

KIWI

ARCHITECTURAL HARDWARE

KIWI Pivot Door System

SYSTEM 17

www.kiwihardware.com



Discover our premium range of pivot door hinges, expertly engineered by KIWI Architectural Hardware Inc. to support doors of virtually any size and weight — up to 600 kg — without compromising performance or design.

The system is fully concealed within the door, preserving clean architectural lines and delivering a seamless, minimalist appearance. Discreet floor and ceiling pin supports are secured with compact plates that remain practically invisible once installed.

Designed with installers and designers in mind, the hinges allow quick installation and precise axial alignment using the supplied slim adjustment keys. The result is smooth, effortless movement and long-term reliability, making them ideal for high-end doors manufactured from wood, metal, or glass.

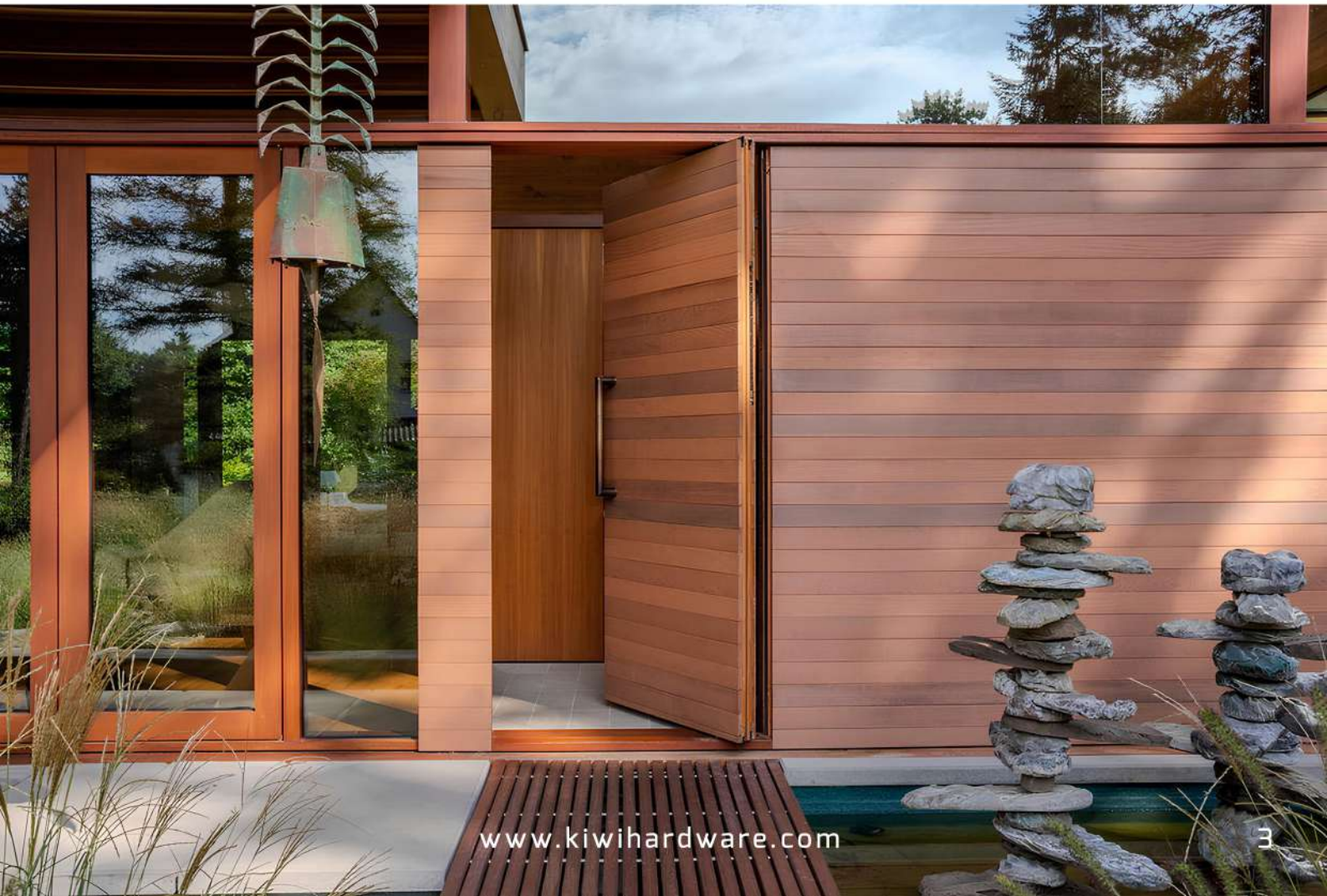
All configurations share a refined upper component, while multiple lower component options are available to suit different performance requirements and project specifications.

ADVANTAGES of SYSTEM 17

› System 17 allows perpendicularity and alignment adjustments to be carried out while the door remains in the closed position. The adjustment screws are always accessible using the supplied key, regardless of the hinge's distance from the door frame, ensuring convenient and precise calibration during installation.

› The hinge recess machining remains identical irrespective of its position from the frame, and the vertical edges of the door remain free from holes or grooves, preserving a clean aesthetic finish.

› Adjustment with the door closed eliminates the risk of damage — particularly with large and heavy doors — that can occur when opening the door to reach adjustment points typically located within edge grooves. This ensures safer installation, protects flooring surfaces, and maintains the integrity of the door.



CONTENTS

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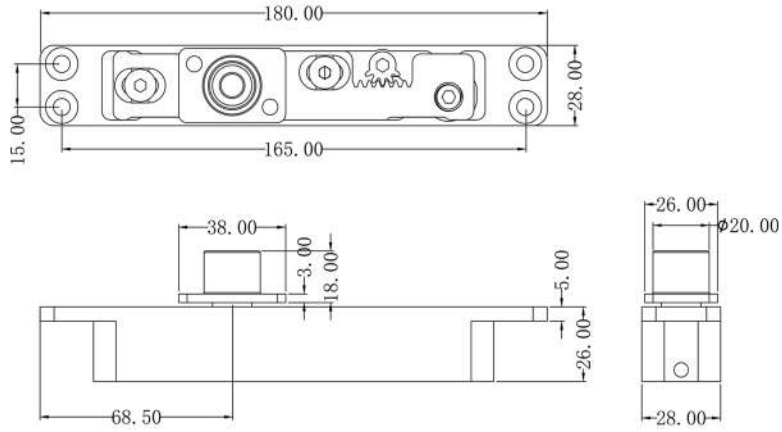
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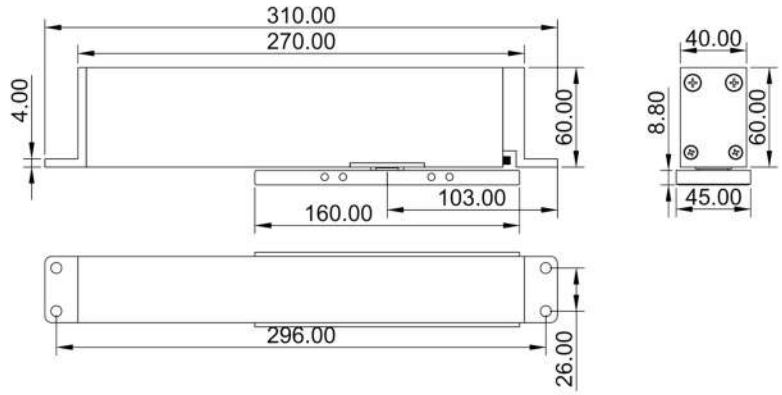
TOP PIVOT





DOOR CLOSER



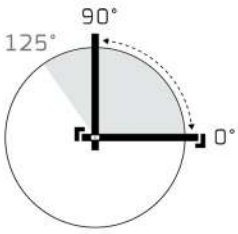


SPECIFICATION

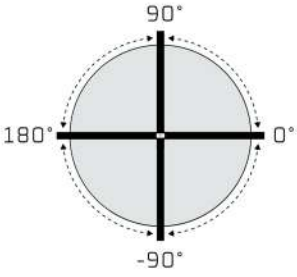
ARTICLE NUMBER	KIWI17.400.13.AAC
MATERIAL	Stainless Steel 304 finish, Steel main body
BI-DIRECTIONAL OPENING & CLOSING	YES
MAXIMUM DOOR WIDTH FROM AXIS	≤1350 mm
MINIMUM DOOR THICKNESS	≥60 mm
MAXIMUM LOAD CAPACITY	400 Kgs
MAXIMUM OPENING ANGLE	360°
90° ASSISTED POSITIONING	YES
CLOSING SPEED CONTORLLED WITH DUAL REGULATING VALVES	YES
CLOSING TORQUE	EN6
SINGLE ACTING / DOUBLE ACTING	DOUBLE ACTING

FUNCTIONS

ROTATION

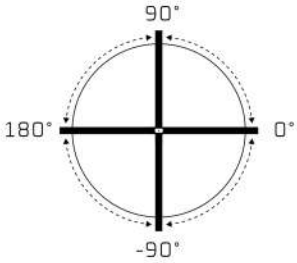


Single Acting
The pivot door can only be opened towards a single side, enforced by an external stop such as the door frame. The grey area in the diagram inducates the zone (from 125° to 0°) where the door self-closes towards the closed position.



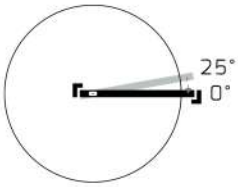
Double Acting
The pivot door can be opened towards both sides. The grey area in the diagram indicates the zone (from 180° to -180°) where the door self-closes towards the closed position.

HOLD POSITIONS

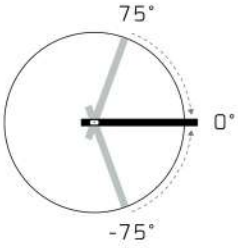


Soft fix at 90°, -90°, & 180°
The hold positions offer light resistance to help keep the pivot door in place.

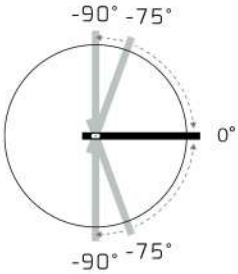
MOVEMENT



Latch Control
Accelerates the door shortly before closed position to ensure proper latching.

