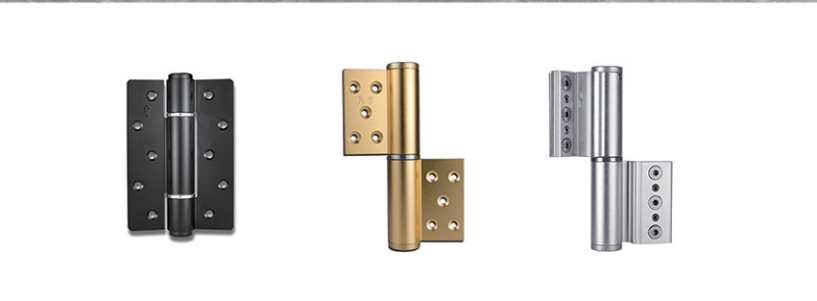




# Hydraulic Hinge

## Concealed Door Hinge





# Hydraulic Hinge

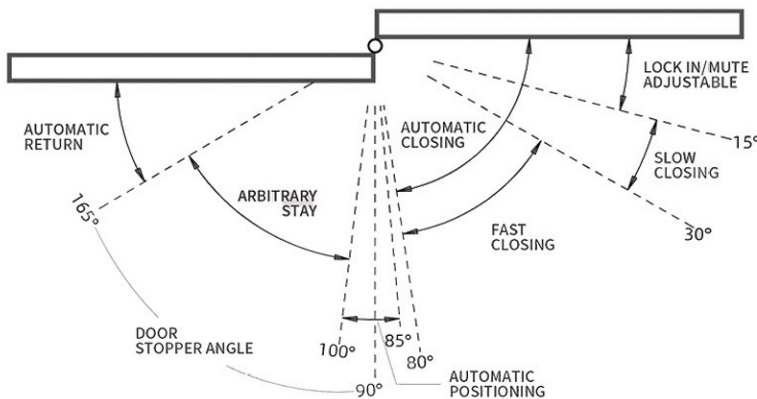
*Automatic buffer door closing*  
*Bring you safty and a quiet ambience*



**Material:** Aluminum alloy

**Finish:**  black  grey  gold  silver

## Functional Diagram



1. Max. opening angle 175°
2. Stay open between 90°-165°
3. Positioning function 90°, when the door is 85°-95° will be reset to 90°
4. Door close automatically < 80°
5. Three closing speed
  - (1) Fast closing 80°-30°
  - (2) Slow closing 30°-15°
  - (3) Latching 15°-0°

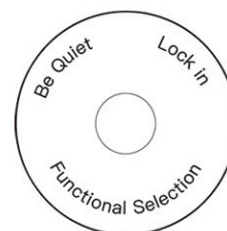
## Buffer Adjustment

to increase or decrease closing speed.



## Selection

selection between the door with  
without the latch.

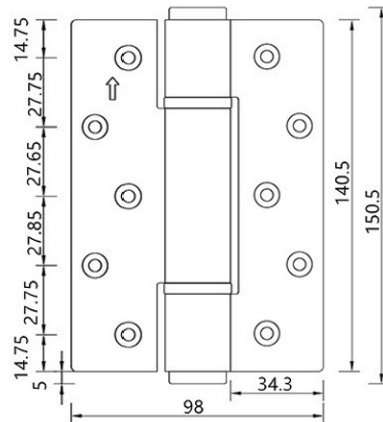




# D535 D-Type Hydraulic Hinge



## Dimensions 5.5"



## Specification

Door Weight	Door Size	Hinges	Remarks
≤35kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤60kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤90kgs	≤2400x1100mm	hydraulic hinge x3	

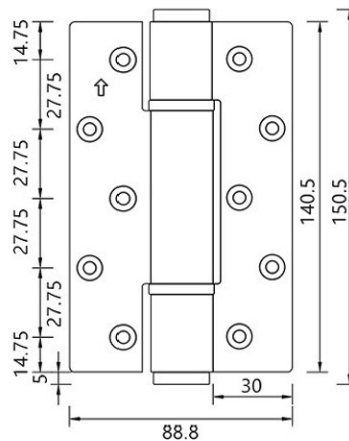


# D530 D-Type Hydraulic Hinge

(30mm wide for narrow door frame)



