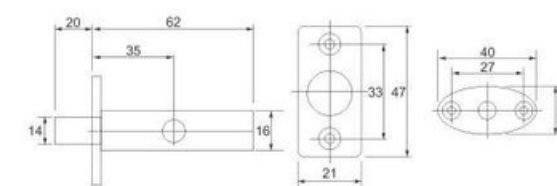
FC-11.SIL

Product: automatic drop down bottom seal U shape
Material: aluminum alloy frame, rubber seal
Color: silver aluminum alloy
Length: 930mm, 1030mm, 1200mm, 1400mm
Application: for kinds of aluminum alloy doors, wooden doors at home, hospital, school, hotel etc.
Features: it's a type wear resistant, excellently elastic, anti-aging door bottom seal strip
Easy to install, without prejudice to the opening and closing of the door Won't wear out the ground



D3737.SS

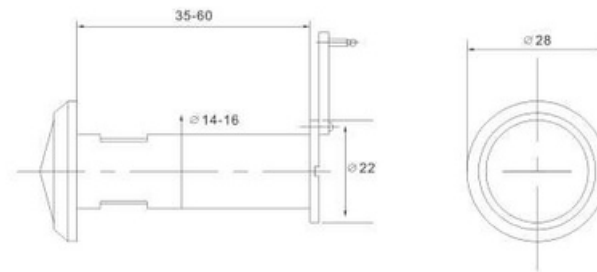
Material:
Stainless Steel
Finish:
SS





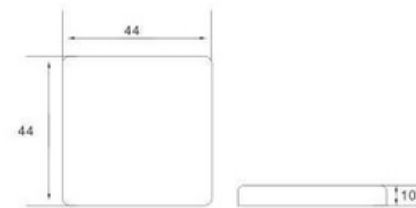
DV.B.05.SC

Material:
Zinc alloy/Brass
Finish:
SC/SN/AB/AC/GP



DS.P.3700.GR

Material:
Rubber with 3M sticker
Finish:
WH/BLK/GR



SPINDLE HX 8*60



SPINDLE 8*8*100



SPINDLE TAIL ROUND
8*32



SPINDLE HALF 8*70



SPINDLE 8*CROSS*100



WS.S.B001.SS



WS.S.HG90.SS



WS.S.B001.SS



WS.S.HK86.SS



WS.S.CH01.SS



WS.S.KN45.SS



WS.S.FT100.SS



D3802.B.SN

Material:
Brass/SS/Zinc
Finish:
SN/SS

DS.M.3818.SN

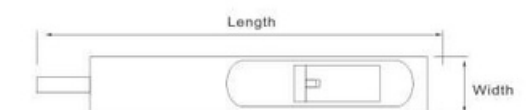
Material:
Stainless steel
Finish:
SN/SS



FB.Z.8.034.SN

Material:
Brass/Zinc alloy
Finish:
SN/SC/AB/AC/PB/SB

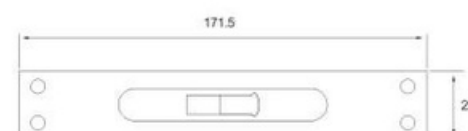
Brass flush bolt	
Length	6" ,8" ,10" ,12"
Width	1"



FB.B.038.SC

Material:Brass
Finish:SN/SC

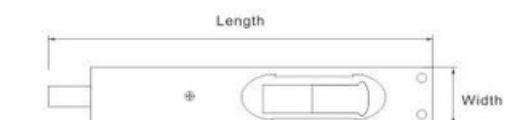
Stainless Steel flush bolt	
Length	171.5
Width	25



FB.S.037.SS

Material:
Stainless steel
Finish:
SS

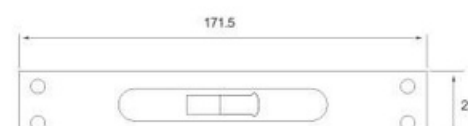
Stainless Steel flush bolt	
Length	6" ,8" ,10" ,12"
Width	1"



FB.S.040.SS

Material : Stainless Steel
Finish:SS

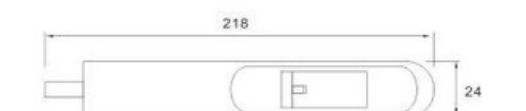
Stainless Steel flush bolt	
Length	171.5 171.5
Width	25 30



FB.Z.8.044.MAB

Material:
Zinc alloy
Finish:
SN/MAB/AC/GP/CP

Brass flush bolt	
Length	8"
Width	1"



Model:

CL.1023

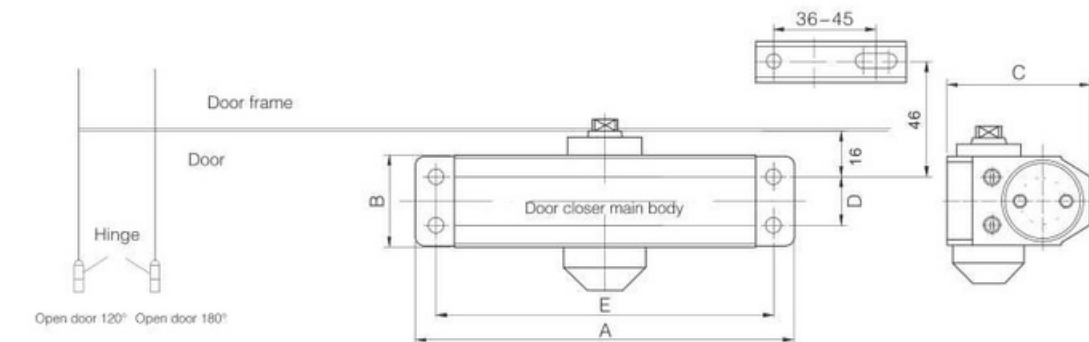
Light Duty Concealed EN3 Door Closers



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

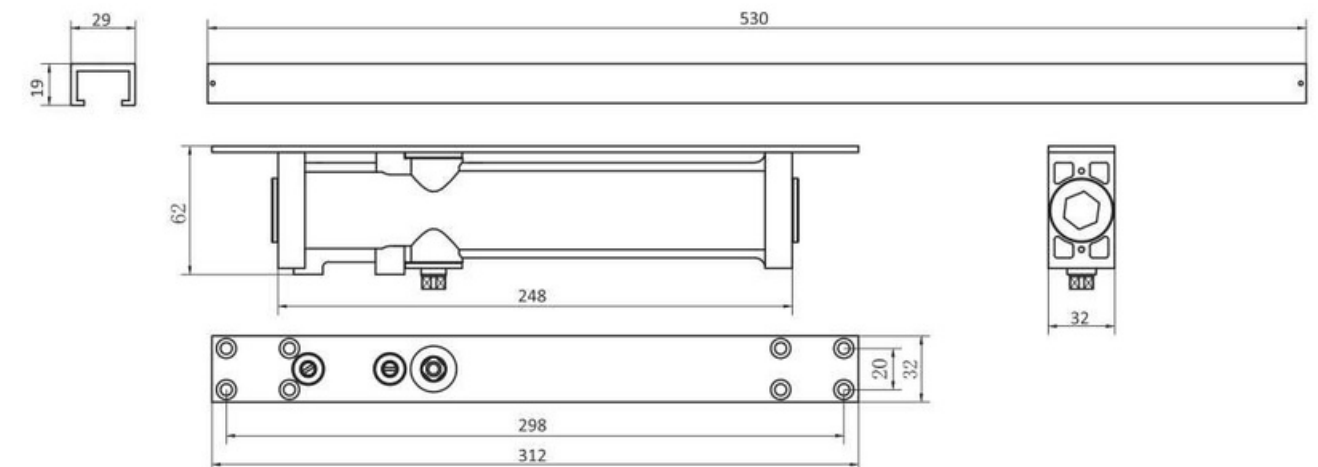
Model:

CL.30

Light Duty Concealed EN3 Door Closers

PRODUCT DIMENSIONS

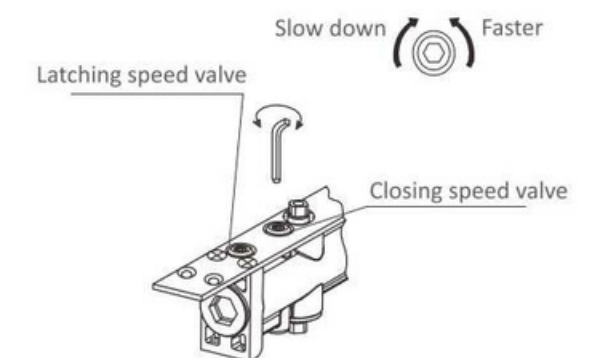
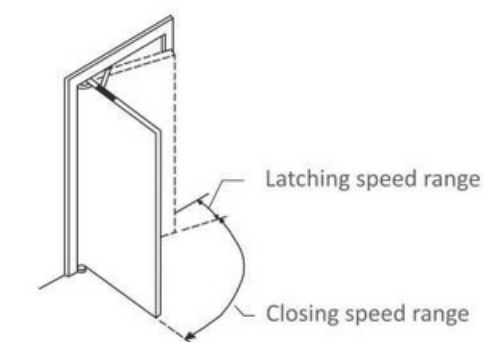
Unit:mm