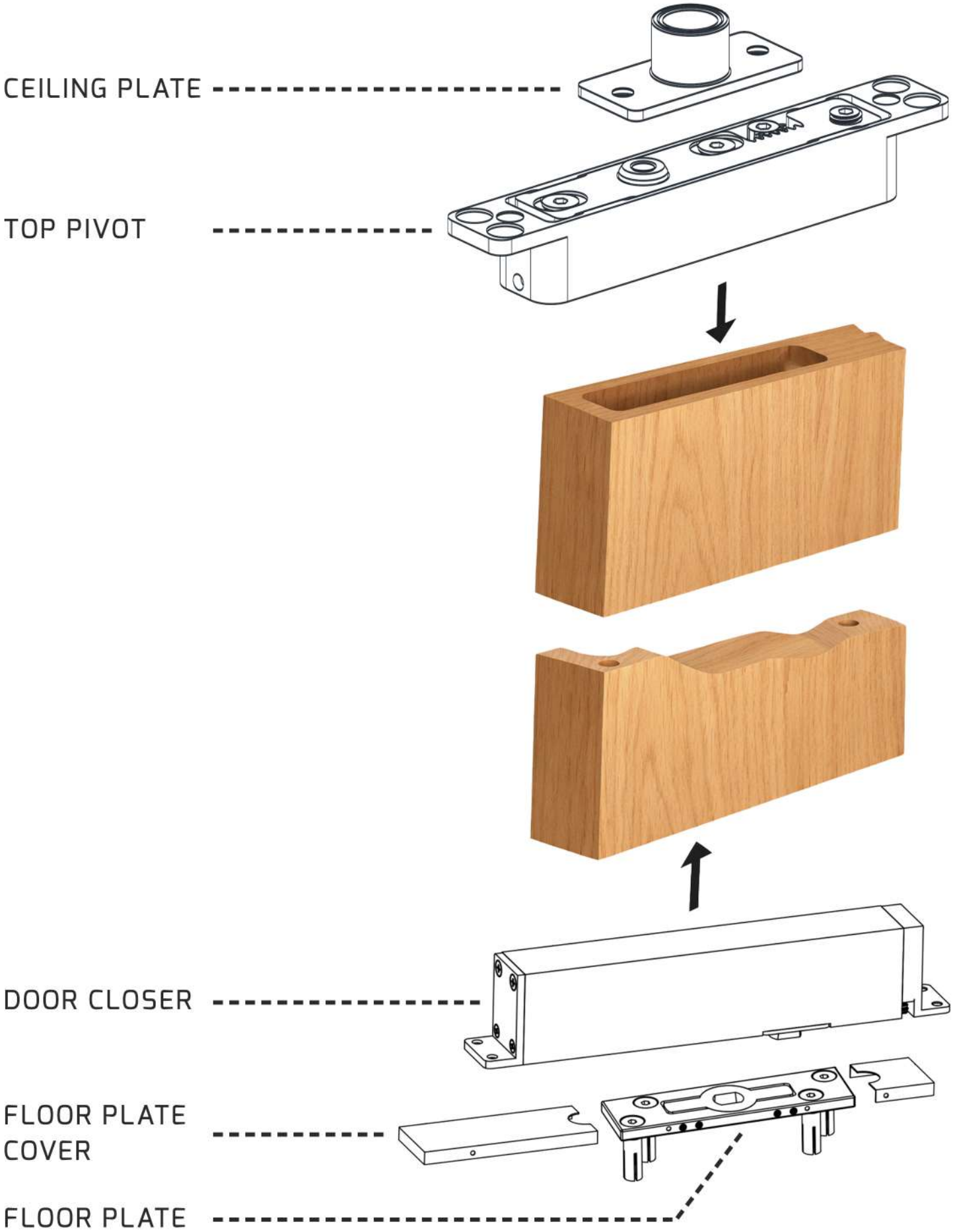


75° Speed Control
Ensures the door always closes gently, returning to its 0° position smoothly after opening for a smooth closing movement.

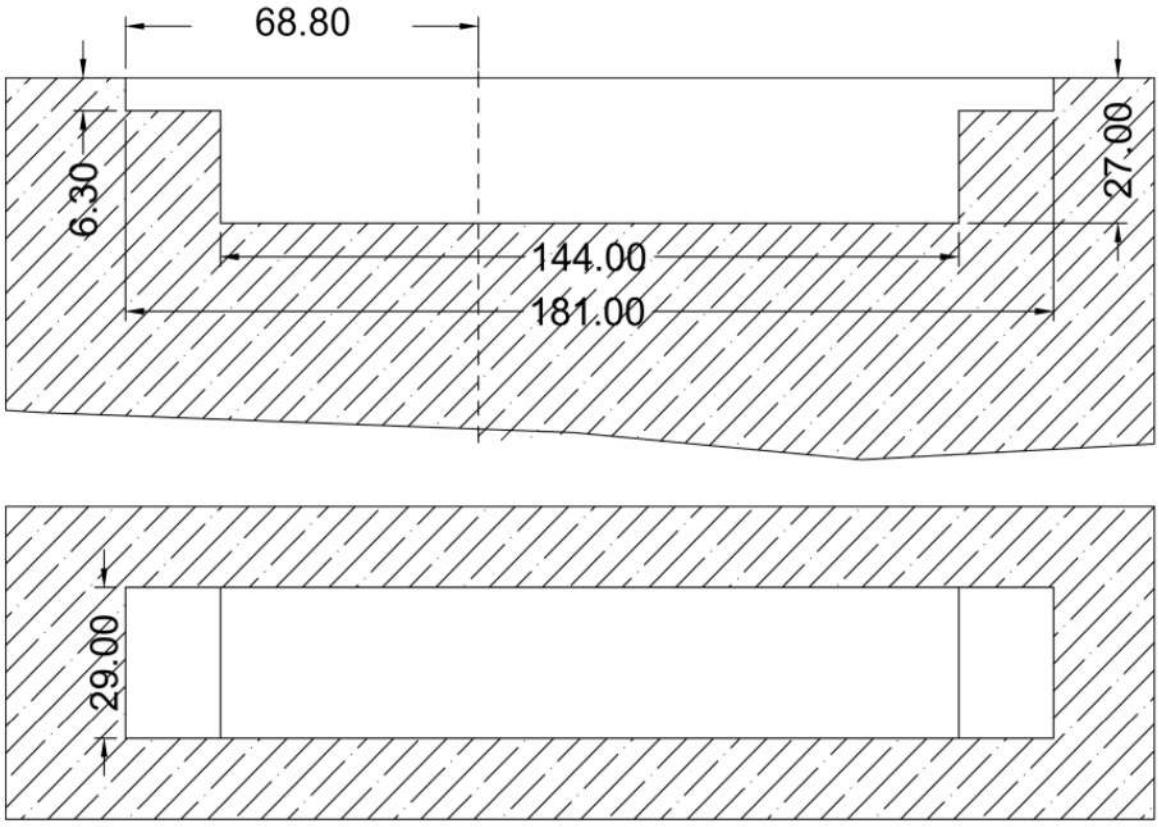


Damper Control
Hydraulic back-check (opening damping) for wall-protection and soft-close for a smooth closing movement.

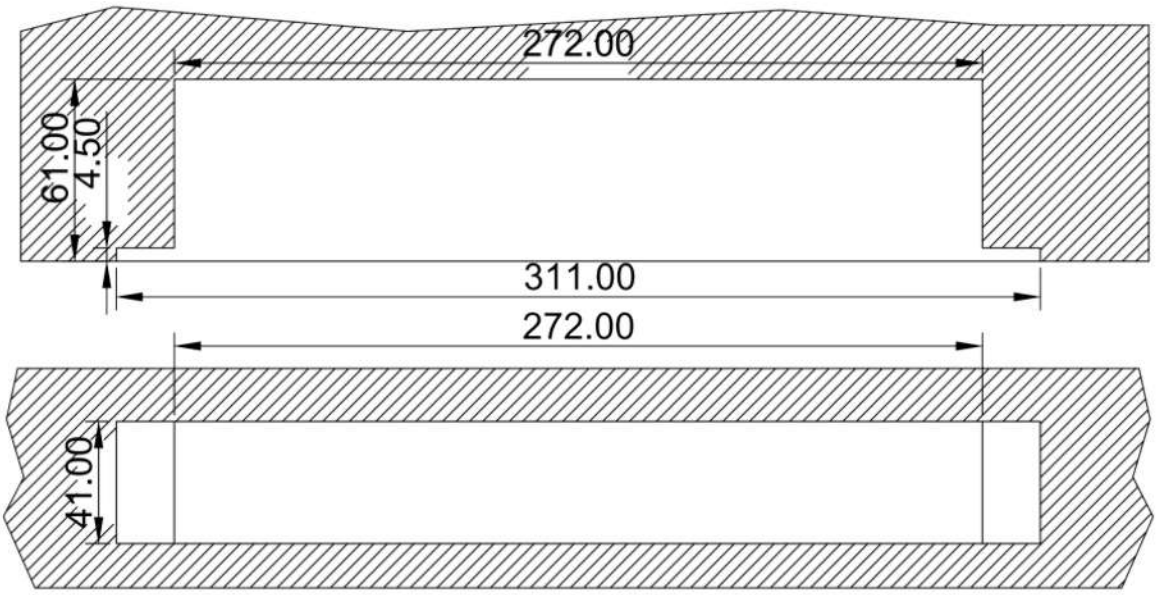
COMPONENTS


CEILING PLATE
TOP PIVOT
DOOR CLOSER
FLOOR PLATE COVER
FLOOR PLATE

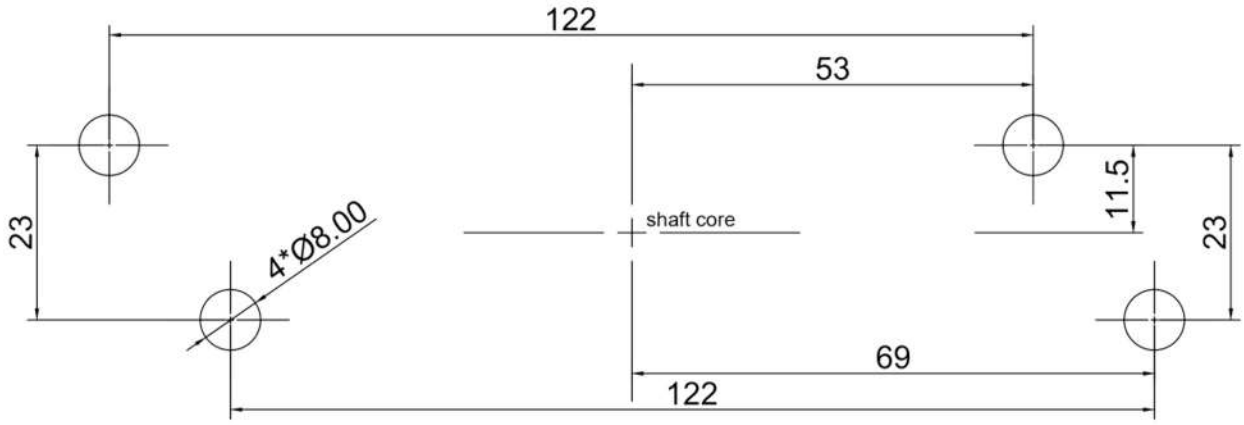
TOP PIVOT



DOOR CLOSER



FLOOR PLATE TEMPLATE



TOP PIVOT INSTALLATION OPTIONS

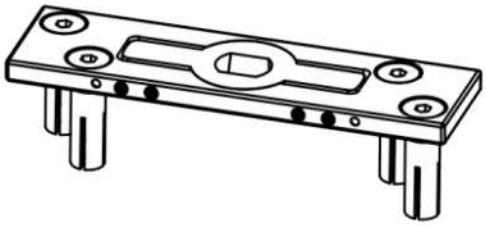
TOP PIVOT CONCEALED IN DOOR



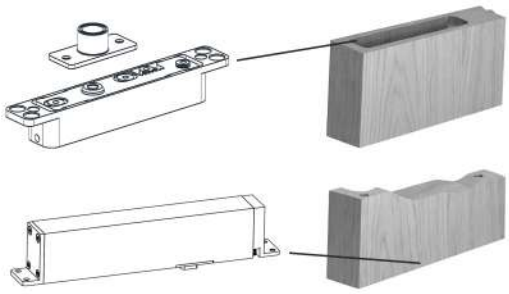
TOP PIVOT CONCEALED IN DOOR FRAME



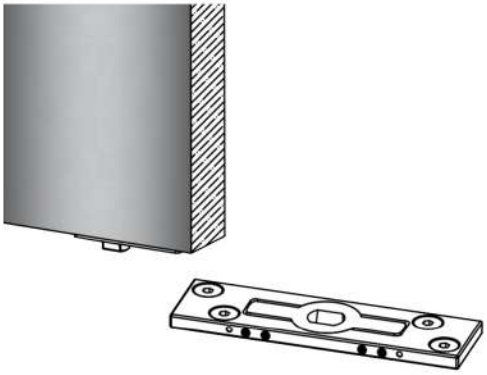
INSTALLATION



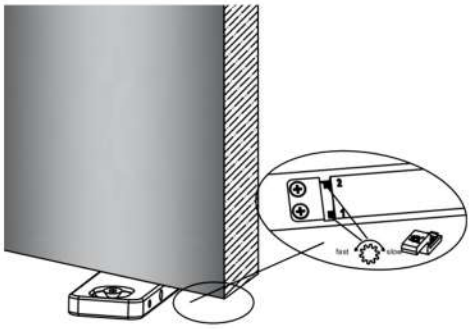
1. Determine the installation position, use an infrared instrument to draw lines and drill holes. Ensure that the base screws are tightly locked. Drill holes in the door leaf according to the milling drawing and the actual product, and recheck whether the left-right and top-bottom gaps between the door and the door frame are sufficient for the installation position.