## Dimensions 5.5"



## Specification

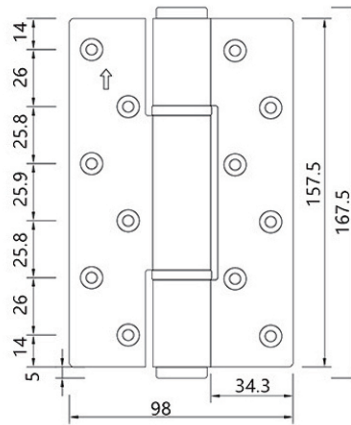
Door Weight	Door Size	Hinges	Remarks
≤35kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤60kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤90kgs	≤2400x1100mm	hydraulic hinge x3	



# D635 D-Type Hydraulic Hinge



## Dimensions 6"



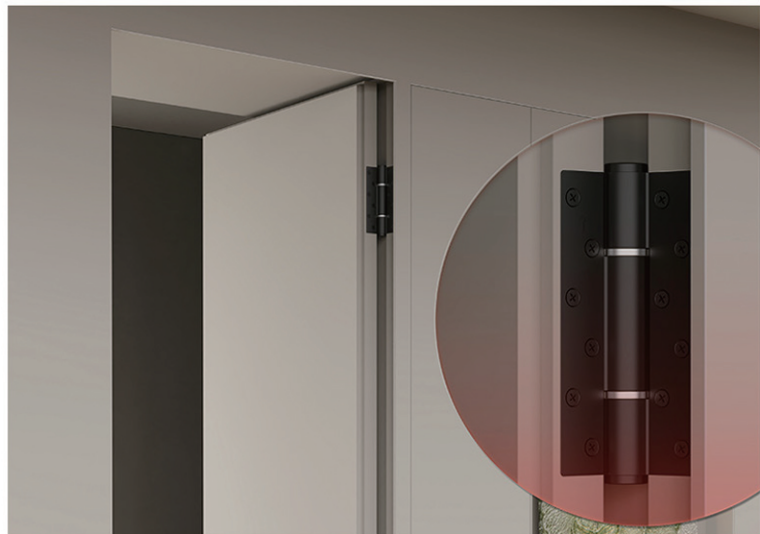
## Specification

Door Weight	Door Size	Hinges	Remarks
≤50kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤90kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤135kgs	≤2400x1100mm	hydraulic hinge x3	

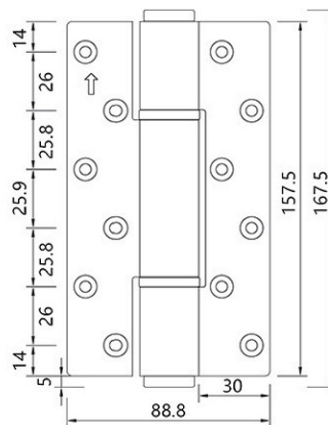


# D630 D-Type Hydraulic Hinge

(30mm wide for narrow door frame)



## Dimensions 6"



## Specification

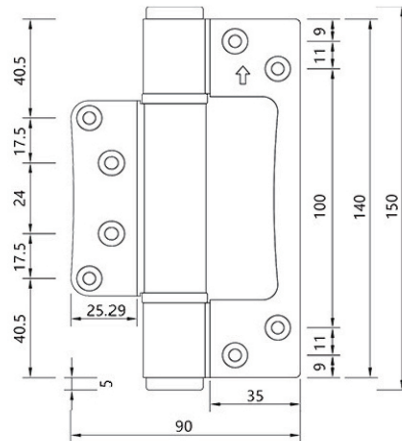
Door Weight	Door Size	Hinges	Remarks
≤50kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤90kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤135kgs	≤2400x1100mm	hydraulic hinge x3	



# M535 Sub-Parent Hydraulic Hinge



## Dimensions 5.5"



## Specification

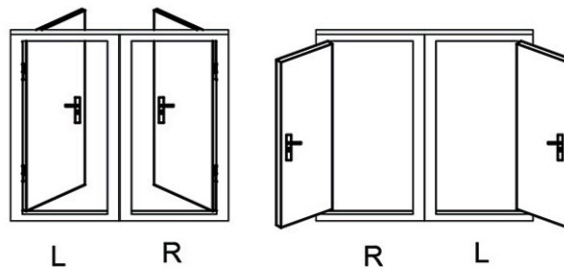
Door Weight	Door Size	Hinges	Remarks
≤35kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤60kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤90kgs	≤2400x1100mm	hydraulic hinge x3	