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

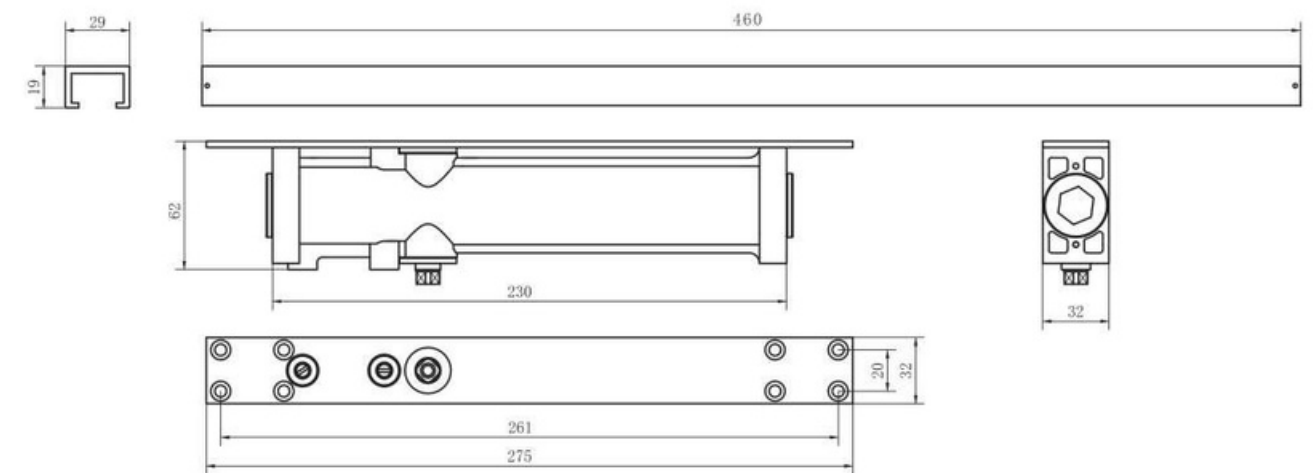
Model:

CL.30S

Light Duty Concealed EN3 Door Closers

PRODUCT DIMENSIONS

Unit:mm



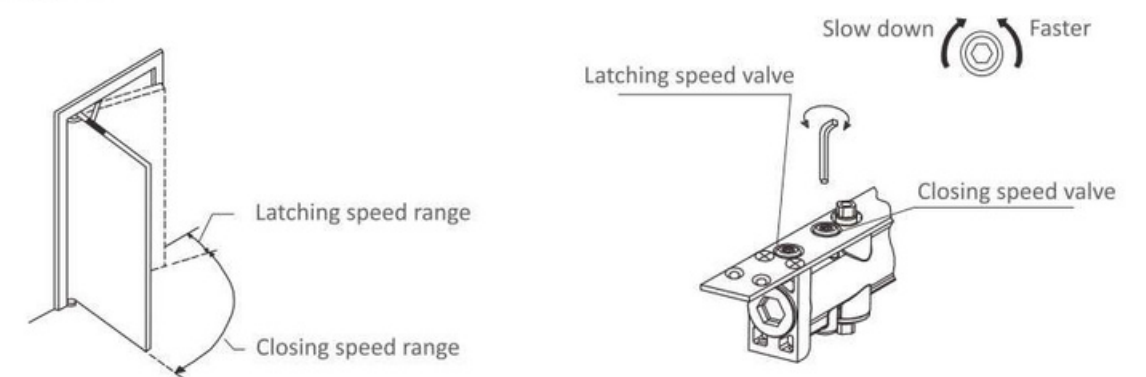
Notes:

- 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

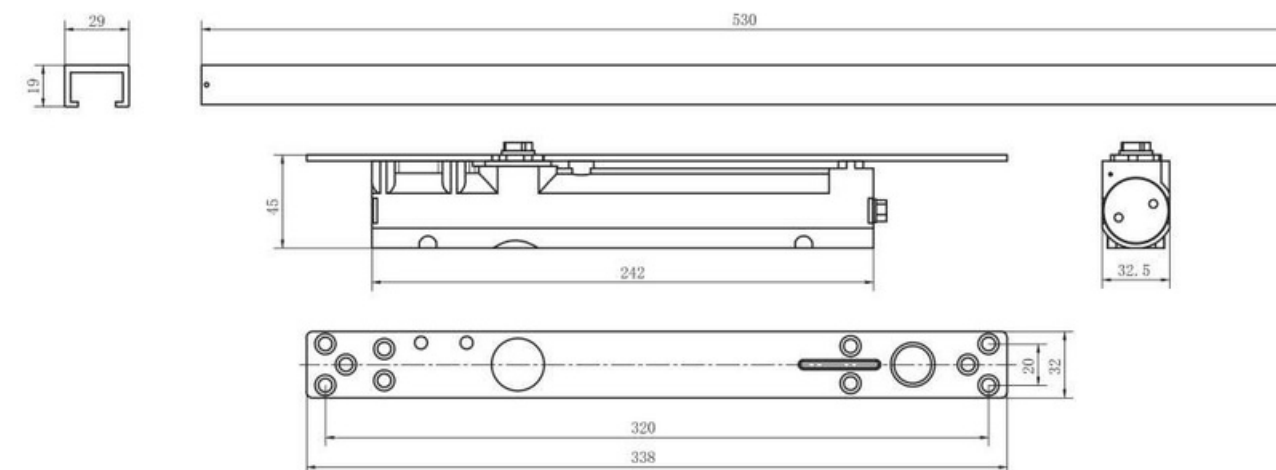


3 Hours Fire-rated

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

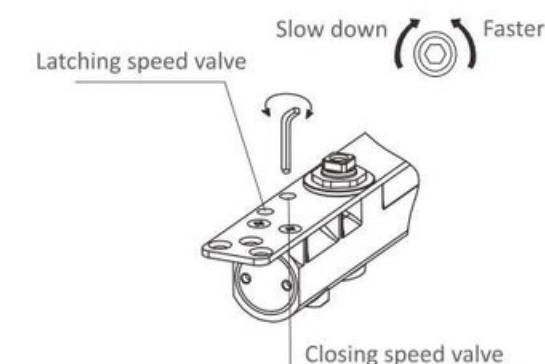
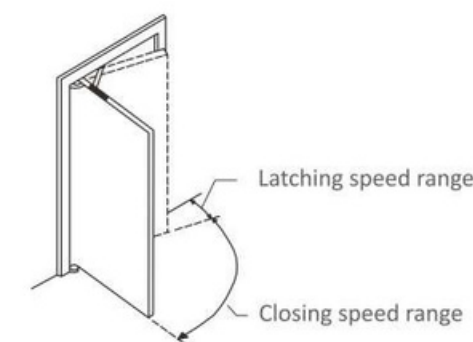


Rapid decrease in opening force makes doors easy to open, yet provides maximum closing force at the latch. D70&D70A can be installed inside the door, invisible when door is closed.

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



Accessibility



100 Thousand Cycles



5 Years Warranty



UL Certification



3 Hours Fire-rated

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

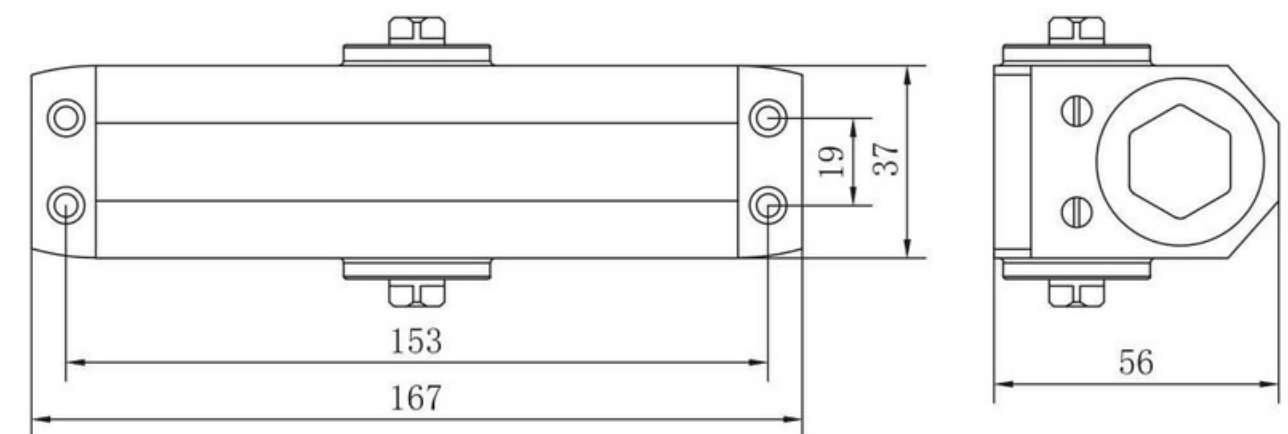
Model:

CL.300S

UL Listed Light Duty Size3 Door Closers

PRODUCT DIMENSIONS

Unit:mm



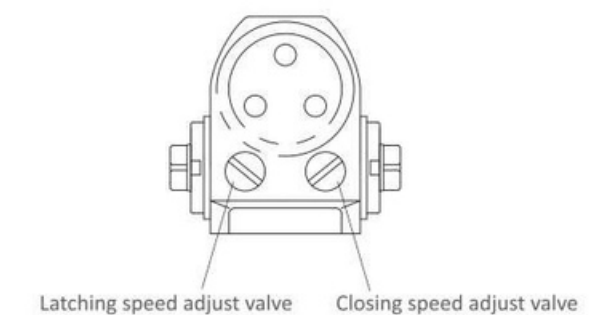
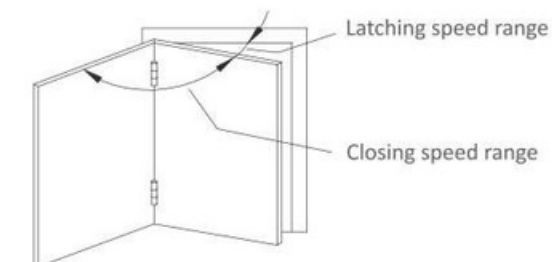
Recommended for, but not limited to interior doors including:
Aftermarket: Office doors, Utility doors, Storage doors.
Storefront: Retail/Outlet malls, Convenience stores, Warehouse doors.

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

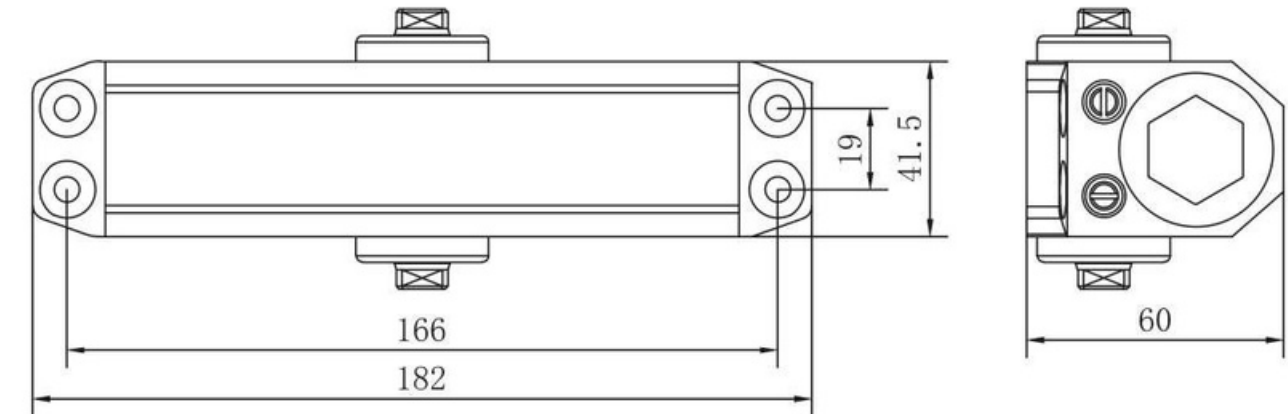
Certification	UL
Spring Power	Fixed EN3
Durability	500,000 cycles above
Speed Valves	Adjustable Closing speed Adjustable Latching speed
Back Check	NO
Hold Open	Optional
Delayed Action	NO
Mechanism Type	Rack&Pinion
Hand of door	Non handed
Materials of Body	Die-cast Aluminum
Installation type	consult P158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

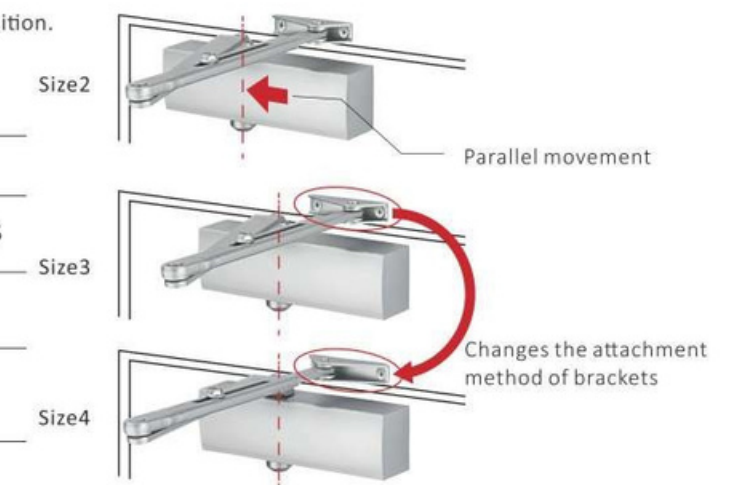


Recommended for, but not limited to interior doors including:
Aftermarket: Office doors, Utility doors, Storage doors.
Storefront: Retail/Outlet malls, Convenience stores, Warehouse doors.

Position variable

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

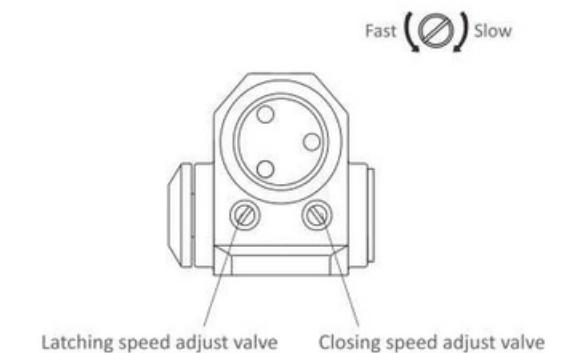
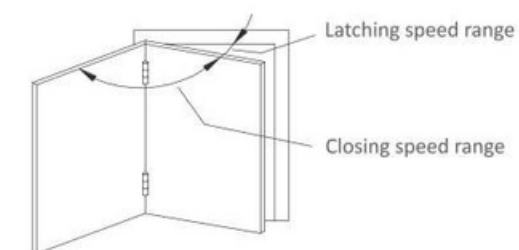
Model:CL.500	Size 2	Size 3	Size 4
Recommended Door Weight	25-45KGS	40-65KGS	60-85KGS
Recommended Max. Door Leaf Width (mm)	850mm	950mm	1100mm
Hold open arm optional	DTWB DT02 DT03	DTWB DT02 DT03	DTWB DT02 DT03



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



Accessibility



100 Thousand Cycles



5 Years Warranty



UL Certification



3 Hours Fire-rated

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

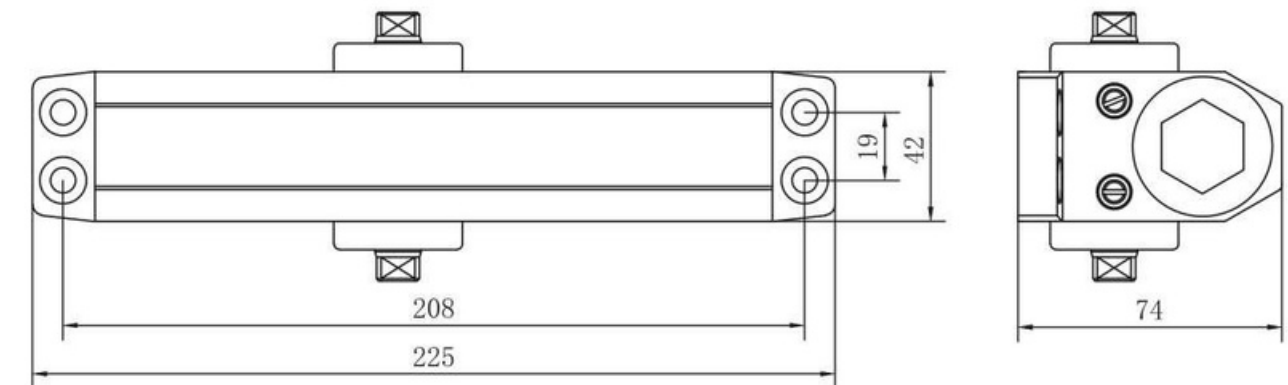
Model:

CL.703&CL.706

Medium Duty EN3/EN6 Overhead Door Closers

PRODUCT DIMENSIONS

Unit:mm

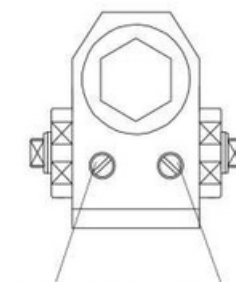
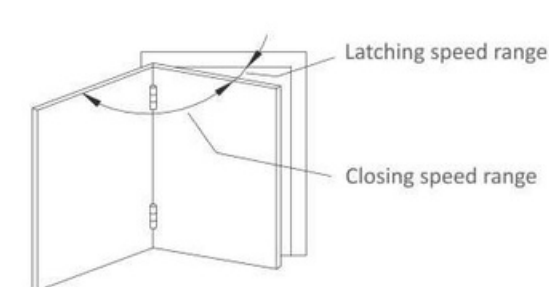