2. Mount the door closer and the top pivot to the door leaf, and fix the ceiling plate to the door frame. Raise the top pivot core. Use a wrench to rotate the shaft of the hydraulic door closer by 90 degrees, so that it reaches a 90 degree door-opening state (for door-opening installation)



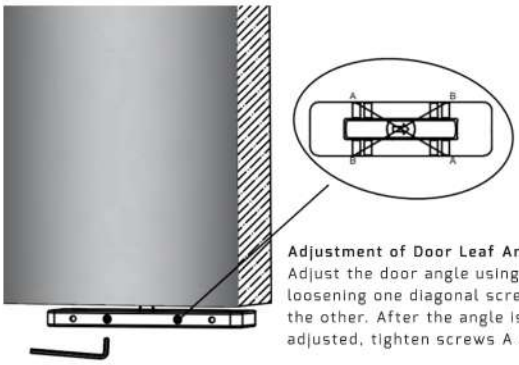
3. Prop up the door leaf with a spacer block, tilt the door leaf slightly, align the rotating shaft with the base, and then snap the rotating shaft into place. After straightening the door leaf, use a hex wrench to lock the top pivot into the ceiling plate (ensure that at least 10mm or more of the top pivot core is engaged with the ceiling plate).



4. Open and close the door to check the hydraulic buffer closing speed. Refer to the speed adjustment huidelines and adjust to the most suitable closing speed for the current application scenario.



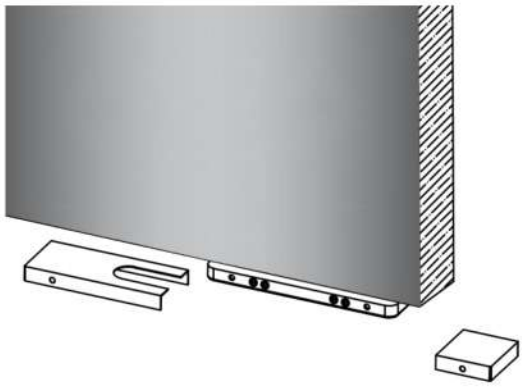
Distinguish the speed - adjusting the positions of first and second regulating valve
a) Take the position of the rotating shaft as the reference point.
b) Identify the regulating valves as shown in the left diagram
c) The default speed is set to 6-8 seconds. If speed adjustment is required, it is recommended to adjust by two teeth each time as a reference, until the desired speed is acheived.



Adjustment of Door Leaf Angle:
Adjust the door angle using the principle of loosening one diagonal screw and tightening the other. After the angle is properly adjusted, tighten screws A and B uniformly.

5. Depending on the door leaf's return-to-zero position, adjust the return-to-zero angle of the door leaf accordingly. Ensure the door leaf is in a horizontal state or a state that meets the requirements of the installation senario.

Left-Right Adjustment of Door Leaf:
Loosen the burst screws, then the base can be adjusted left/right. After adjusting to acheive the effect of even gaps at the top and bottom, tighten all screws uniformly.

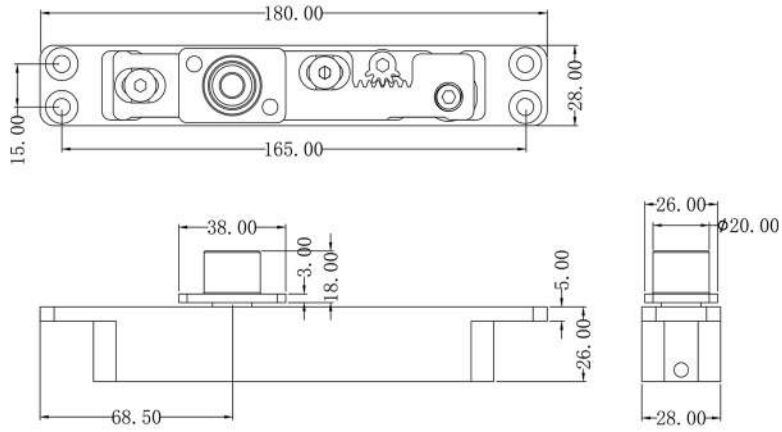


6. Open and close the door leaf multiple times to check for abnormalities, then inspect the tightness of the screws. After ensuring safety, fasten the Floor Plate Cover. Installation is complete!!



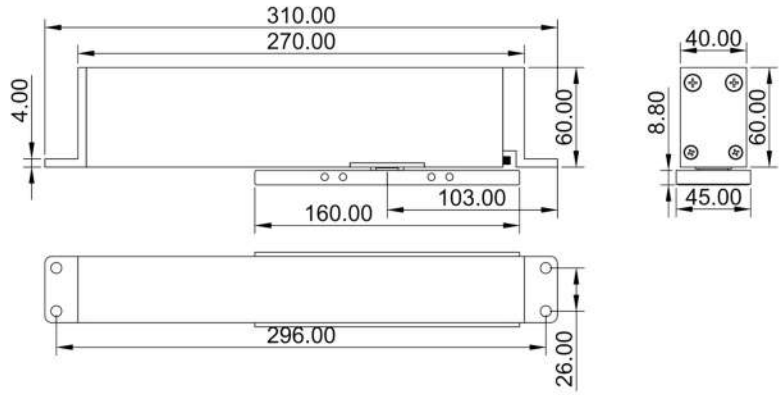
TOP PIVOT





DOOR CLOSER



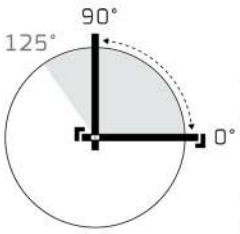


SPECIFICATION

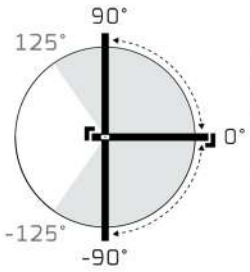
ARTICLE NUMBER	KIWI17.200.14.BBC
MATERIAL	Stainless Steel 304 finish, Steel main body
BI-DIRECTIONAL OPENING & CLOSING	YES
MAXIMUM DOOR WIDTH FROM AXIS	≤1400 mm
MINIMUM DOOR THICKNESS	≥60 mm
MAXIMUM LOAD CAPACITY	200 Kgs
MAXIMUM OPENING ANGLE	125°
90° ASSISTED POSITIONING	YES
CLOSING SPEED CONTORLLED WITH DUAL REGULATING VALVES	YES
CLOSING TORQUE	EN6
SINGLE ACTING / DOUBLE ACTING	DOUBLE ACTING

FUNCTIONS

ROTATION

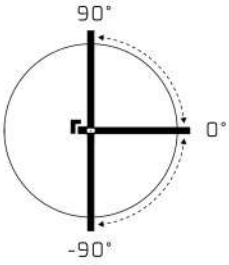


Single Acting
The pivot door can only be opened towards a single side, enforced by an external stop such as the door frame. The grey area in the diagram inducates the zone (from 125° to 0°) where the door self-closes towards the closed position.



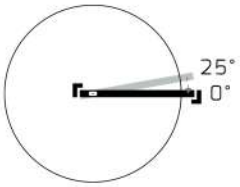
Double Acting
The pivot door can be opened towards both sides. The grey area in the diagram indicates the zone (from 125° to -125°) where the door self-closes towards the closed position.

HOLD POSITIONS

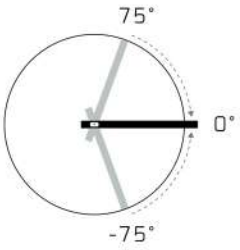


Soft fix at 90° & -90°
The hold positions offer light resistance to help keep the pivot door in place.

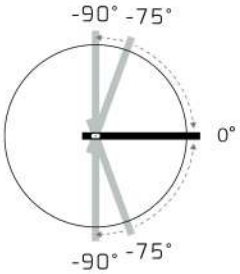
MOVEMENT



Latch Control
Accelerates the door shortly before closed position to ensure proper latching.

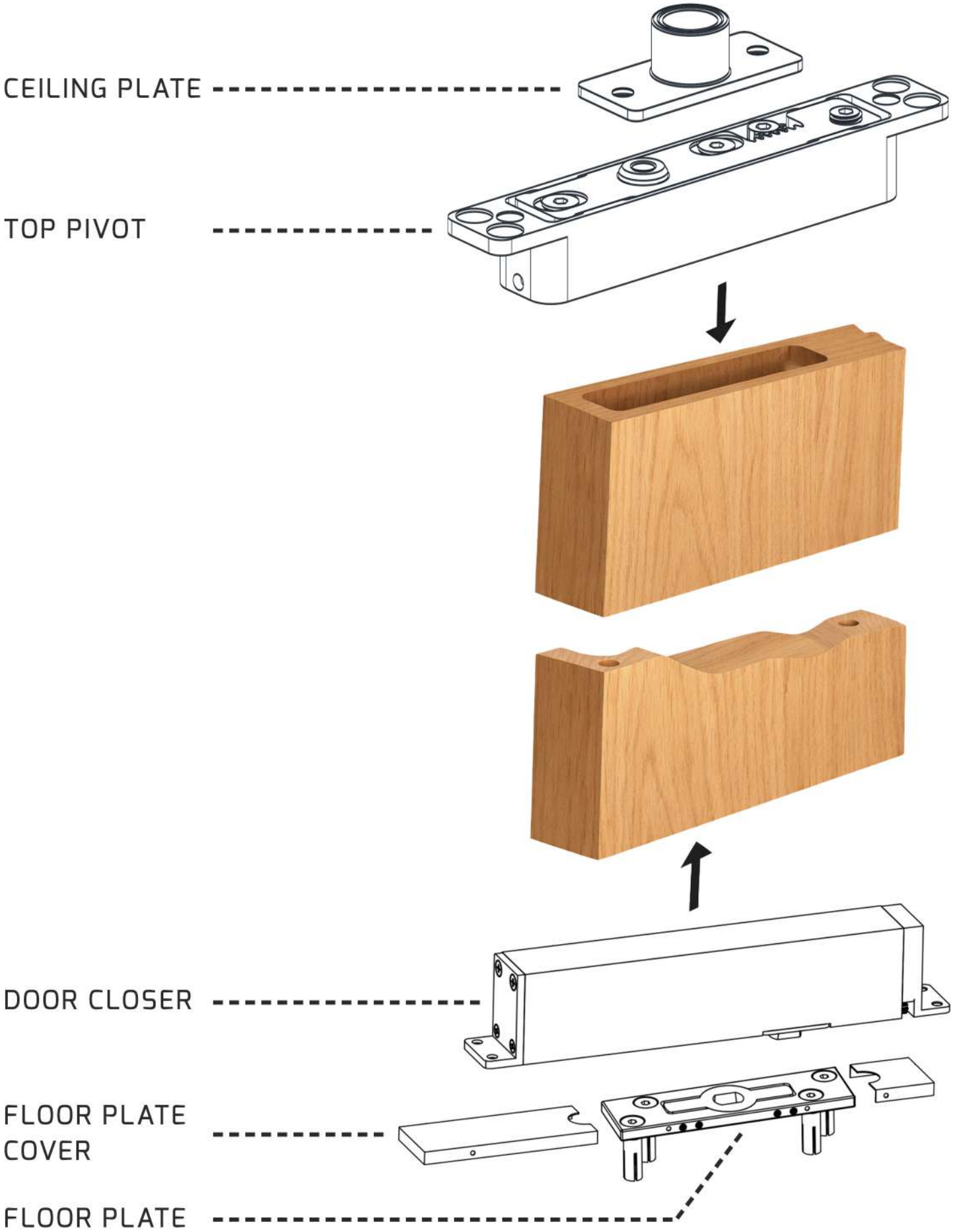


75° Speed Control
Ensures the door always closes gently, returning to its 0° position smoothly after opening for a smooth closing movement.