# F535 Flag-Type Hydraulic Hinge

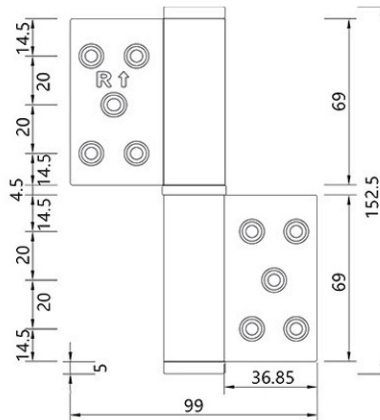


## Determine Direction

Check the hinge open direction matches with the door.



## Dimensions 5.5"



## Specification

Door Weight	Door Size	Hinges	Remarks
≤35kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤60kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤90kgs	≤2400x1100mm	hydraulic hinge x3	





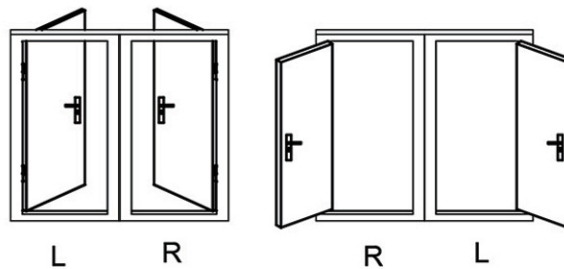
# F530 Flag-Type Hydraulic Hinge

(30mm wide for narrow door frame)

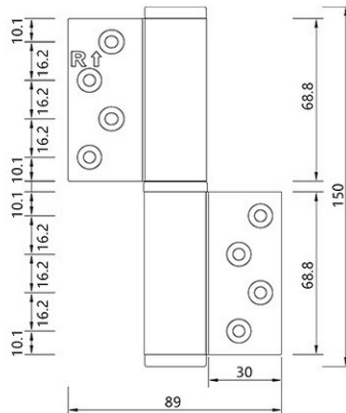


## Determine Direction

Check the hinge open direction matches with the door.



## Dimensions 5.5"



## Specification

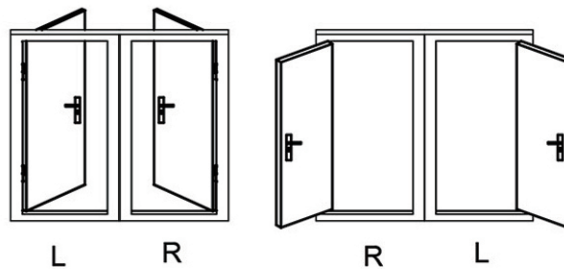
Door Weight	Door Size	Hinges	Remarks
≤35kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤60kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤90kgs	≤2400x1100mm	hydraulic hinge x3	

# F535P Flag-Type Hydraulic Hinge (surface mounting)

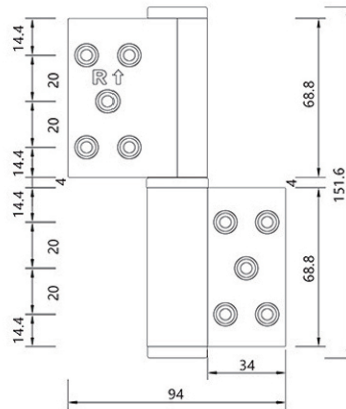


## Determine Direction

Check the hinge open direction matches with the door.



## Dimensions 5.5"



## Specification

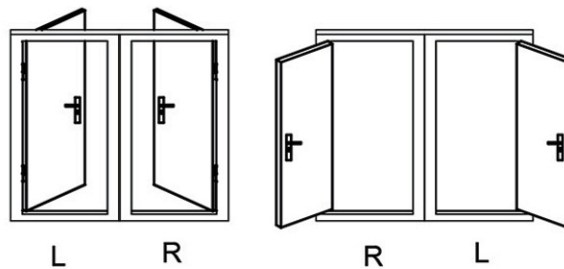
Door Weight	Door Size	Hinges	Remarks
≤35kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤60kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤90kgs	≤2400x1100mm	hydraulic hinge x3	

# F635 Flag-Type Hydraulic Hinge

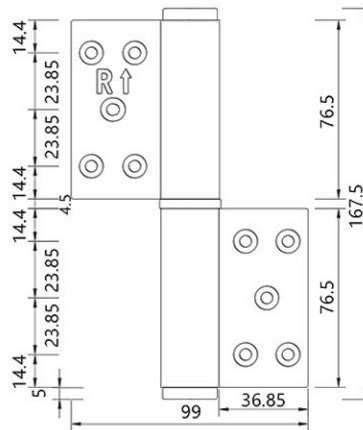


## Determine Direction

Check the hinge open direction matches with the door.