Note

Installation as per template & installation instruction

 Adjusting speed

Fast  Slow



Latching speed adjust valve Closing speed adjust valve

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

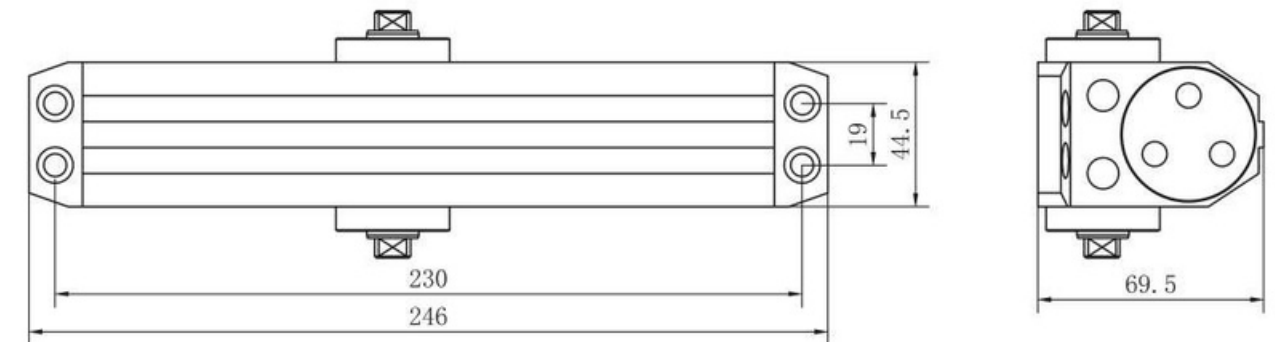
Certification	UL/cUL Listed for up to 3 hours UL10C Positive Pressure Rated
Spring Power	Adjustable spring force #1-6 Fixed spring force#5,#6
Durability	2000,000 cycles above
Valves	Adjustable latching and sweep speed valves Adjustable backcheck valve- Standard Staked valves- Standard
Material	Aluminum 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



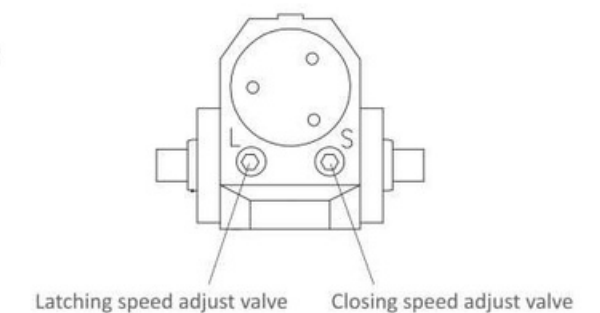
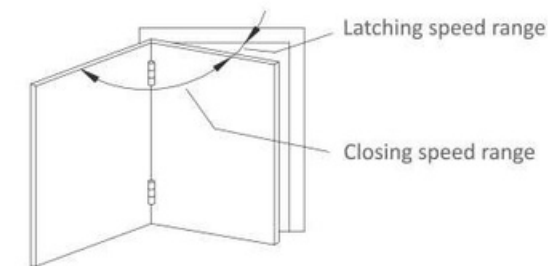
The CL.4000 Series features a single-piece cast aluminum body and a 1-3/8" heat-treated steel piston, a heat-treated pinion and staked valves. The CL.4000 Series standard door closer is UL listed and is backed by a 10-year warranty.

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



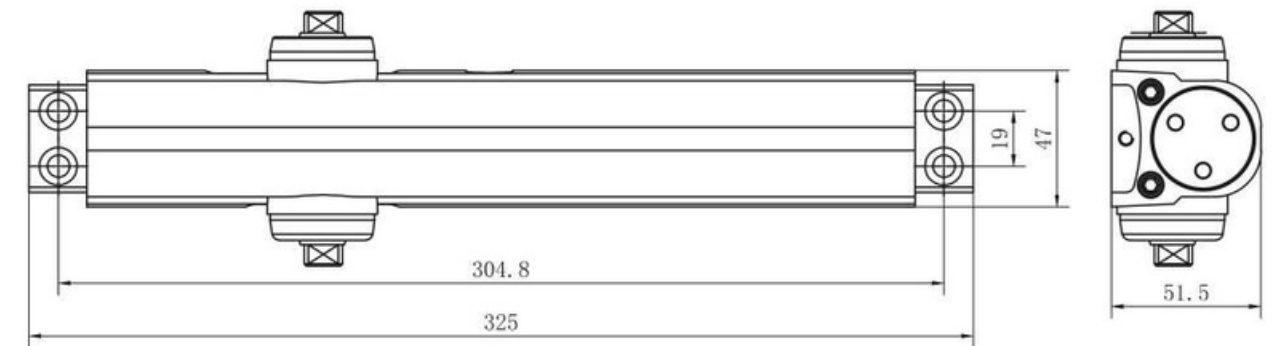
STANDARD FEATURES

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-Roswin DC3210, Dorma 8600, Stanley D3551, Arrow 5016N

PRODUCT DIMENSIONS

Unit:mm

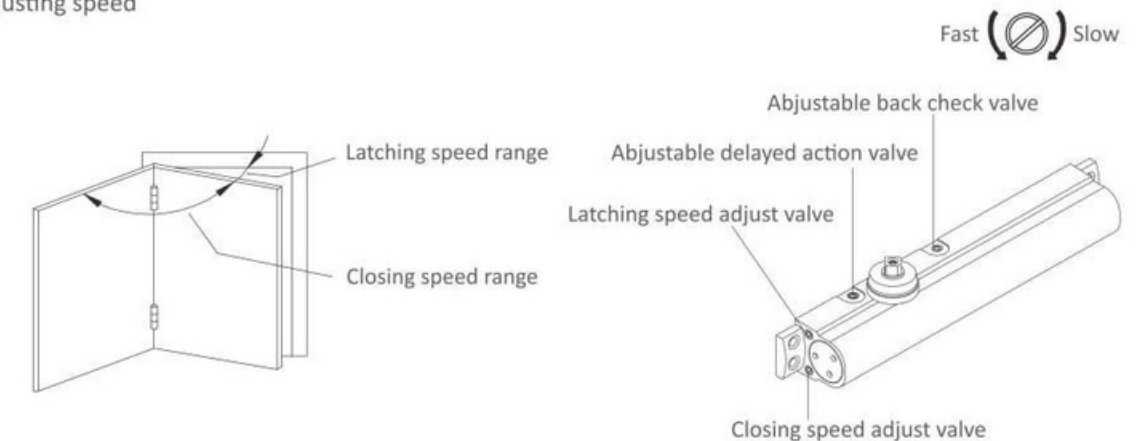


The aesthetically driven design of CL.8000 makes it a top choice for a range of heavy duty applications; aftermarket replacement, aluminum store fronts and new construction.
FITS WHERE YOU NEED IT: The surface mount design and tri pack options, allow you to install this over any high-traffic area while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



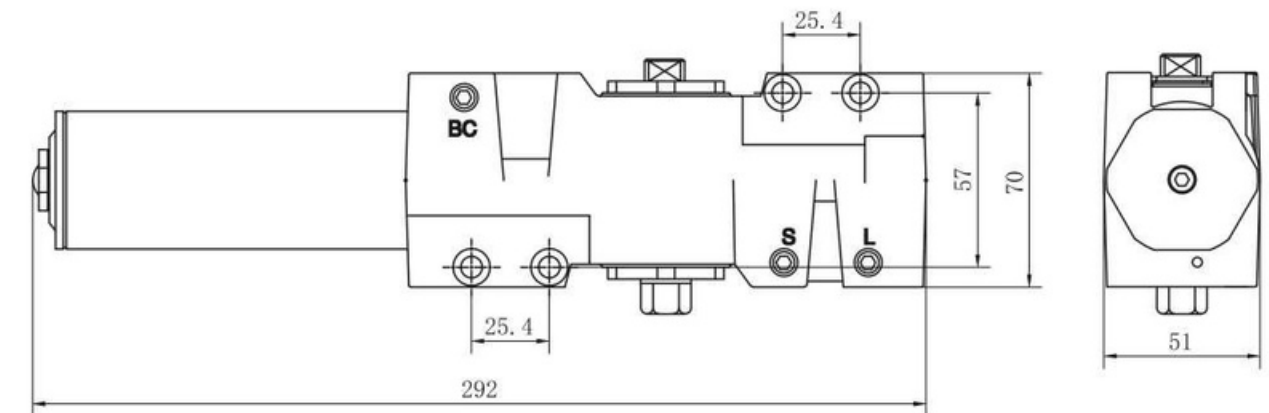
STANDARD FEATURES

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



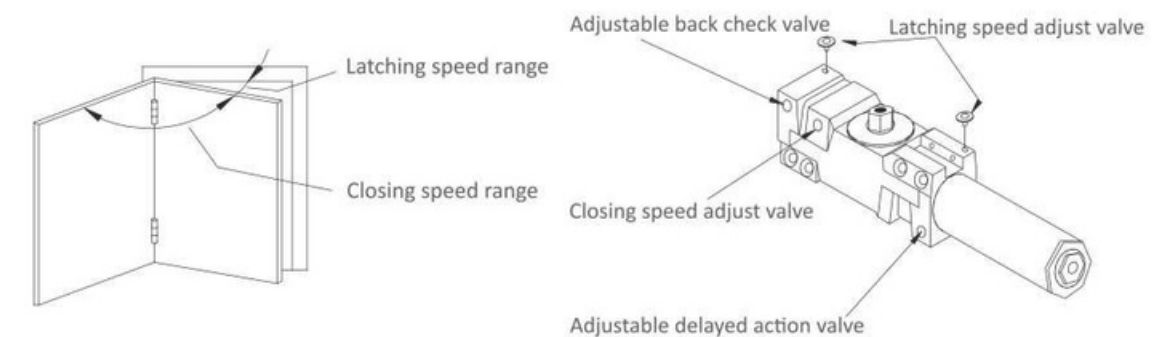
The CL.9000 Series is Dorrenhaus's most durable surface-mounted heavy-duty closer, designed for the most demanding high-use-and-abuse applications. This closer is cUL listed and UL listed for self-closing doors without hold-open and boasts a 10-year limited warranty.