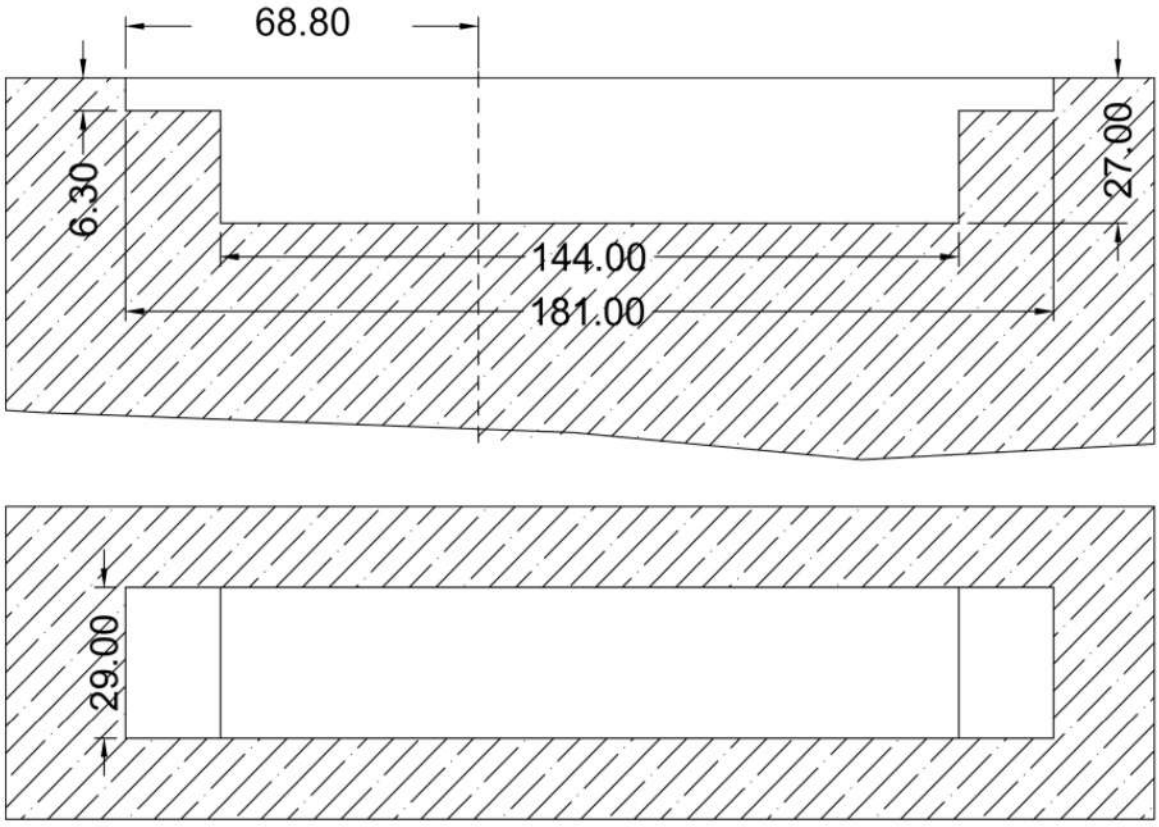


Damper Control
Hydraulic back-check (opening damping) for wall-protection and soft-close for a smooth closing movement.

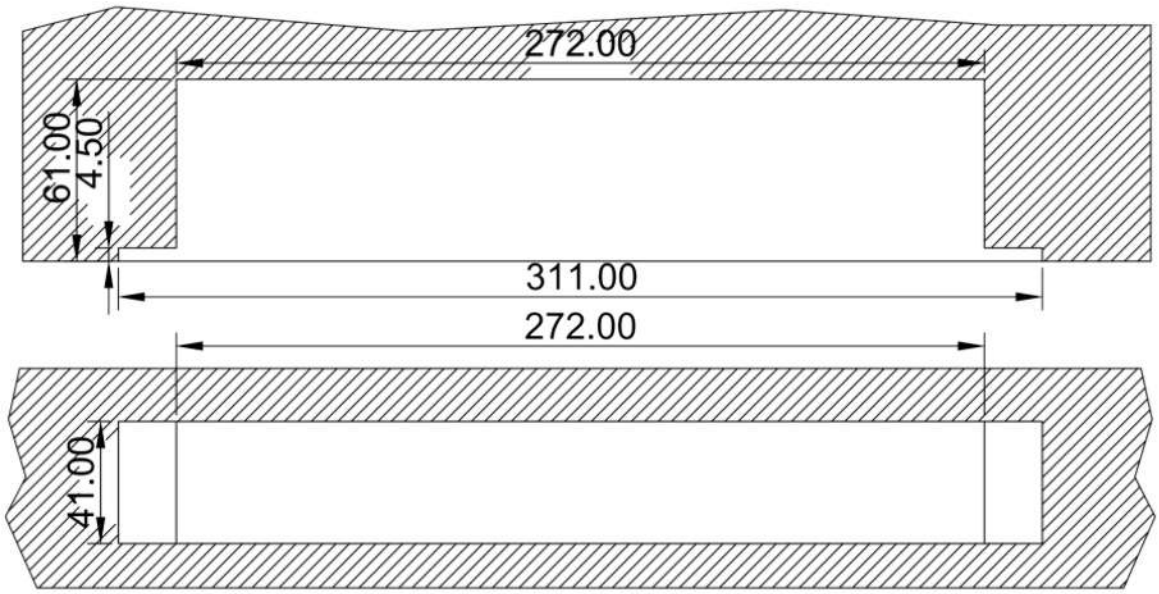
COMPONENTS


CEILING PLATE
TOP PIVOT
DOOR CLOSER
FLOOR PLATE COVER
FLOOR PLATE

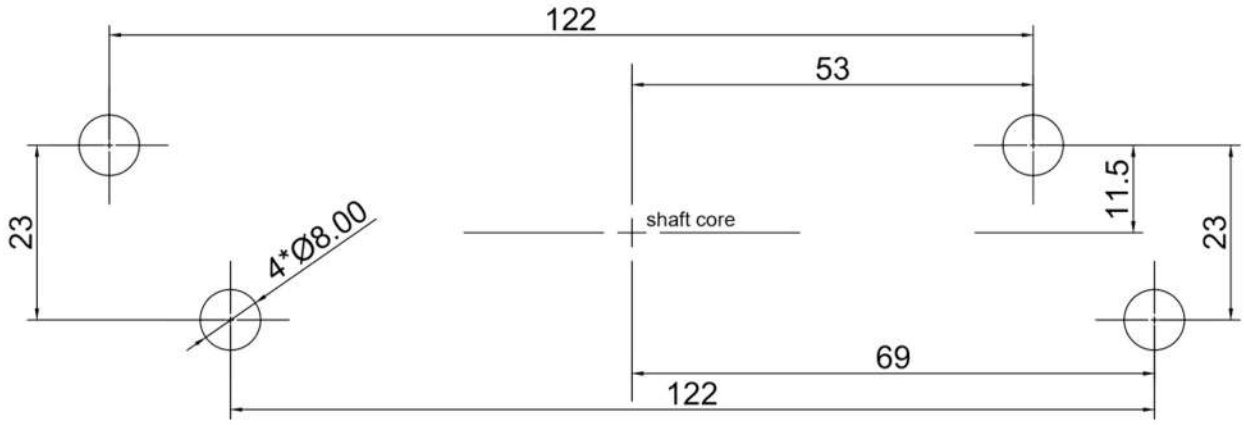
TOP PIVOT



DOOR CLOSER



FLOOR PLATE TEMPLATE



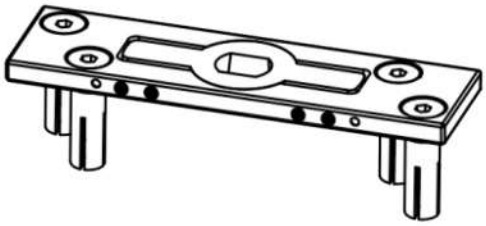
TOP PIVOT INSTALLATION OPTIONS

TOP PIVOT CONCEALED IN DOOR

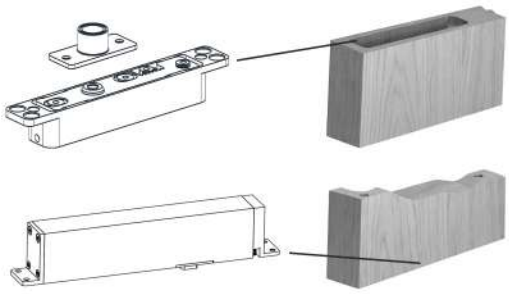


TOP PIVOT CONCEALED IN DOOR FRAME

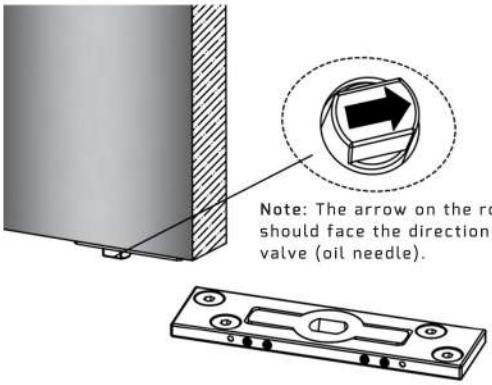




1. Determine the installation position, use an infrared instrument to draw lines and drill holes. Ensure that the base screws are tightly locked. Drill holes in the door leaf according to the milling drawing and the actual product, and recheck whether the left-right and top-bottom gaps between the door and the door frame are sufficient for the installation position.

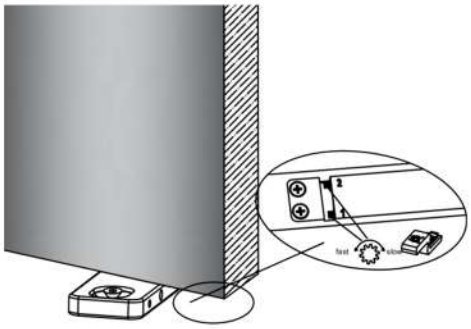


2. Mount the door closer and the top pivot to the door leaf, and fix the ceiling plate to the door frame. Raise the top pivot core. Use a wrench to rotate the shaft of the hydraulic door closer by 90 degrees, so that it reaches a 90 degree door-opening state (for door-opening installation)



Note: The arrow on the rotating shaft should face the direction of the regulating valve (oil needle).

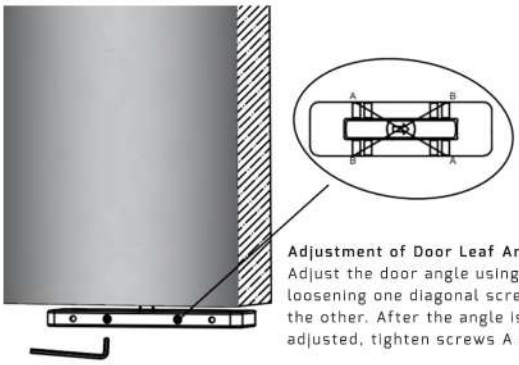
3. Prop up the door leaf with a spacer block, tilt the door leaf slightly, align the rotating shaft with the base, and then snap the rotating shaft into place. After straightening the door leaf, use a hex wrench to lock the top pivot into the ceiling plate (ensure that at least 10mm or more of the top pivot core is engaged with the ceiling plate).



4. Open and close the door to check the hydraulic buffer closing speed. Refer to the speed adjustment huidelines and adjust to the most suitable closing speed for the current application scenario.



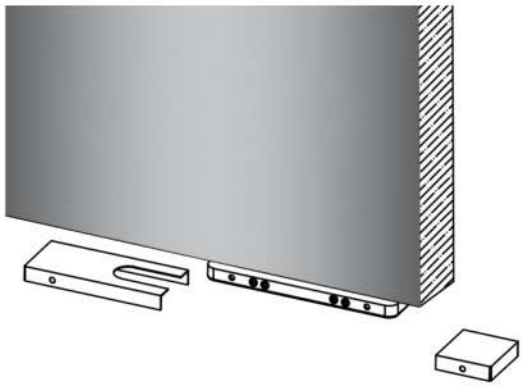
Distinguish the speed - adjusting the positions of first and second regulating valve
a) Take the position of the rotating shaft as the reference point.
b) Identify the regulating valves as shown in the left diagram
c) The default speed is set to 6-8 seconds. If speed adjustment is required, it is recommended to adjust by two teeth each time as a reference, until the desired speed is acheived.