## Dimensions 6"



## Specification

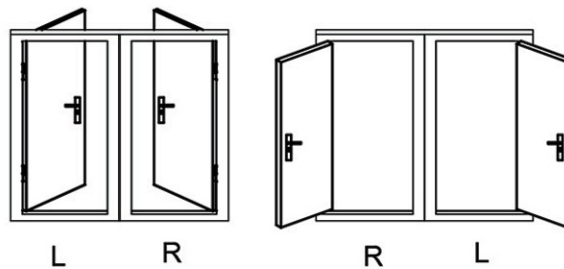
Door Weight	Door Size	Hinges	Remarks
≤50kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤90kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤135kgs	≤2400x1100mm	hydraulic hinge x3	

# F635P Flag-Type Hydraulic Hinge (surface mounting)

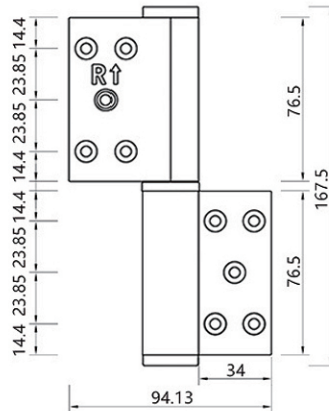


## Determine Direction

Check the hinge open direction matches with the door.



## Dimensions 6"



## Specification

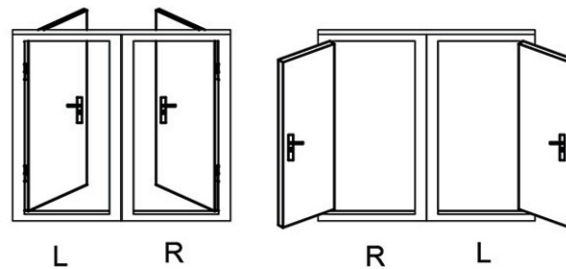
Door Weight	Door Size	Hinges	Remarks
≤50kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤90kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤135kgs	≤2400x1100mm	hydraulic hinge x3	

# F530S Offset Hydraulic Hinge

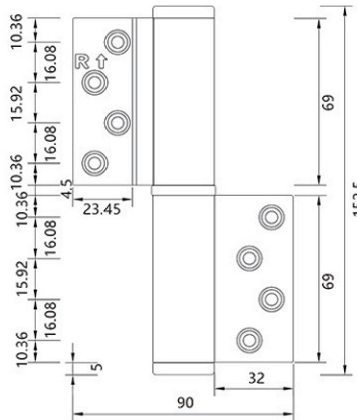


## Determine Direction

Check the hinge open direction matches with the door.



## Dimensions 5.5"



## Specification

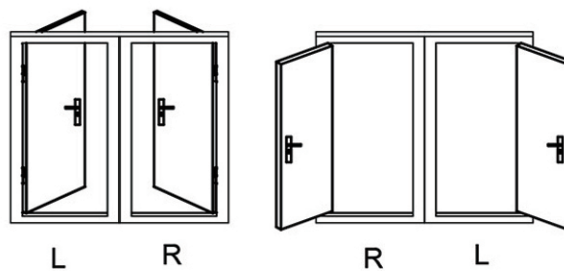
Door Weight	Door Size	Hinges	Remarks
≤35kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤60kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤90kgs	≤2400x1100mm	hydraulic hinge x3	

# H635 H-Type Hydraulic Hinge

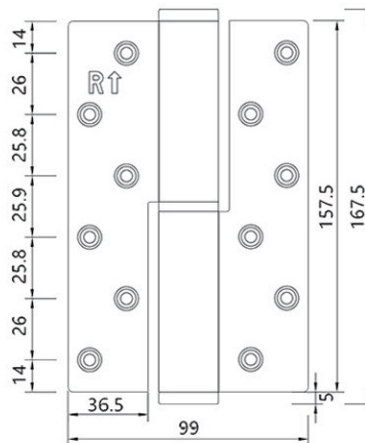


## Determine Direction

Check the hinge open direction matches with the door.