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

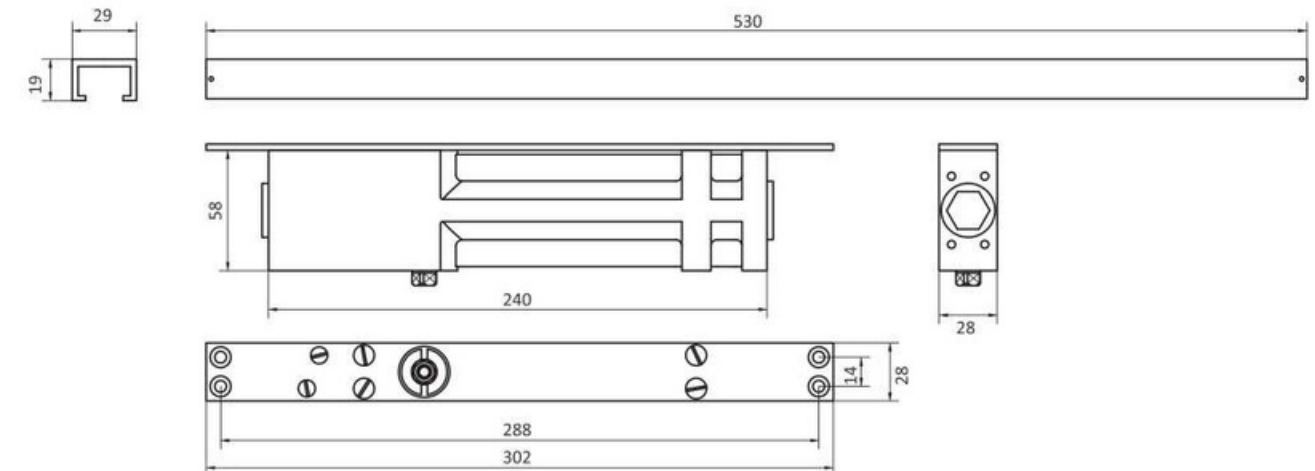
Spring Power	Fixed EN2
Durability	100,000 cycles above
Speed Valves	Adjustable Closing speed Adjustable Latching speed
Back Check	NO
Hold Open	Optional
Delayed Action	NO
Pressure relief valve	Yes
Mechanism	Rack&Pinion
Hand of door	Non handed
Materials of Body	Die-Cast Aluminum
Materials of guide rail 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

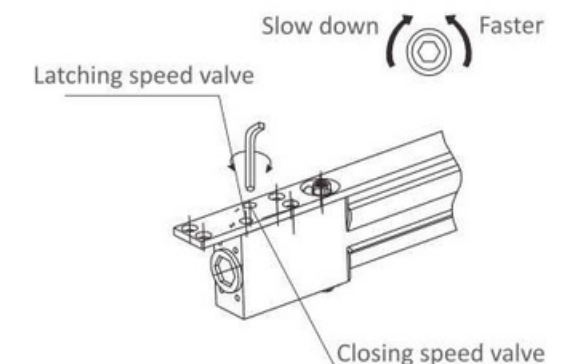
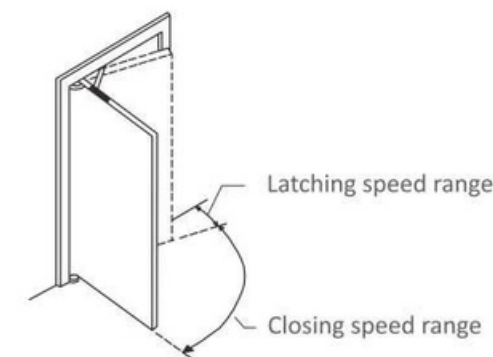
Unit:mm



Note

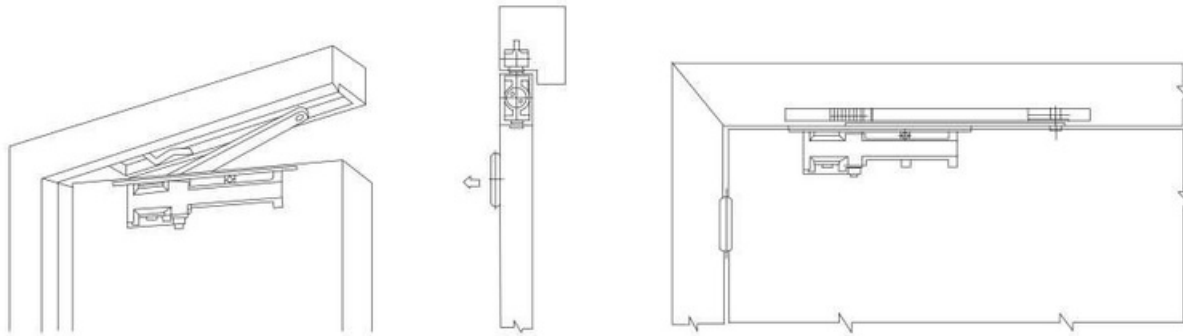
Installation as per template & installation instruction