Adjustment of Door Leaf Angle:
Adjust the door angle using the principle of loosening one diagonal screw and tightening the other. After the angle is properly adjusted, tighten screws A and B uniformly.

5. Depending on the door leaf's return-to-zero position, adjust the return-to-zero angle of the door leaf accordingly. Ensure the door leaf is in a horizontal state or a state that meets the requirements of the installation senario.

Left-Right Adjustment of Door Leaf:
Loosen the burst screws, then the base can be adjusted left/right. After adjusting to acheive the effect of even gaps at the top and bottom, tighten all screws uniformly.

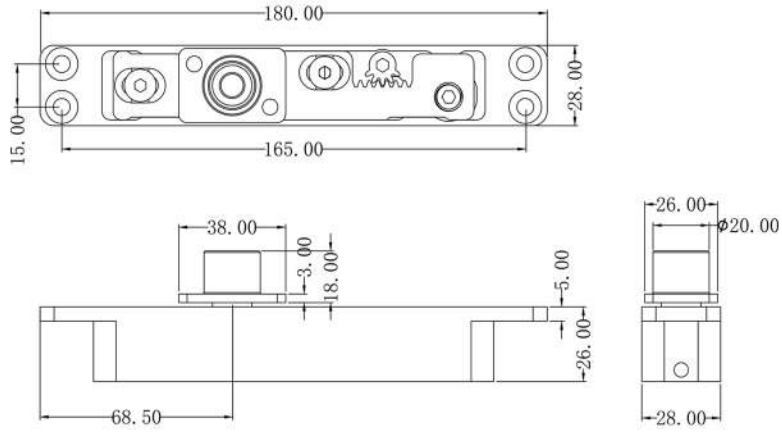


6. Open and close the door leaf multiple times to check for abnormalities, then inspect the tightness of the screws. After ensuring safety, fasten the Floor Plate Cover. Installation is complete!!



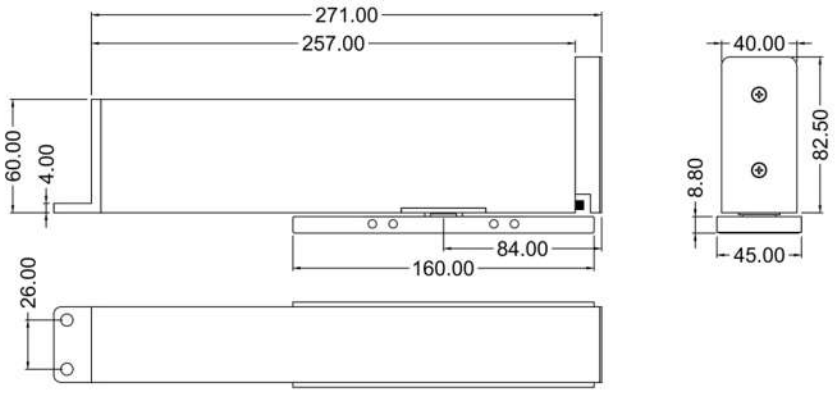
TOP PIVOT





DOOR CLOSER



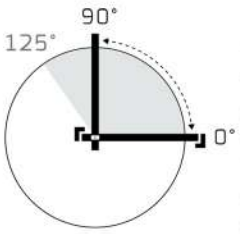


SPECIFICATION

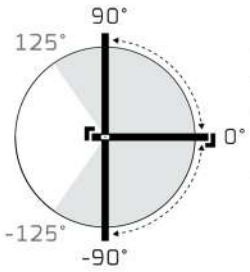
ARTICLE NUMBER	KIWI17.300.16.BBS
MATERIAL	Stainless Steel 304 finish, Steel main body
BI-DIRECTIONAL OPENING & CLOSING	YES
MAXIMUM DOOR WIDTH FROM AXIS	≤1600 mm
MINIMUM DOOR THICKNESS	≥60 mm
MAXIMUM LOAD CAPACITY	300 Kgs
MAXIMUM OPENING ANGLE	125°
90° ASSISTED POSITIONING	YES
CLOSING SPEED CONTORLLED WITH DUAL REGULATING VALVES	YES
CLOSING TORQUE	EN7
SINGLE ACTING / DOUBLE ACTING	DOUBLE ACTING

FUNCTIONS

ROTATION

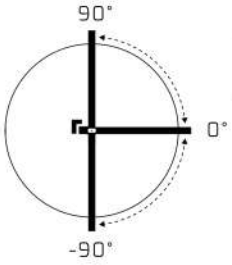


Single Acting
The pivot door can only be opened towards a single side, enforced by an external stop such as the door frame. The grey area in the diagram inducates the zone (from 125° to 0°) where the door self-closes towards the closed position.



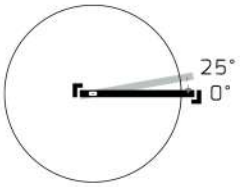
Double Acting
The pivot door can be opened towards both sides. The grey area in the diagram indicates the zone (from 125° to -125°) where the door self-closes towards the closed position.

HOLD POSITIONS

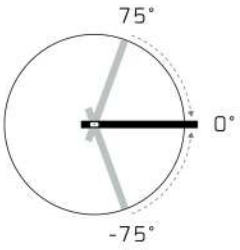


Soft fix at 90° & -90°
The hold positions offer light resistance to help keep the pivot door in place.

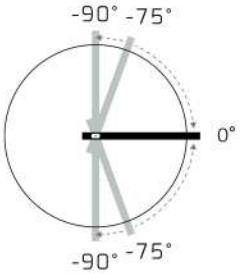
MOVEMENT



Latch Control
Accelerates the door shortly before closed position to ensure proper latching.

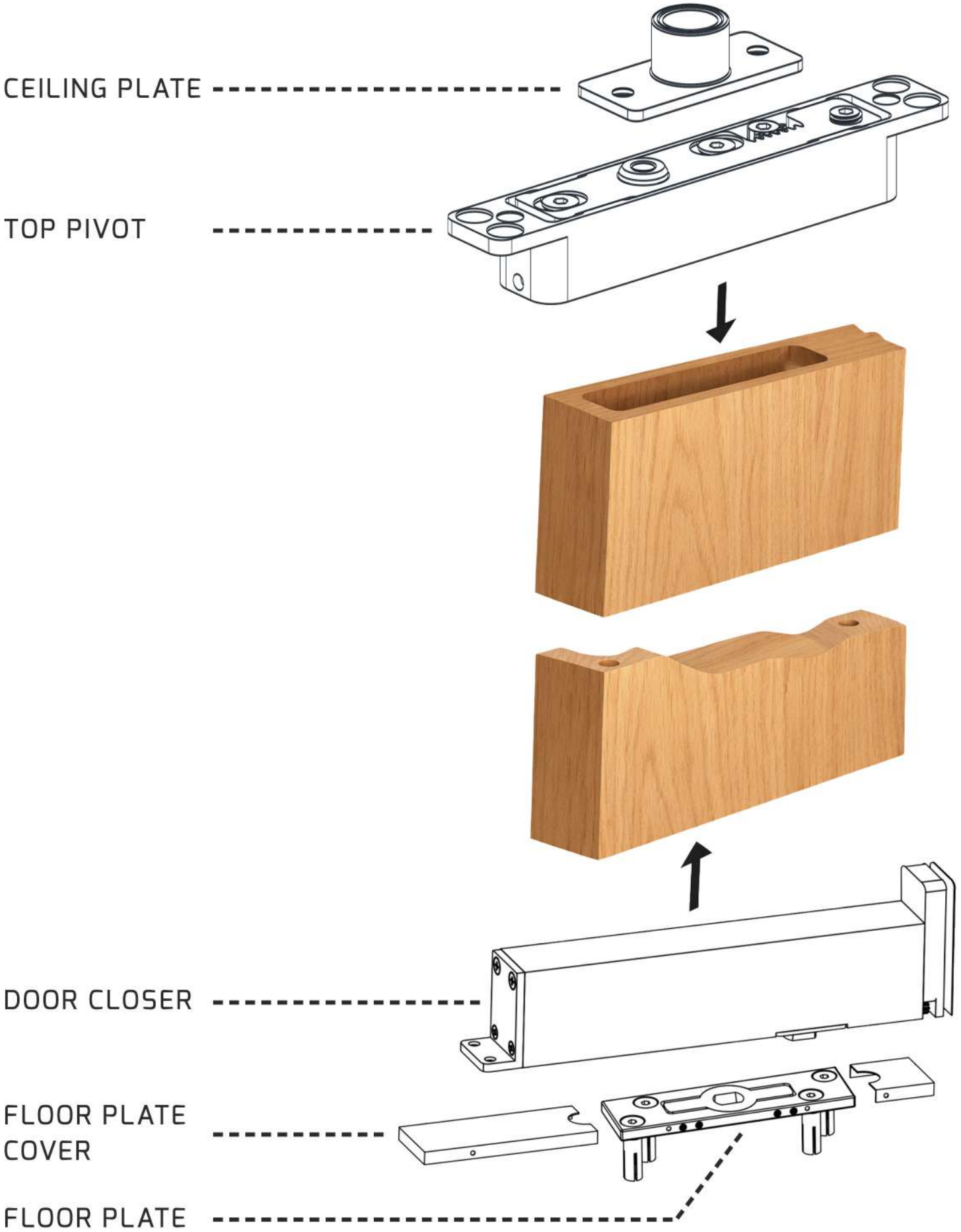


75° Speed Control
Ensures the door always closes gently, returning to its 0° position smoothly after opening for a smooth closing movement.

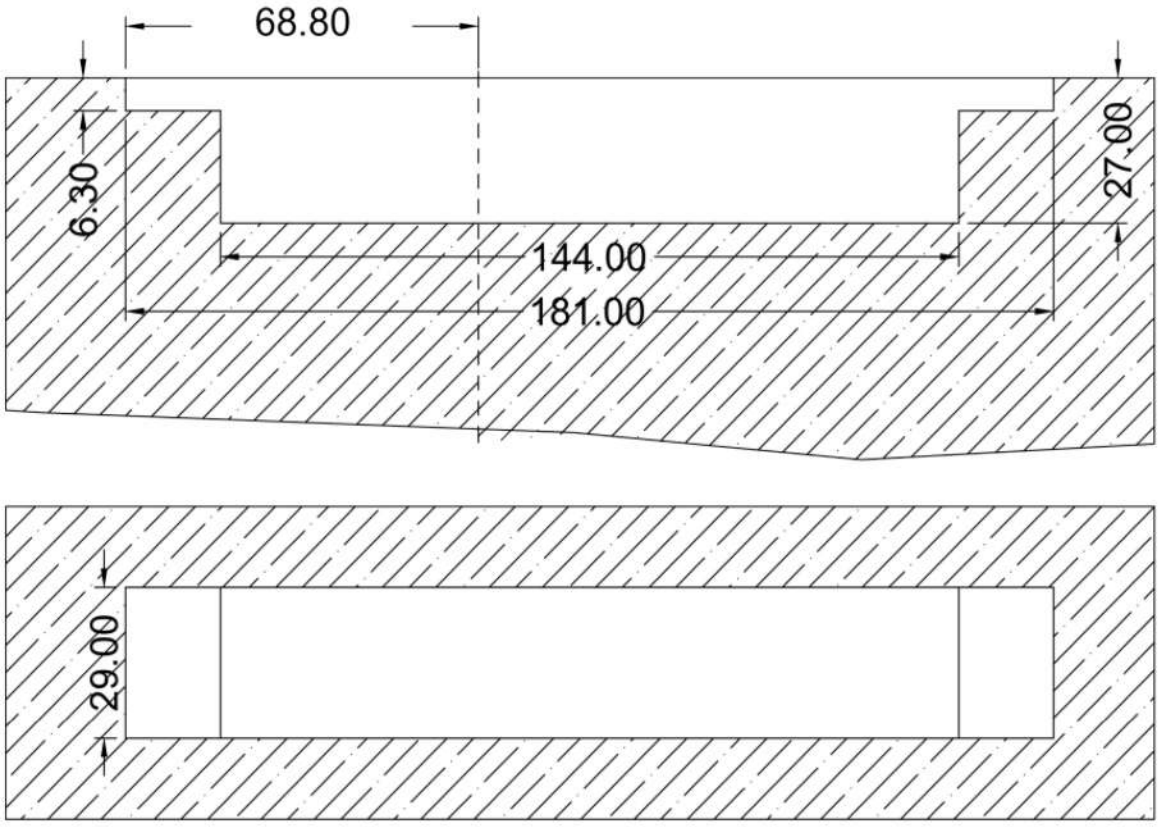


Damper Control
Hydraulic back-check (opening damping) for wall-protection and soft-close for a smooth closing movement.