## Dimensions 6"



## Specification

Door Weight	Door Size	Hinges	Remarks
≤50kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤90kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤135kgs	≤2400x1100mm	hydraulic hinge x3	

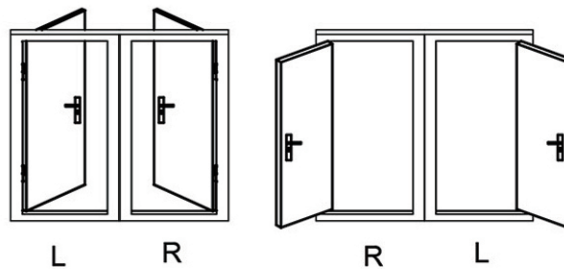


# H635P H-Type Hydraulic Hinge (surface mounting)

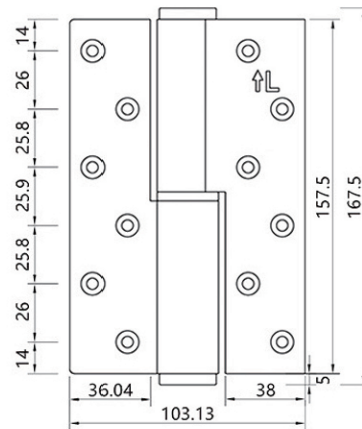


## Determine Direction

Check the hinge open direction matches with the door.



## Dimensions 6"



## Specification

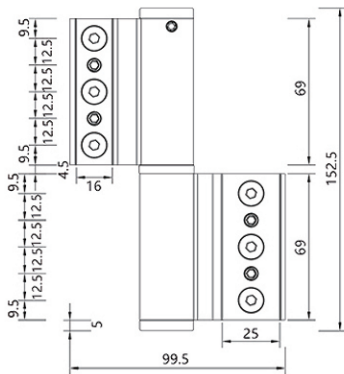
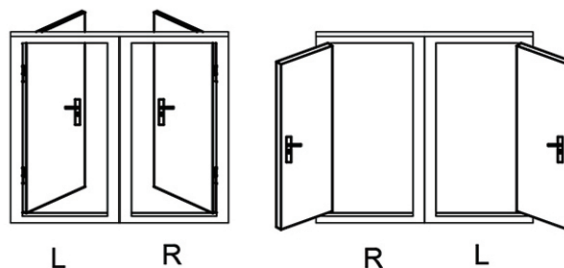
Door Weight	Door Size	Hinges	Remarks
≤50kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤90kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤135kgs	≤2400x1100mm	hydraulic hinge x3	

# BK7 Glass Door Hydraulic Hinge (K slot)



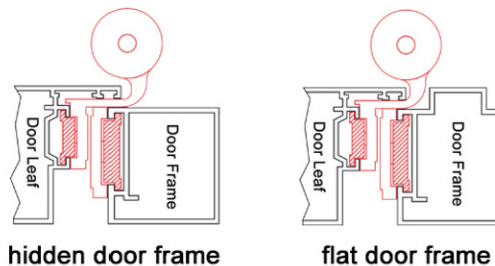
## Determine Direction

Check the hinge open direction matches with the door.



## Installation

Refer to the opening direction selection diagram to distinguish left/right hinges according to parent R/L.



## Specification

Door Weight	Door Size	Hinges	Remarks
≤35kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤60kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤90kgs	≤2400x1100mm	hydraulic hinge x3	