 Adjusting speed



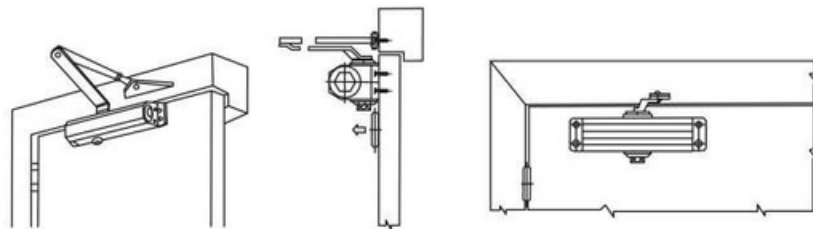
AVAILABLE INSTALLATION TYPE

Standard install

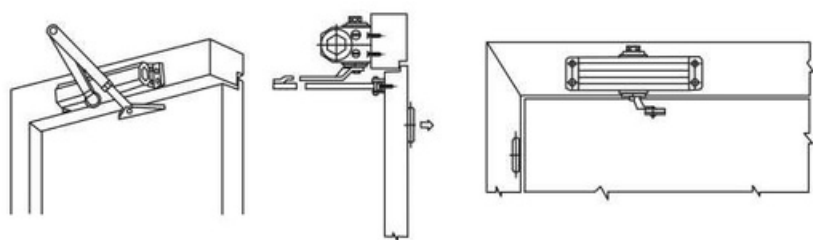


AVAILABLE INSTALLATION TYPE

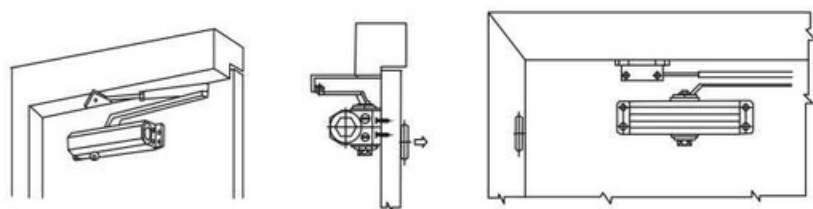
Standard install



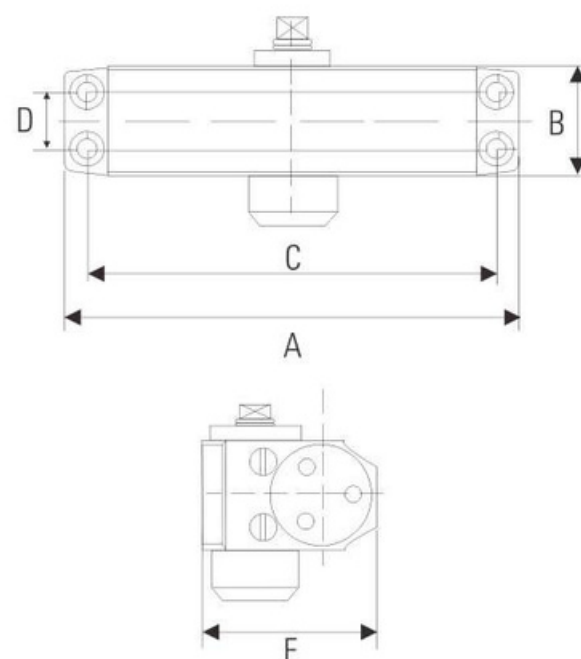
Doorcase insll



Parallel rocking arm pedestal nsll



			
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

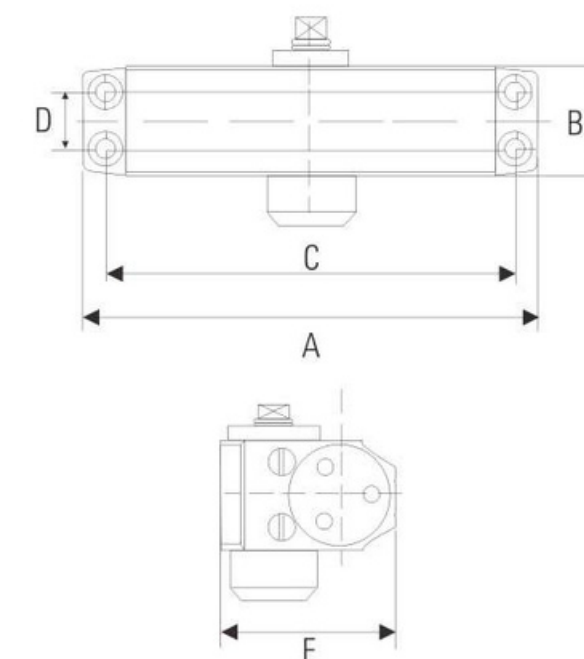
CL.1001 series door closers adopt the alloy aluminium die casting crust body, is provideb with beautiful and lightness appearance, reasonable construction and good performance, belongs to High economical efficiency products. you can install them by vertical or parallel or sliding rail and so on. and 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

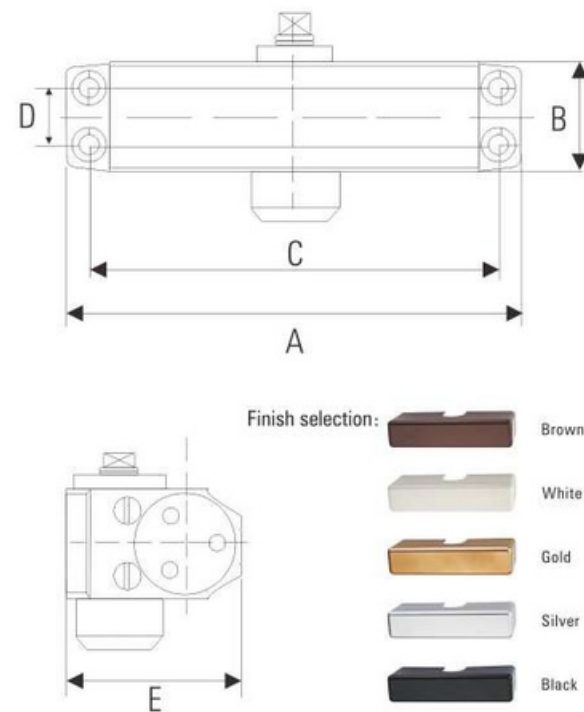
CL.1005 series door closers adopt the alloy aluminium die casting crust body, is provideb with beautiful and lightness appearance, reasonable construction and good performance, belongs to High economical efficiency products. you can install them by vertical or parallel or sliding rail and so on. and 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

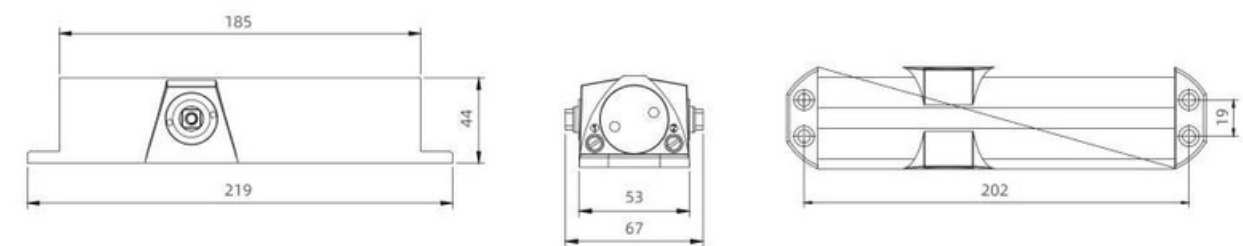


CL.3001-4 SIL

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	202×19mm	No	No	Yes	300000

Product size



Introduction for Performance

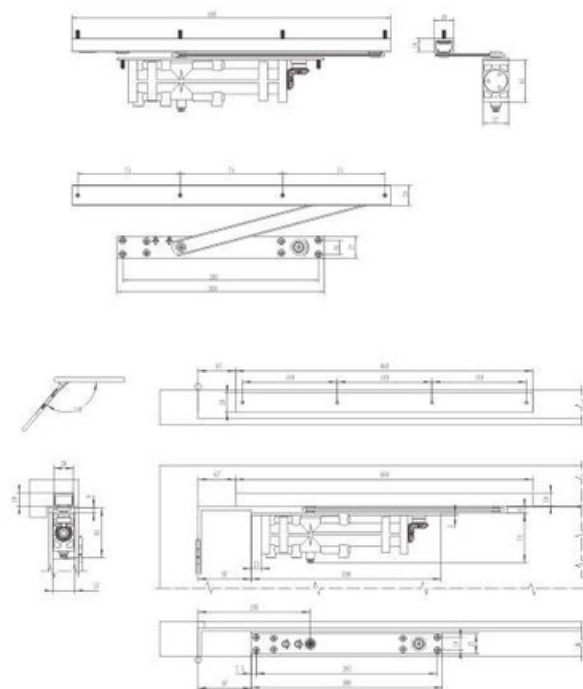
- Closing speed can be adjusted independently.
- Latching speed can be adjusted independently.
- Slide rail has hold open door device and the angle of hold open door can be adjustable anywhere.