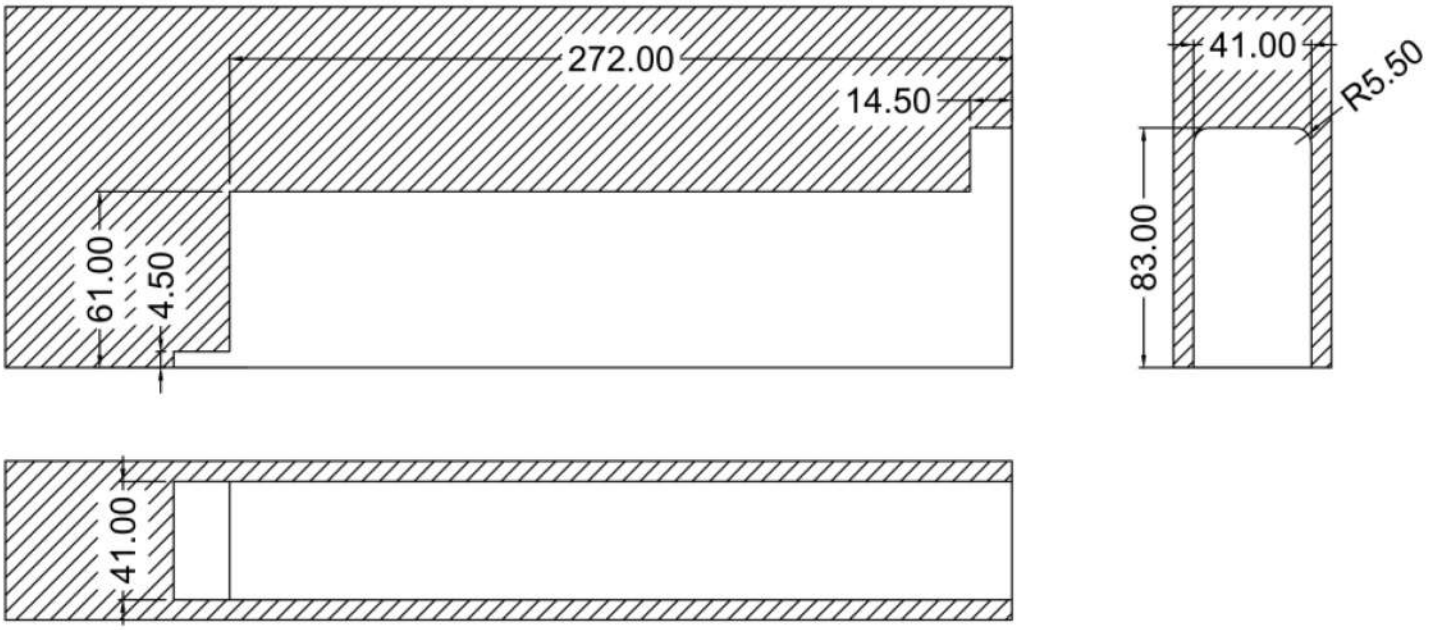
COMPONENTS


CEILING PLATE
TOP PIVOT
DOOR CLOSER
FLOOR PLATE COVER
FLOOR PLATE

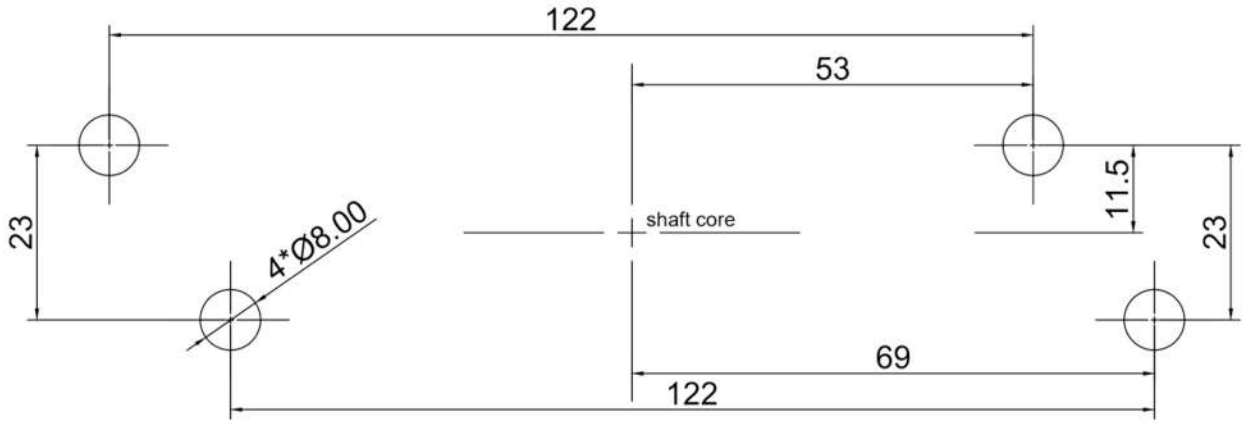
TOP PIVOT



DOOR CLOSER



FLOOR PLATE TEMPLATE



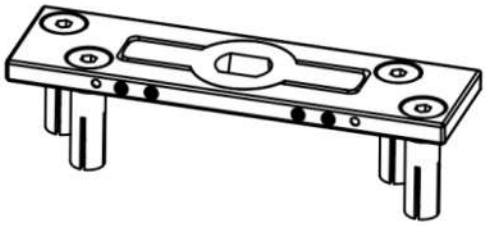
TOP PIVOT INSTALLATION OPTIONS

TOP PIVOT CONCEALED IN DOOR

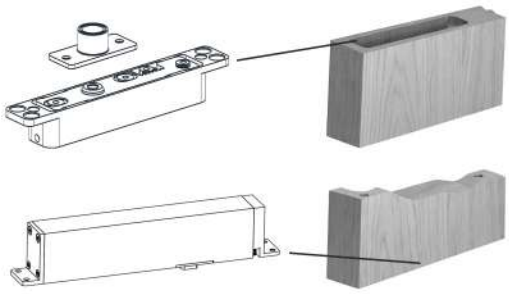


TOP PIVOT CONCEALED IN DOOR FRAME

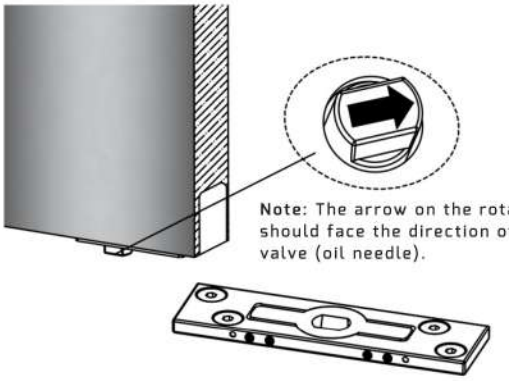




1. Determine the installation position, use an infrared instrument to draw lines and drill holes. Ensure that the base screws are tightly locked. Drill holes in the door leaf according to the milling drawing and the actual product, and recheck whether the left-right and top-bottom gaps between the door and the door frame are sufficient for the installation position.

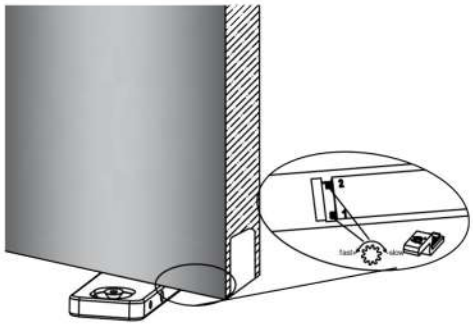


2. Mount the door closer and the top pivot to the door leaf, and fix the ceiling plate to the door frame. Raise the top pivot core. Use a wrench to rotate the shaft of the hydraulic door closer by 90 degrees, so that it reaches a 90 degree door-opening state (for door-opening installation)



Note: The arrow on the rotating shaft should face the direction of the regulating valve (oil needle).

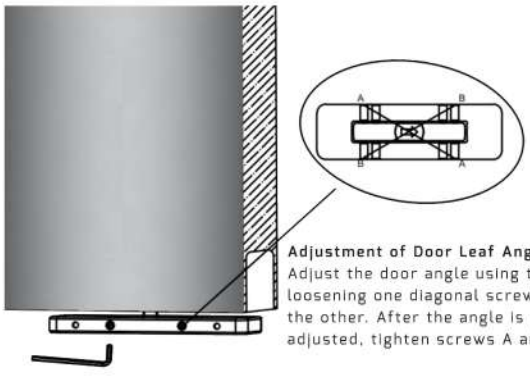
3. Prop up the door leaf with a spacer block, tilt the door leaf slightly, align the rotating shaft with the base, and then snap the rotating shaft into place. After straightening the door leaf, use a hex wrench to lock the top pivot into the ceiling plate (ensure that at least 10mm or more of the top pivot core is engaged with the ceiling plate).



4. Open and close the door to check the hydraulic buffer closing speed. Refer to the speed adjustment huidelines and adjust to the most suitable closing speed for the current application scenario.



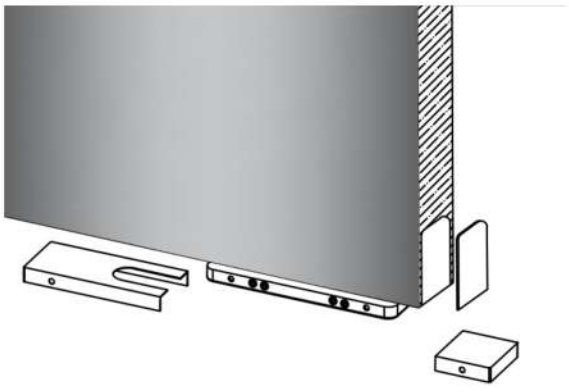
Distinguish the speed - adjusting the positions of first and second regulating valve
a) Take the position of the rotating shaft as the reference point.
b) Identify the regulating valves as shown in the left diagram
c) The default speed is set to 6-8 seconds. If speed adjustment is required, it is recommended to adjust by two teeth each time as a reference, until the desired speed is acheived.