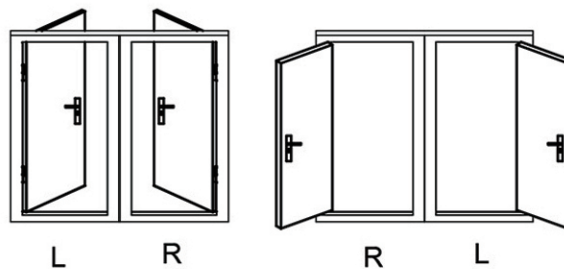


# BE7 Glass Door Hydraulic Hinge (European standard)



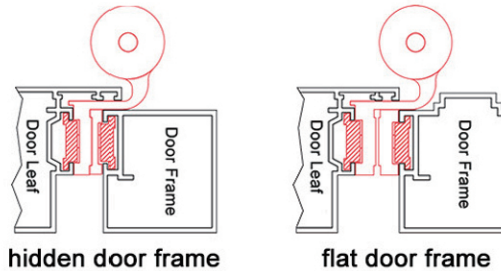
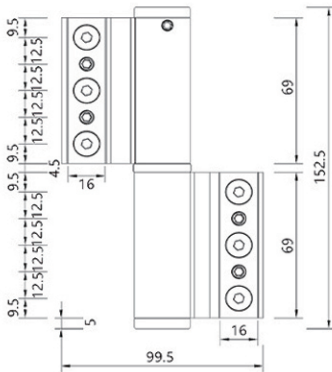
## Determine Direction

Check the hinge open direction matches with the door.



## Installation

Refer to the opening direction selection diagram to distinguish left/right hinges according to parent R/L.



## Specification

Door Weight	Door Size	Hinges	Remarks
≤35kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤60kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤90kgs	≤2400x1100mm	hydraulic hinge x3	

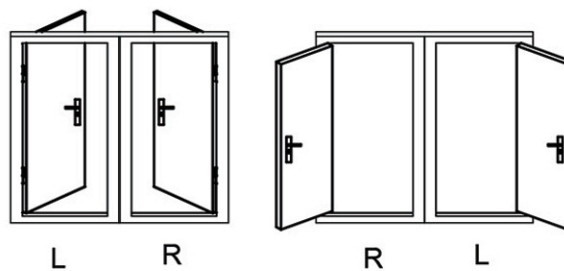
# G6 Glass Door Hydraulic Hinge

(for partition glass door)

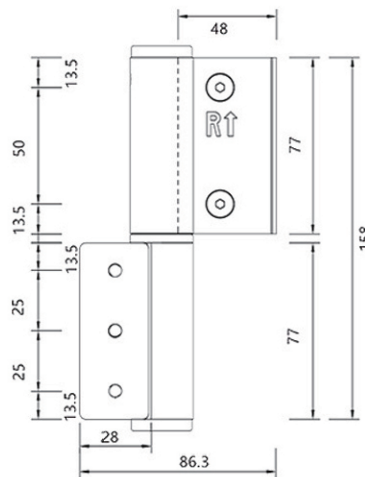


## Determine Direction

Check the hinge open direction matches with the door.



## Dimensions



## Specification

Door Weight	Door Size	Hinges	Remarks
≤50kgs	≤2000x700mm	hydraulic hinge x1 ball bearing hinge x1	better performance using hydraulic hinge x2
≤90kgs	≤2000x900mm	hydraulic hinge x2	door height over 2100mm, add a ball bearing hinge in the middle.
≤135kgs	≤2400x1100mm	hydraulic hinge x3	



# Concealed Door Hinge

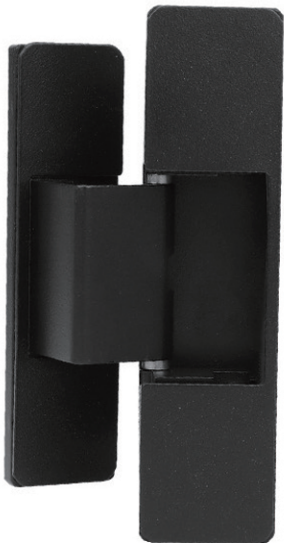
*Invisible after door closing.  
Minimalist design to fit simplicity space.*



**Material:** Aluminum alloy

**Finish:**  black  grey  gold  silver and others.

## Applications



Wood Door  
(adjustable directions)