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



CL.2022 BLK



CL.2022 SIL



CL.2022 GP

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

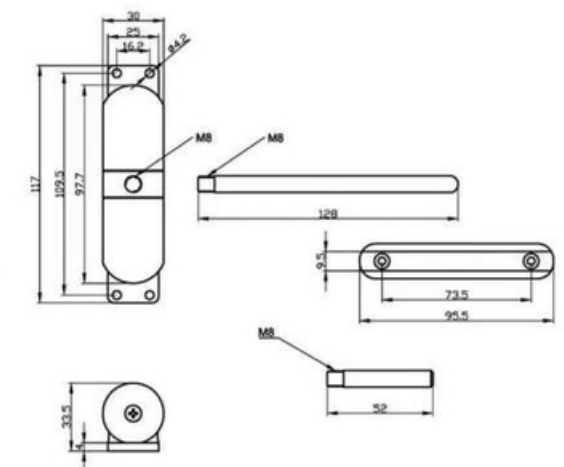
Material: Zinc Alloy

Weight: 380g /set

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

Bear weight: 20-70 KG

The door width: 1 m

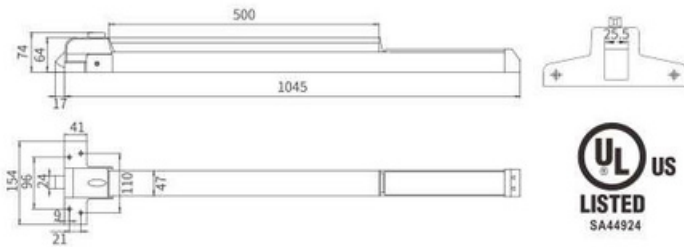


TOUCH BAR ECONOMICAL RIM TYPE PB.1510 SERIES



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 Plastic End Cap

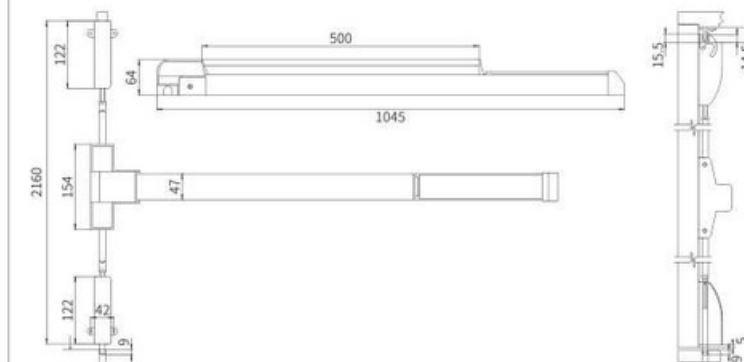
PB.1510S Sus304 End Cap

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



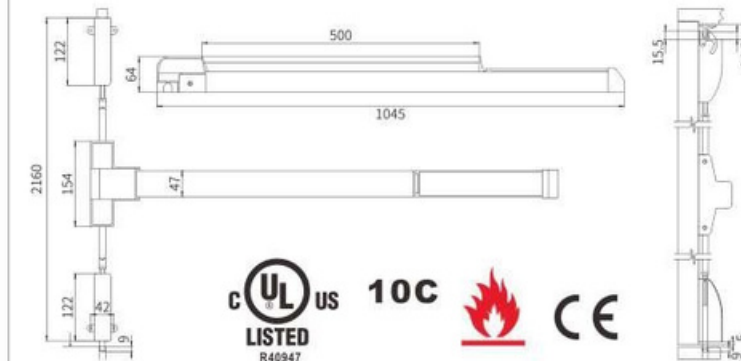
PB.1520P Plastic End Cap

PB.1520S Sus304 End Cap

TOUCH BAR FIRE RATED VERTICAL TYPE PB.1720 SERIES



PB.1720S



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

ACCESSORIES

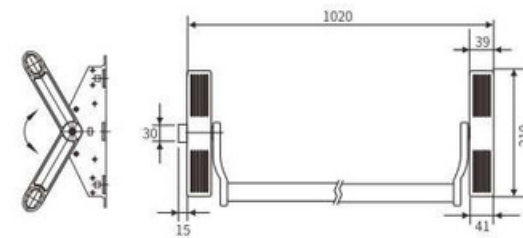


CROSS BAR VERTICAL TYPE PB.1120

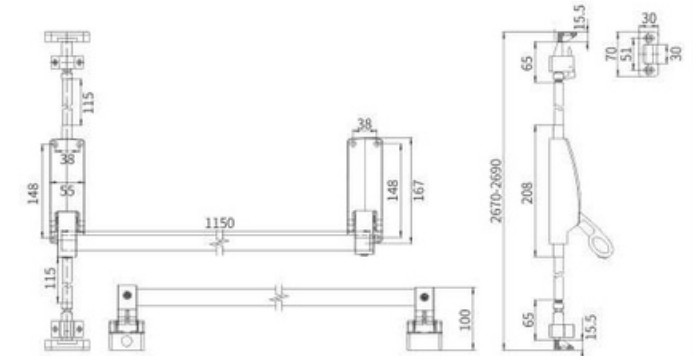


FEATURE

- 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



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



CROSS BAR RIM TYPE PB.3010

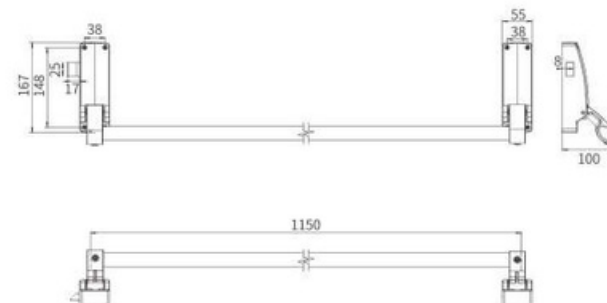


Material: Alu body, Iron tube
Finish: Spray Grey
Tube Length:1150mm
Bolt:Iron
Description:European type, popular on UK, India market.
Work with PB.011LE and PB.011KE outside trim lock

PB.1110



CROSS PAD PB.111P

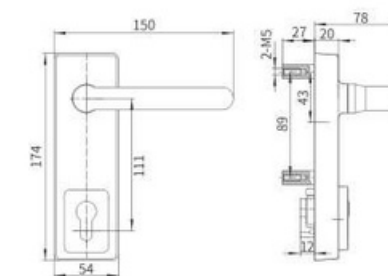


OUTSIDE TRIM LOCK FOR PB.1100 SERIES

PB.011LE LEVER TRIM LOCK



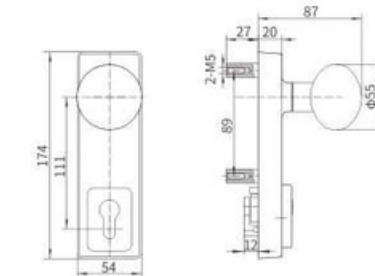
Material: Zinc body, Alu Lever
Cylinder: Brass half-cylinder
Key: 3 brass keys
Finish: Spray Grey
Work with cross bar panic exit device PB.1110 & 1120



PB.011KE KNOB TRIM LOCK



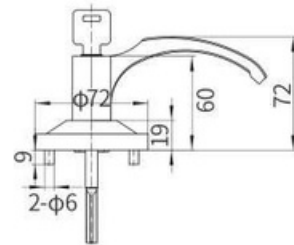
Material: Zinc body, Alu Knob
Cylinder: Brass half-cylinder
Key: 3 brass keys
Finish: Spray Grey
Work with cross bar panic exit device PB.1110





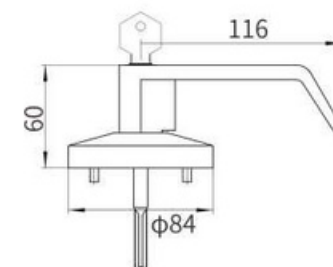
PB.L.7000

Zinc Alloy
Three Computer Brass keys
Brass Cylinder
Finish: SN
Round Panel: 68mm
Max Door Thickness: 55mm
Plate: Square



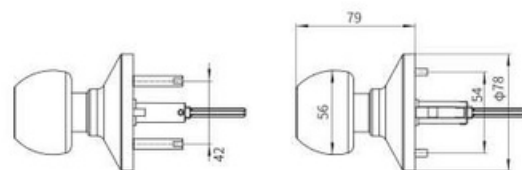
PB.L.8000

StainLess Steel 304 / Zinc Alloy
Three Brass keys
Finish: SS/MSC
Round Panel: 84mm
Max Door Thickness: 55mm
Plate: Round



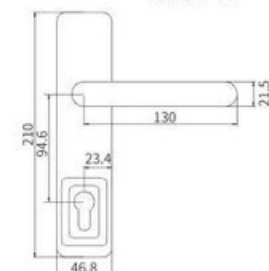
PB.L.5000

StainLess Steel 304
Three SC Brass Keys
SC Brass Cylinder
Finish: SS
Knob Set
Max Door Thickness: 55mm
Clutch Function
Entry Knob



PB.L.9000

Sus 304 body
Sus304 Lever
Cylinder Size: 40mm
Brass Cylinder
Three Brass Keys
Max Door Thickness: 75mm
Finish: SS



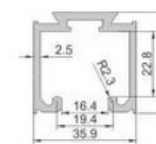
YMG.003

Product Features:

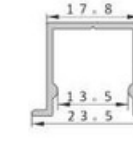
The use of hydraulic dampers Double-side cushioning effect is good; concave wheel anti-swing, automatic dust removal, easy to push and pull; quick-disassembly structure, fast and easy repair.

Technical Summary:

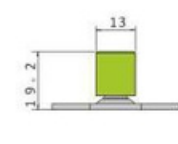
Main Material: Deep groove ball bearing, Zinc (aluminum) alloy, Steel
Finish: Pearl Chrome
Types of: Wood door
Weight Capacity: 80kg S/Door
Packing: Paper Box Packed, 20 Sets/ Carton



Sling rail
(H-042)



Bottom rail
(H-016)



Bottom rail
(D-X05)



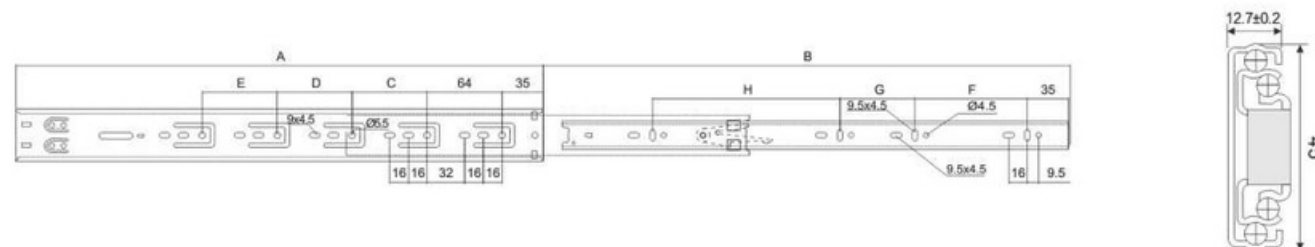


TX.451202.RT

Width: 45mm
Material: cold-rolled steel
Length: 300-600mm (12"-24")
Thickness: 12.7±0.2mm
Maximum load: 30kg- 45kg
The installed forms: drawer side
Surface treatment: electrophoresis black, electro-galvanized
Soope: Cabinet/Home furniture/Office furniture/Decoration project etc

Thickness Range .