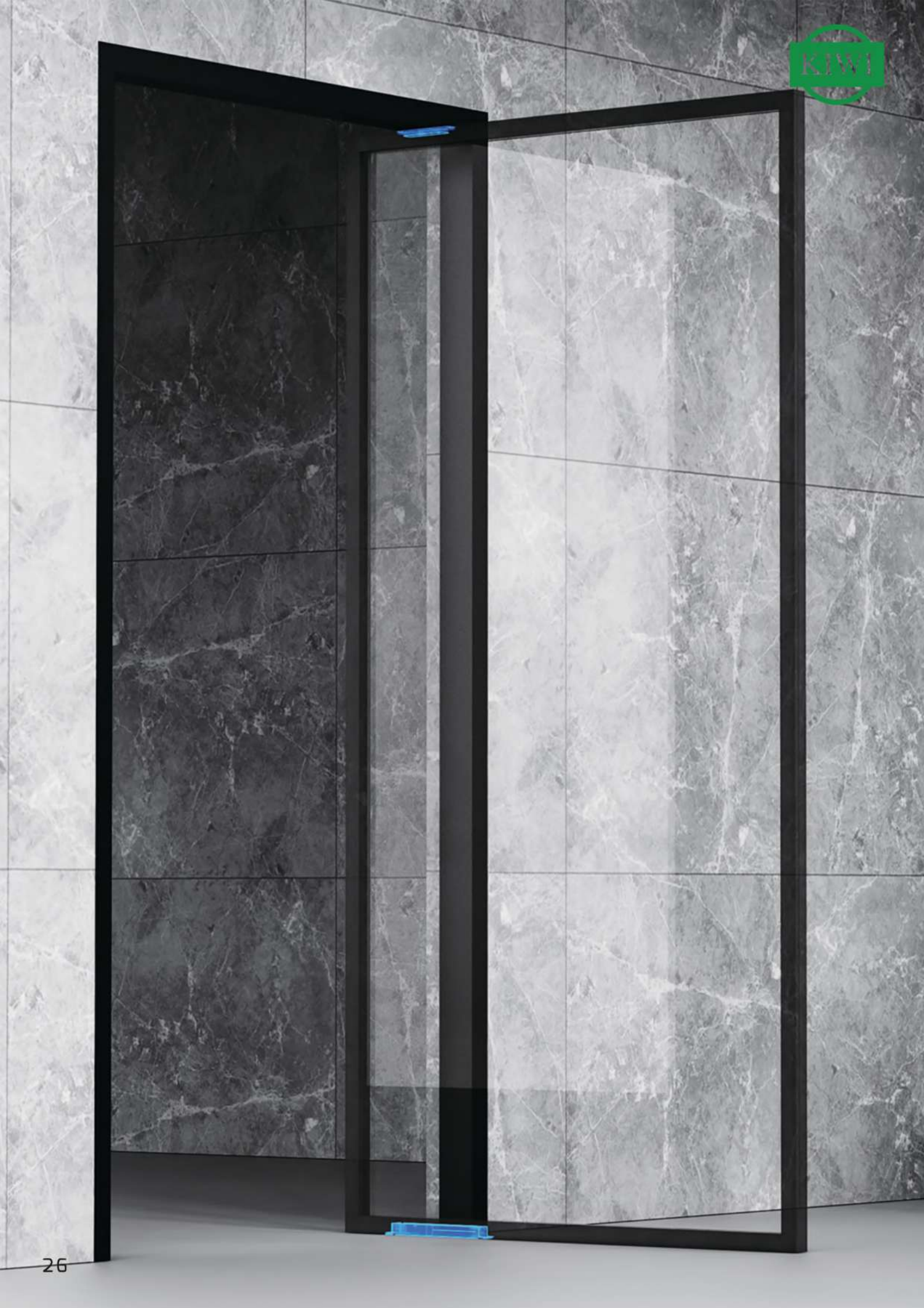
Adjustment of Door Leaf Angle:
Adjust the door angle using the principle of loosening one diagonal screw and tightening the other. After the angle is properly adjusted, tighten screws A and B uniformly.

5. Depending on the door leaf's return-to-zero position, adjust the return-to-zero angle of the door leaf accordingly. Ensure the door leaf is in a horizontal state or a state that meets the requirements of the installation senario.

Left-Right Adjustment of Door Leaf:
Loosen the burst screws, then the base can be adjusted left/right. After adjusting to acheive the effect of even gaps at the top and bottom, tighten all screws uniformly.

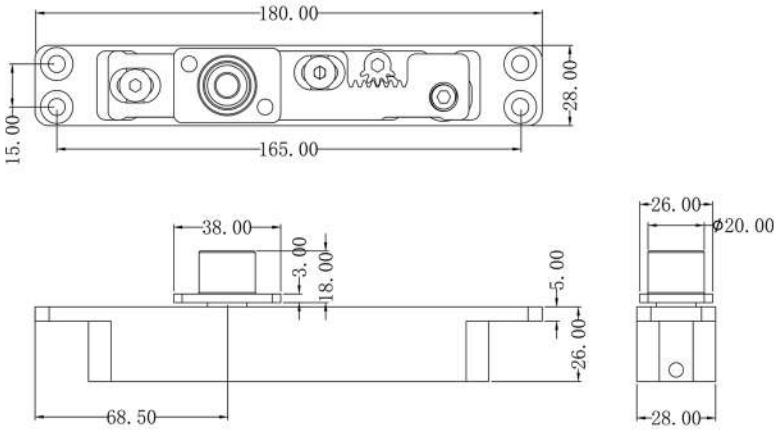


6. Open and close the door leaf multiple times to check for abnormalities, then inspect the tightness of the screws. After ensuring safety, fasten the Floor Plate Cover. Installation is complete!!



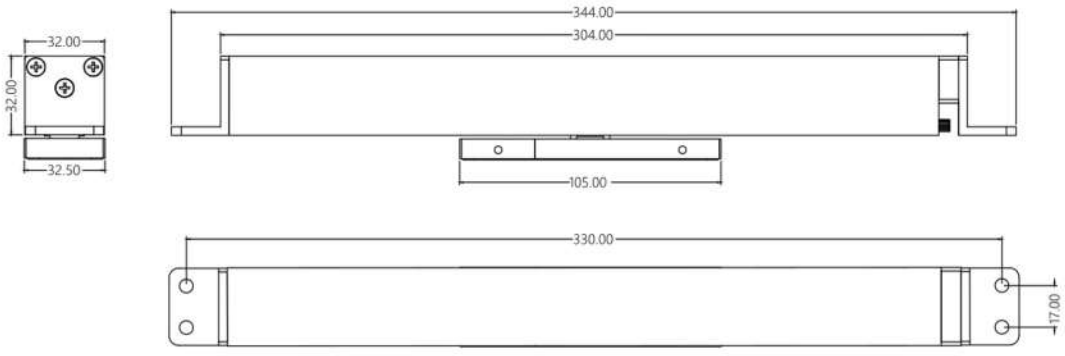
TOP PIVOT





DOOR CLOSER



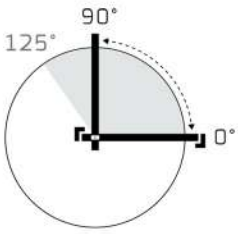


SPECIFICATION

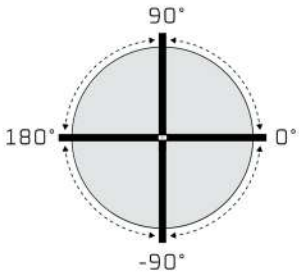
ARTICLE NUMBER	KIWI17.200.12.AAC
MATERIAL	Stainless Steel 304 finish, Steel main body
BI-DIRECTIONAL OPENING & CLOSING	YES
MAXIMUM DOOR WIDTH FROM AXIS	≤1200 mm
MINIMUM DOOR THICKNESS	≥34 mm
MAXIMUM LOAD CAPACITY	200 Kgs
MAXIMUM OPENING ANGLE	360°
90° ASSISTED POSITIONING	YES
CLOSING SPEED CONTORLLED WITH DUAL REGULATING VALVES	YES
CLOSING TORQUE	EN5
SINGLE ACTING / DOUBLE ACTING	DOUBLE ACTING

FUNCTIONS

ROTATION

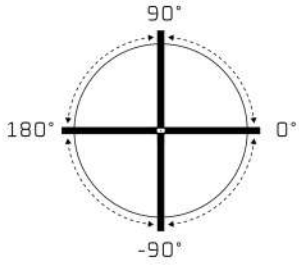


Single Acting
The pivot door can only be opened towards a single side, enforced by an external stop such as the door frame. The grey area in the diagram inducates the zone (from 125° to 0°) where the door self-closes towards the closed position.



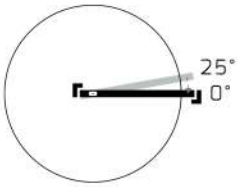
Double Acting
The pivot door can be opened towards both sides. The grey area in the diagram indicates the zone (from 180° to -180°) where the door self-closes towards the closed position.

HOLD POSITIONS

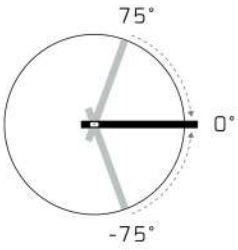


Soft fix at 90°, -90°, & 180°
The hold positions offer light resistance to help keep the pivot door in place.

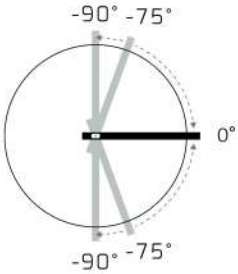
MOVEMENT



Latch Control
Accelerates the door shortly before closed position to ensure proper latching.



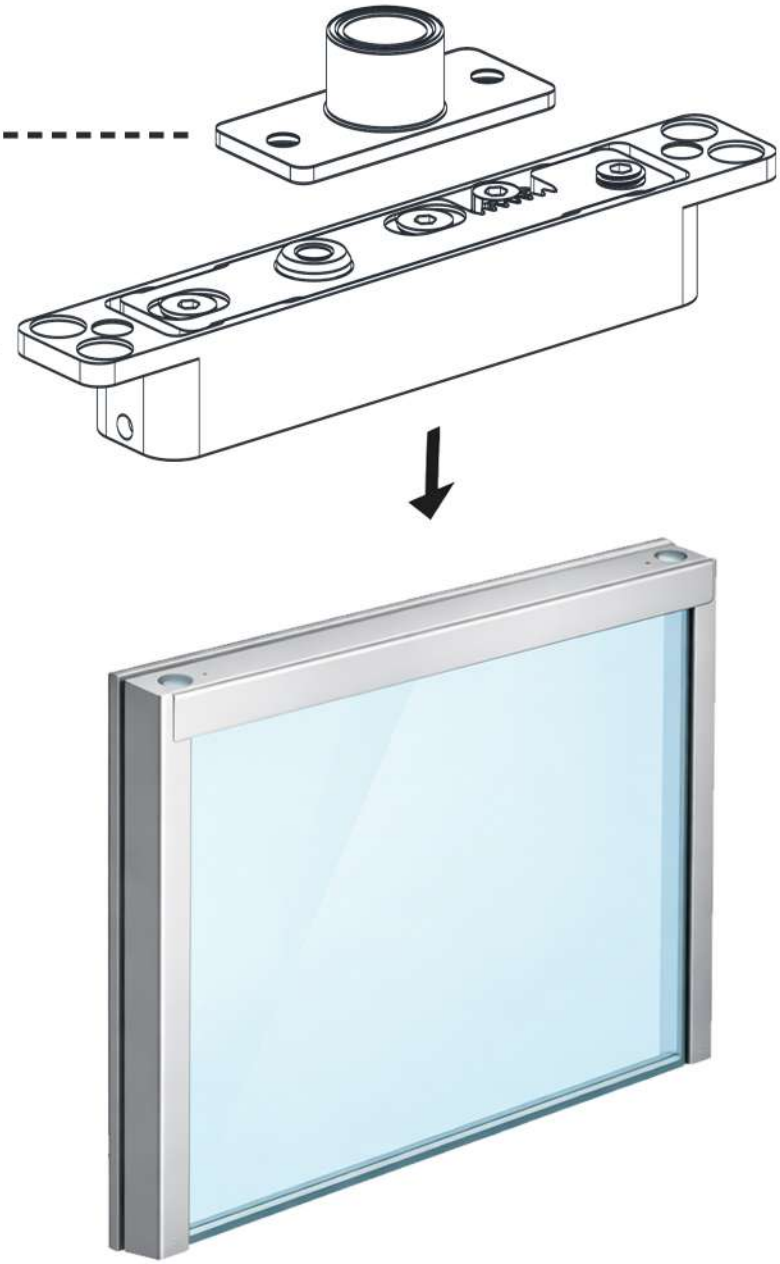
75° Speed Control
Ensures the door always closes gently, returning to its 0° position smoothly after opening for a smooth closing movement.



Damper Control
Hydraulic back-check (opening damping) for wall-protection and soft-close for a smooth closing movement.