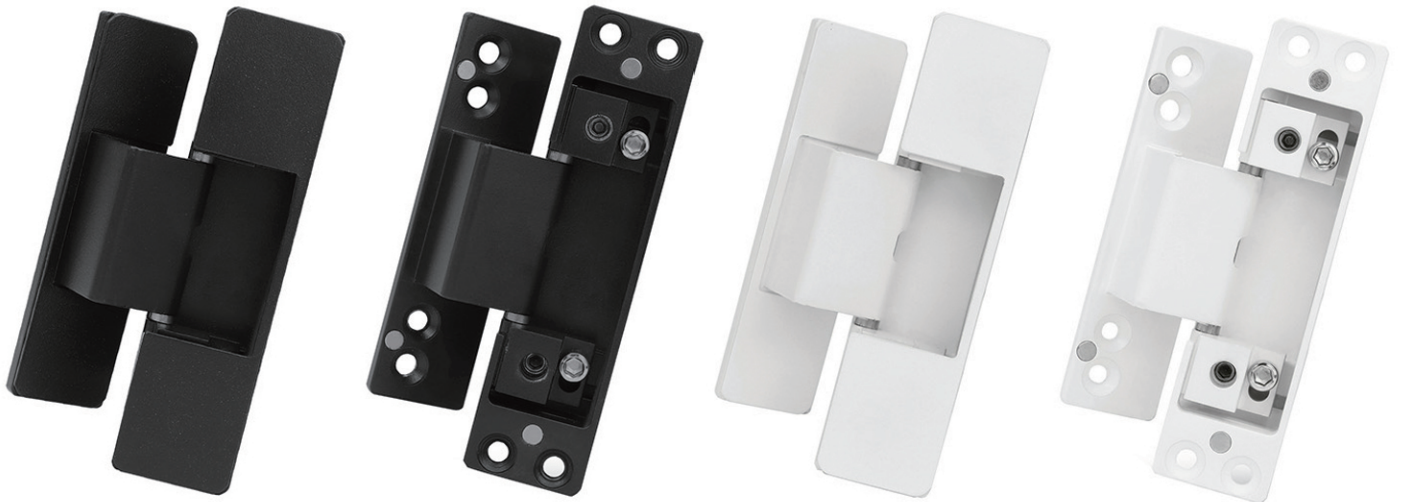


Glass Door  
(detachable hinges)



Glass Door  
(heavy-duty, narrow frame)

# CWD114 Concealed Door Hinge

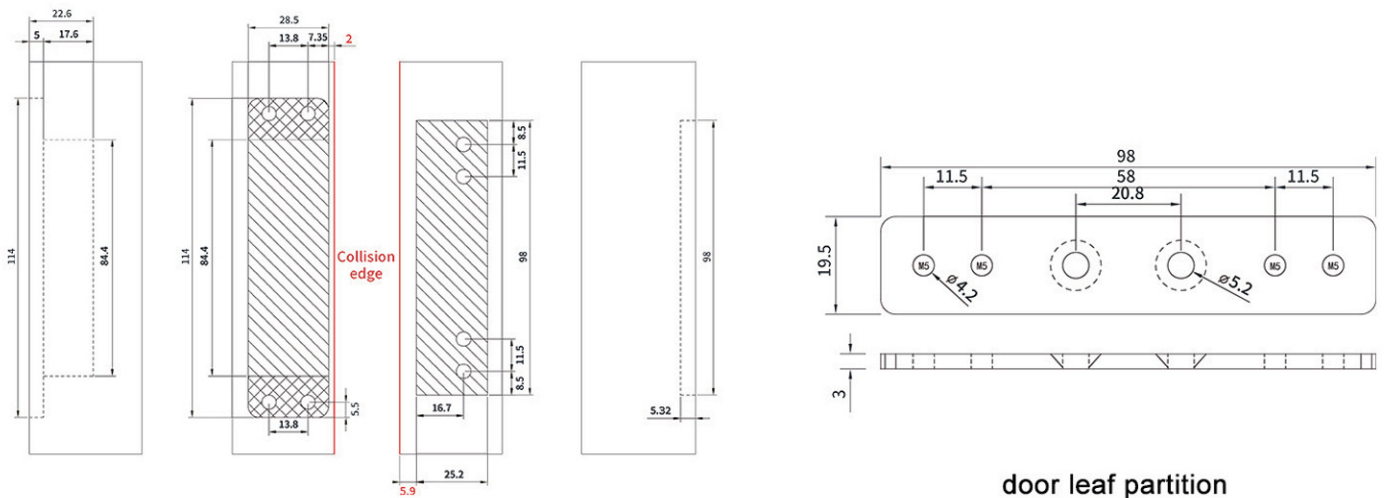


## General Information

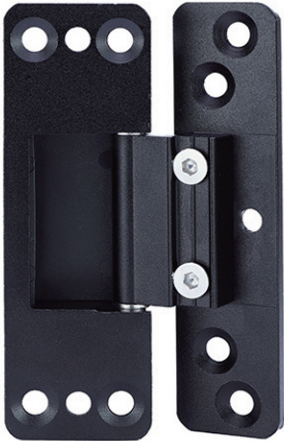
- Wood door use.
- Max. loading of door weight: 22kgs.
- Max. door opening 110°.
- Available finishes.
- Adjustable hinge either up/down, and forward/backward in case the wood door is misaligned after use for a while.