NO	Material thickness
1	1.1x1.2x1.4mm
2	1.0x1.0x1.2mm



SIZE	A	B	C	D	E	F	G	H
LS4502-300	300	290				96	120	
LS4502-350	350	350	64			128	128	
LS4502-400	400	400	96			128	160	
LS4502-450	450	450	96	64		96	64	160
LS4502-500	500	500	96	96		128	64	192
LS4502-550	550	550	96	196	64	160	64	224
LS4502-600	600	600	96	196	96	160	64	256

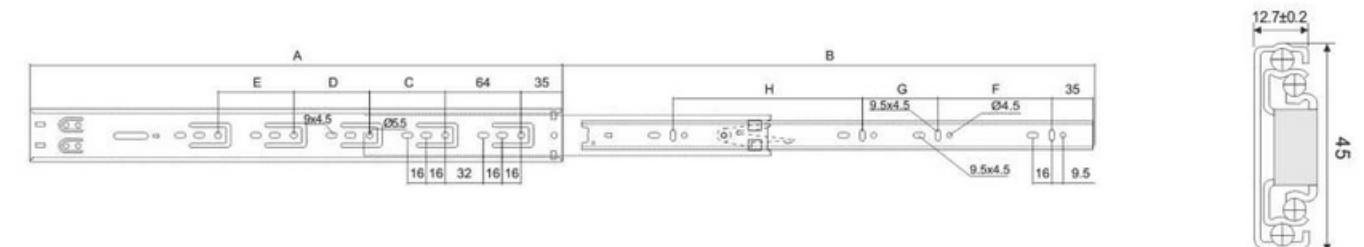


TX.451201.BF

Width: 45mm
Material: cold-rolled steel
Length: 300-600mm (12"-24")
Thickness: 12.7±0.2mm
Maximum load: 30kg- 45kg
The installed forms: drawer side
Surface treatment: electrophoresis black, electro-galvanized
Soope: Cabinet/Home furniture/Office furniture/Decoration project etc

Thickness Range .

NO	Material thickness
1	1.1x1.2x1.4mm
2	1.0x1.0x1.2mm



SIZE	A	B	C	D	E	F	G	H
LS4502-300	300	290				96	120	
LS4502-350	350	350	64			128	128	
LS4502-400	400	400	96			128	160	
LS4502-450	450	450	96	64		96	64	160
LS4502-500	500	500	96	96		128	64	192
LS4502-550	550	550	96	196	64	160	64	224
LS4502-600	600	600	96	196	96	160	64	256



HG.F.T002.A



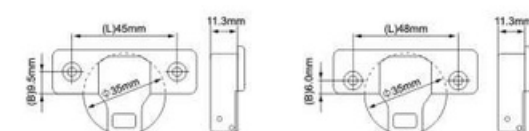
HG.F.T002.B



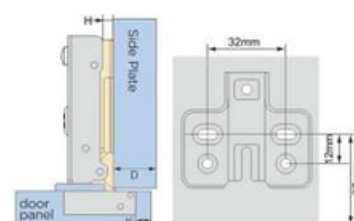
HG.F.T002.C



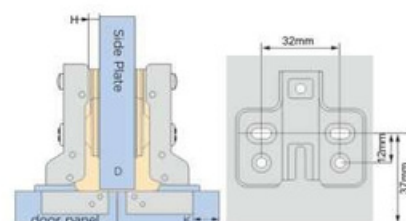
Diameter of hinge cup: 35mm
Material: cold-rolled steel
Hole distance of hinge cup: 48mm/45mm
Depth of hinge cup: 11.3mm
Opening angle: 100-110°
Finish: electrolysis
Door thickness: 14-18mm



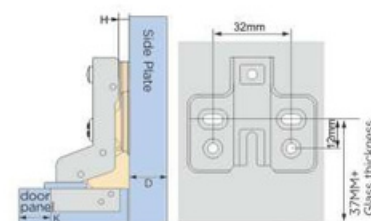
H=Height of mounting plate
K=Drilling distance from the edge of door to edge of the hole
D=Required door overlay
A=Gap between door and side panel
L=Gap between door and carcass
T=Door thickness



D	K	3	4	5	6	7
H=0	16	17	18	19	20	
H=3	13	14	15	16	17	



D	K	3	4	5	6	7
H=0	7	8	9	10	11	
H=3	4	5	6	7	8	

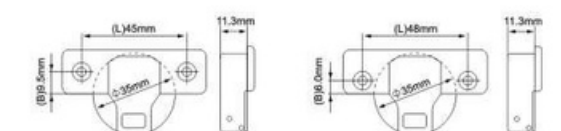


D	K	3	4	5	6	7
H=0	-2.5	-1.5	-0.5	0.5	1.5	
H=3						

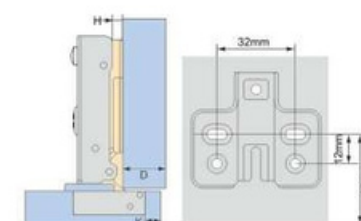


HG.F.T003.A

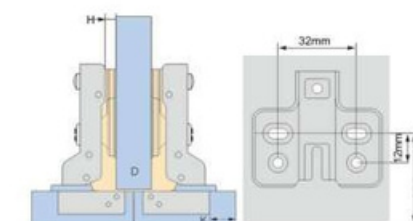
Diameter of hinge cup: 35mm
Material: cold-rolled steel
Hole distance of hinge cup: 48mm/45mm
Depth of hinge cup: 11.3mm
Opening angle: 100-110°
Finish: electrolysis
Door thickness: 14-18mm



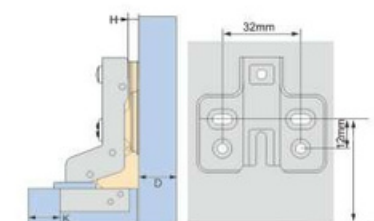
H=Height of mounting plate
K=Drilling distance from the edge of door to edge of the hole
D=Required door overlay
A=Gap between door and side panel
L=Gap between door and carcass
T=Door thickness



D	K	3	4	5	6	7
H=0	16	17	18	19	20	
H=3	13	14	15	16	17	



D	K	3	4	5	6	7
H=0	7	8	9	10	11	
H=3	4	5	6	7	8	



D	K	3	4	5	6	7
H=0	-2.5	-1.5	-0.5	0.5	1.5	
H=3						

YMG.010



Part Configuration Chart

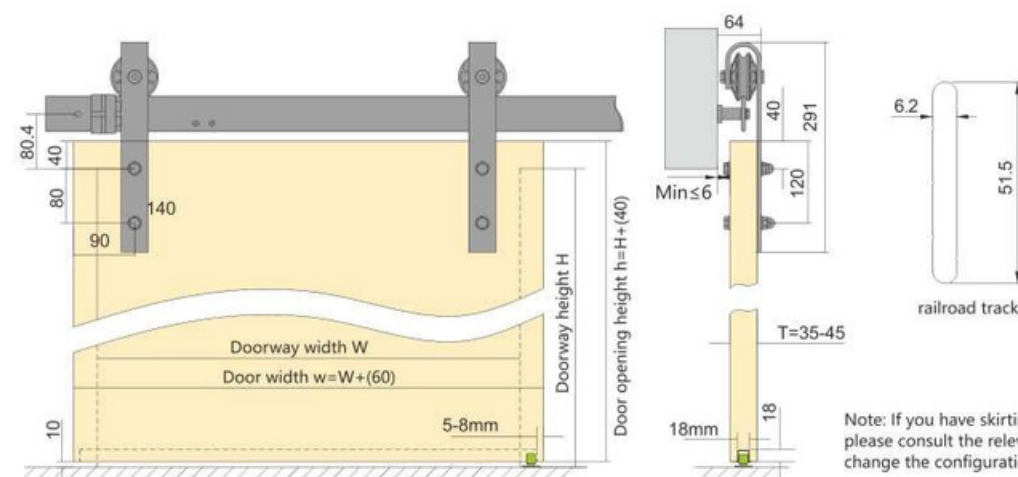
Suitable for doorway width		≤0.7m	≤0.85m	≤1.25m	≤1.45m
Accessory Name	3D picture reference	1.5m Single door usage	2.0m Single door usage	2.5m Single door usage	3.0m Single door usage
tackle		2	2	2	2
railroad track 1		1	1	1	1
railroad track 2		1	1	1	1
Fixed seat (optional)	 L=35mm L=45mm	4	5	6	8
anti-jumping device		2	2	2	2
limit switch		2	2	2	2
shock absorbers		2	2	2	2
Damping stops		2	2	2	2
lower locating wheel		1	1	1	1
Rail end caps		2	2	2	2
Kits (sets)		1	1	1	1
Patented adjustable lower guide wheel	 optional	1	1	1	1
gaskets	 T=2.5mm T=5mm	4	5	6	8

Product Features:
Aluminum alloy round track and concave wheel structure, smooth sliding, ultra-quiet; hydraulic damper, cushioning effect is remarkable, feel light, stable; adjustable under the positioning, convenient installation debugging and maintenance; multi-combination, modular process, easy to install and wide range of applications.

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Technical Summary:
Main Material: Deep groove ball bearing, Steel, Nylon
Finish: Oxidized black
Types of: Wood door
Door thickness: 35mm-40mm
Weight Capacity: 80kg
Packing: Paper Box Packed

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Note: If you have skirting or door casing, please consult the relevant personnel to change the configuration.



San Marino



Locations

Barwa Village-Shop 37, Building 8, Doha-Qatar  Al Qusais Ind3, Store No.10, Dubai, U.A.E

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