CEILING PLATE

TOP PIVOT

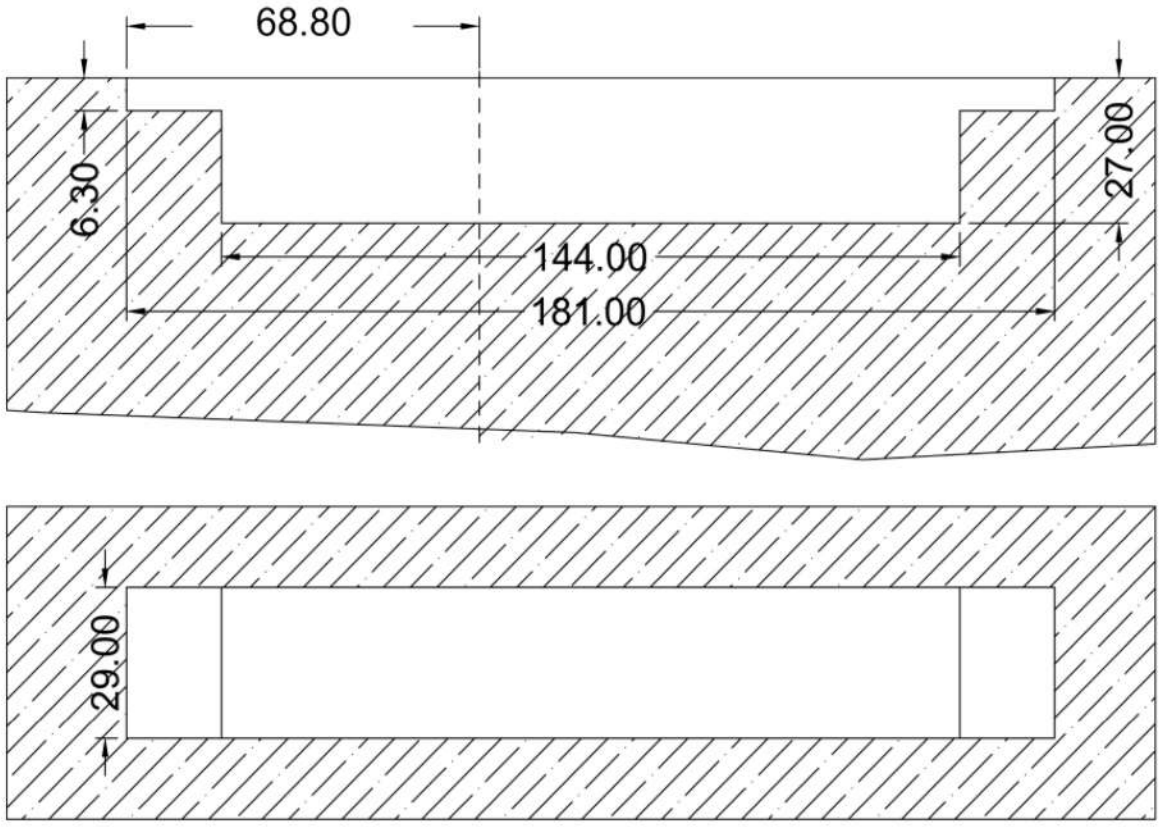


DOOR CLOSER

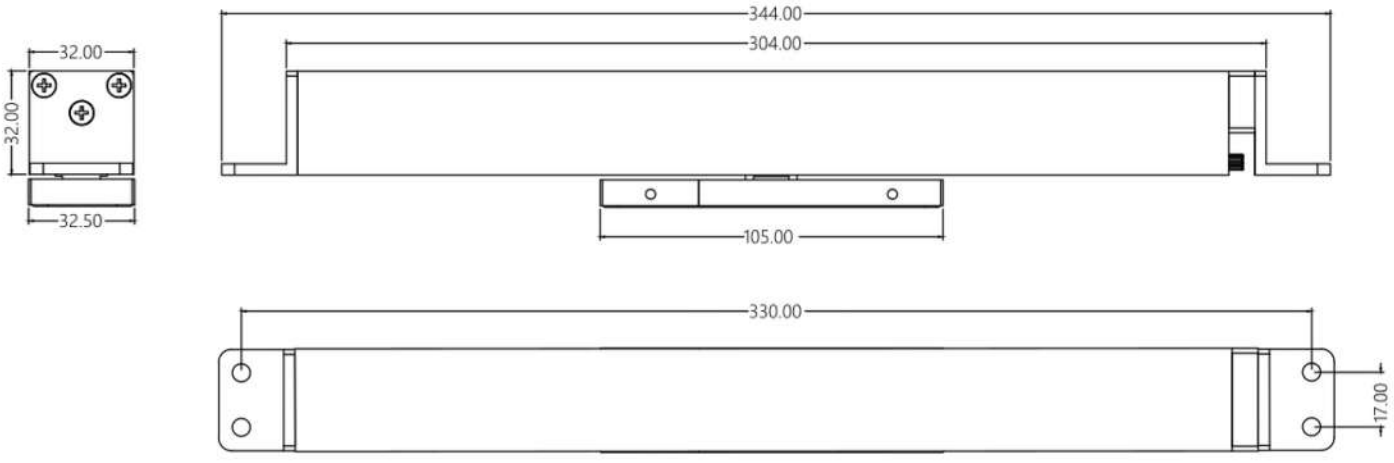
FLOOR PLATE COVER

FLOOR PLATE

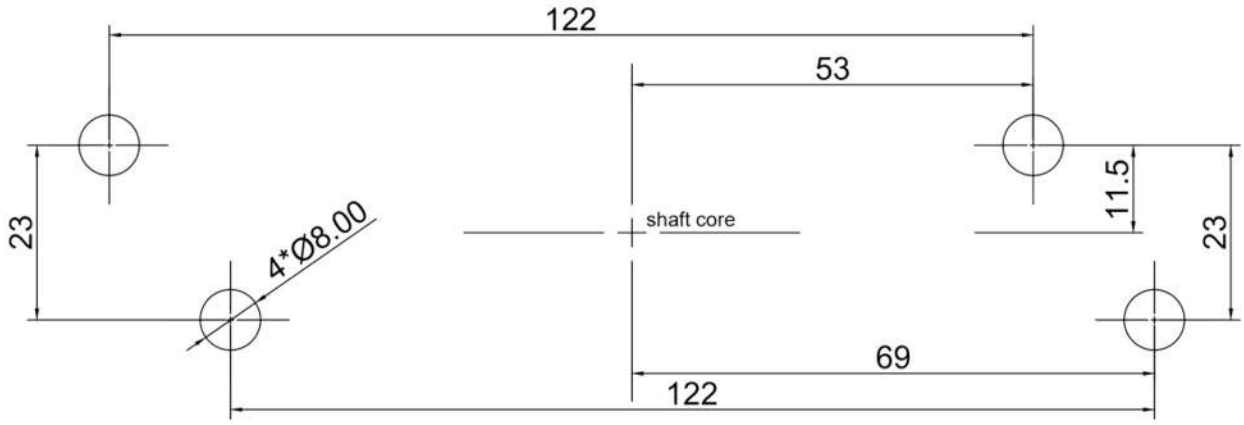
TOP PIVOT



DOOR CLOSER



FLOOR PLATE TEMPLATE



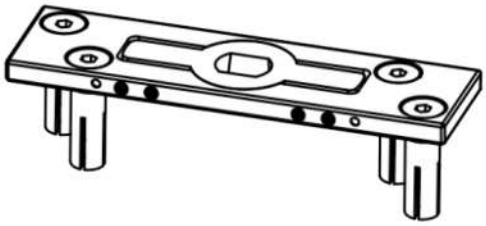
TOP PIVOT INSTALLATION OPTIONS

TOP PIVOT CONCEALED IN DOOR

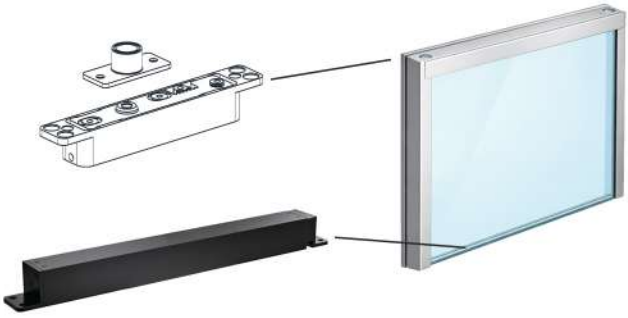


TOP PIVOT CONCEALED IN DOOR FRAME

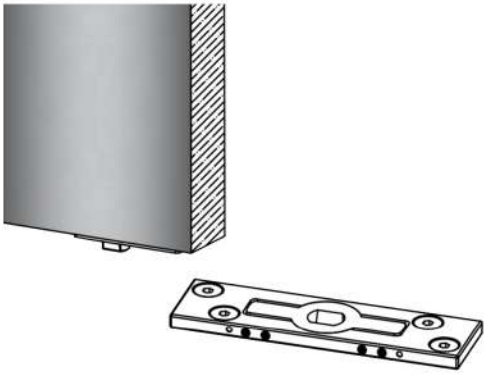




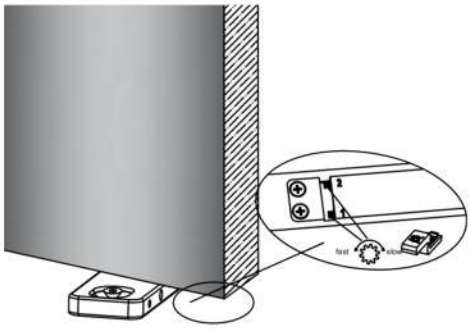
1. Determine the installation position, use an infrared instrument to draw lines and drill holes. Ensure that the base screws are tightly locked. Drill holes in the door leaf according to the milling drawing and the actual product, and recheck whether the left-right and top-bottom gaps between the door and the door frame are sufficient for the installation position.



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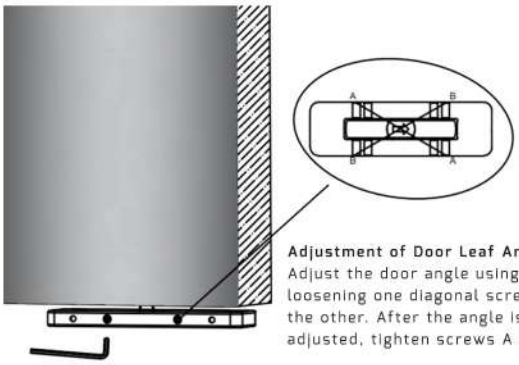
3. Prop up the door leaf with a spacer block, tilt the door leaf slightly, align the rotating shaft with the base, and then snap the rotating shaft into place. After straightening the door leaf, use a hex wrench to lock the top pivot into the ceiling plate (ensure that at least 10mm or more of the top pivot core is engaged with the ceiling plate).



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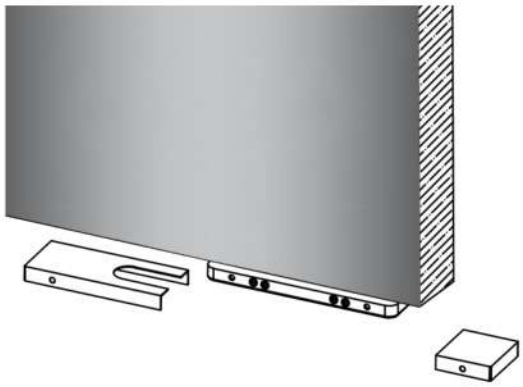
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Adjustment of Door Leaf Angle:
Adjust the door angle using the principle of loosening one diagonal screw and tightening the other. After the angle is properly adjusted, tighten screws A and B uniformly.

5. Depending on the door leaf's return-to-zero position, adjust the return-to-zero angle of the door leaf accordingly. Ensure the door leaf is in a horizontal state or a state that meets the requirements of the installation senario.

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6. Open and close the door leaf multiple times to check for abnormalities, then inspect the tightness of the screws. After ensuring safety, fasten the Floor Plate Cover. Installation is complete!!


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