## Installation View



# 3597 Concealed Door Hinge



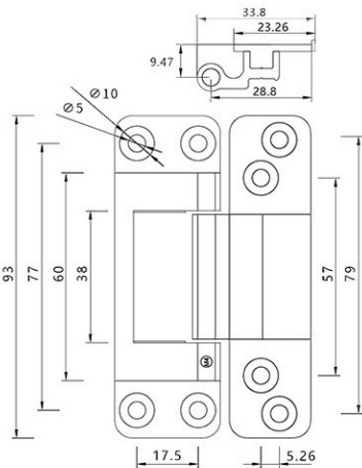
## General Information

- Glass door use.
- Max. loading of door weight: 22kgs.
- Max. door opening 110°.
- Door thickness: 35, 40, 45mm

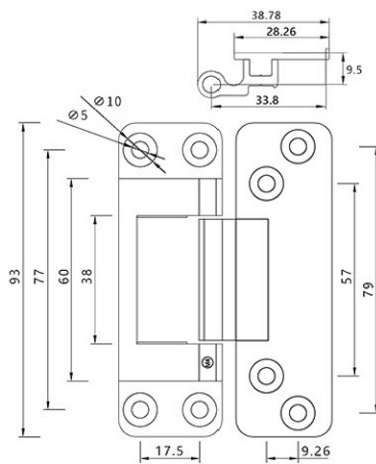
- Detachable hinges.
- Available finishes.



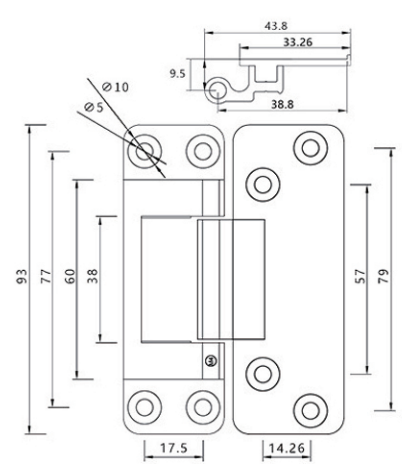
## Dimensions



for 35mm frame



for 40mm frame



for 45mm frame

# 4583 Concealed Door Hinge

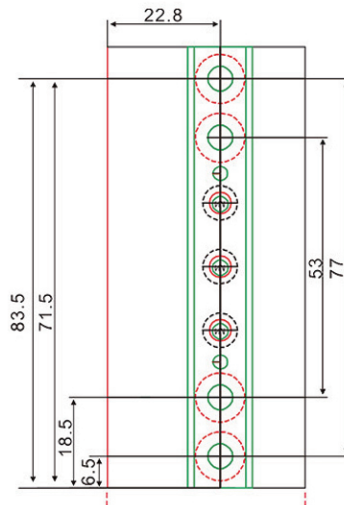


## General Information

- Glass door use.
- Narrow hinge.
- Heavy-duty loading of door weight: 25kgs.
- Max. door opening 110°.
- Door thickness: 35, 40, 45mm
- Available finishes.

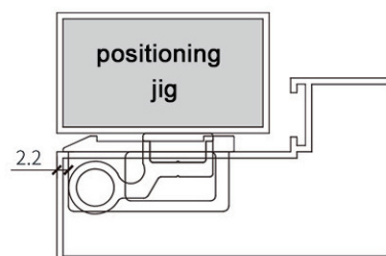


## Dimensions



## Installation

Using a positioning jig for drilling holes according to the door thickness 35, 40, or 45mm.









## BSI Agent

### KEYLINE CONSULTING SDN BHD


 Ground Floor, Wisma Pineapple, Lot 135, Jalan  
1/89B, 3 1/2 Miles Off Jalan Sungai Besi, 57100  
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