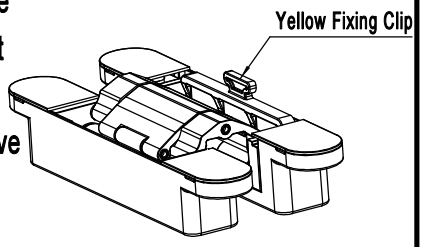
Concealed Closer Hinge Installation Manual

Special tips:

1.When installing this hydraulic hinge, mount the door frame to the wall as firmly as possible to avoid loosening of the door frame after long-term use.

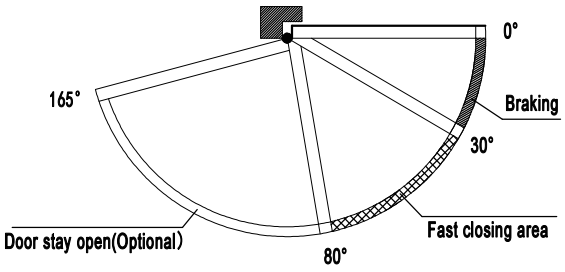
2.When installing this hydraulic hinge, it is recommended to choose a magnetic lock or a mechanical lock with a lighter latch.

★ Note: The fixing clip is used to prevent the hinge from closing during installation. Do not remove this fixing clip during the installation process. After installation is complete, remove the fixing clip before closing the door; otherwise, it may damage the door and the hydraulic hinge.

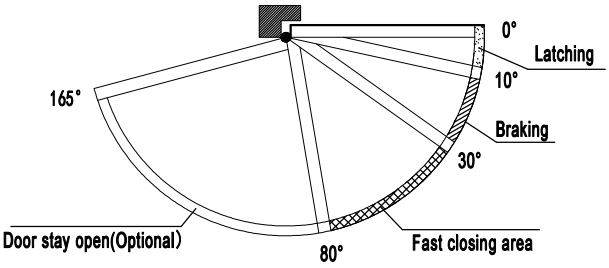


Function diagram：

Concealed Closer Hinge (no latching)



Concealed Closer Hinge (with latching)



♦Technical Data

1.Maximum open angle: 165°；

2. Main material: Aluminum titanium alloy；

3.Two dimensional adjustable: Left and right ±2.5mm,up and down ± 2.5mm；

4. Hold open；.

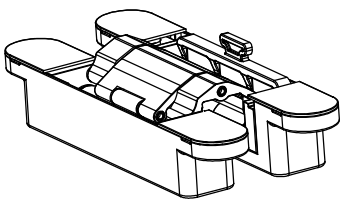
5.Closing force: 4N.m/pc ；

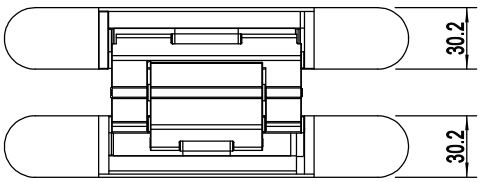
6.Applicable temperature range: -5℃—45℃；

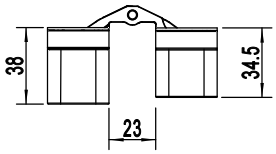
7.Service life: 100,000 times.

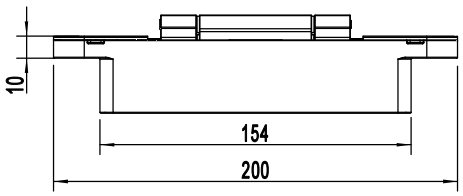
Configuration	Applicable door specifications / types				Optional features	
	Door Weight (kg)	Door Height (mm)	Door Width (mm)	Door Thickness (mm)	Latching	Finish
Hydraulic 2pcs	60	≤2300	≤900	≥42	□B (with latching) □W (No latching)	□Black □Gold □Silver □Grey Note: Other colors can be customized
Hydraulic 2pcs Empty 1pc	80	≤2800	≤1000			
Hydraulic 3pcs	100	≤2800	≤1000			

Dimension:



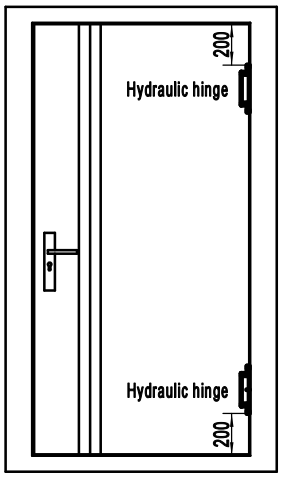




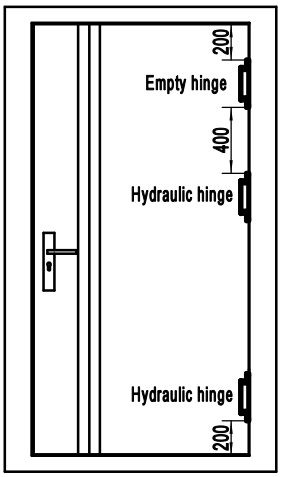


Recommended install position

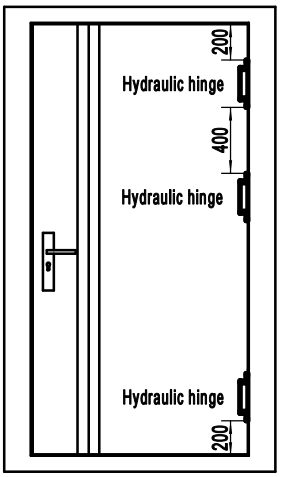
60Kg



80Kg

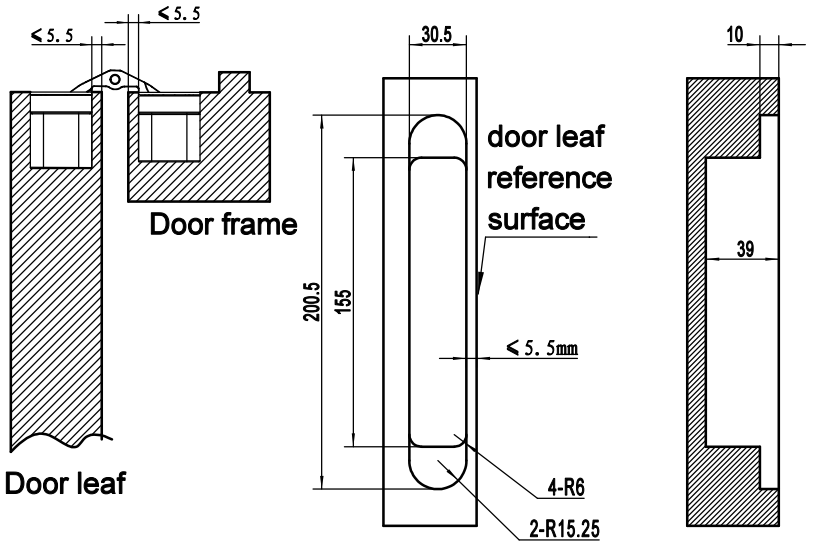


100Kg

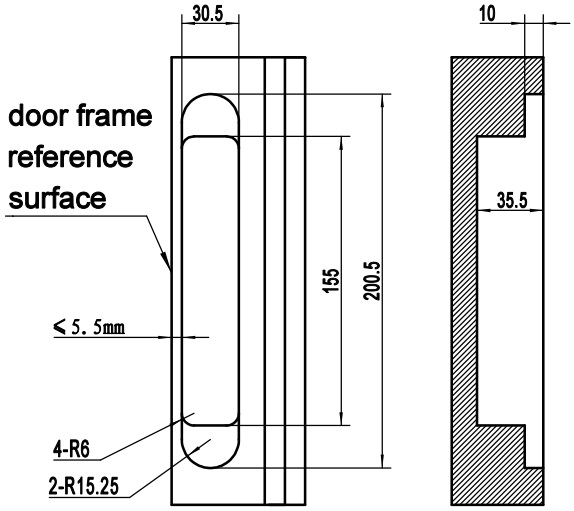


Cutting size:

Door leaf cutout

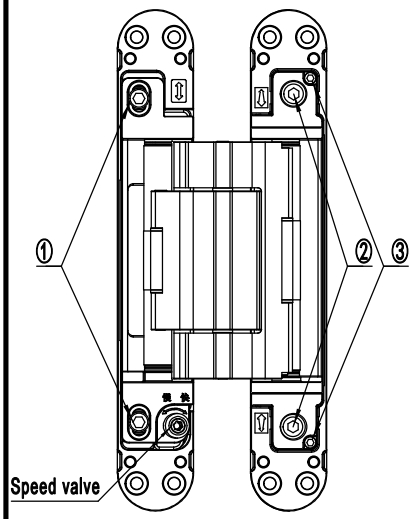


Door frame cutout

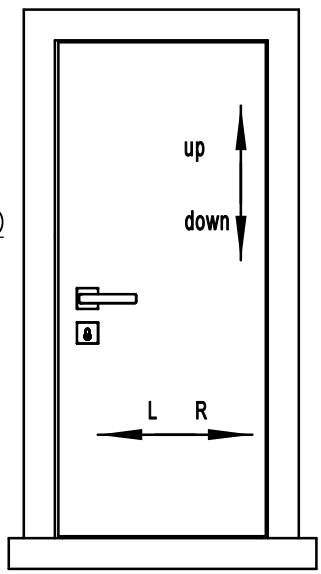


Door leaf alignment and Closing speed adjustment:

♦ Adjustment direction



Note: The speed valve should be pressed down and then rotated, otherwise the adjustment will not be effective.



♦ Adjustment instructions

Screw① is: Vertical direction adjustment screw, adjustment range ±2.5mm.
Screw ② is: Horizontal direction adjustment screw, adjustment range ±2.5mm.
Screw ③ is: Tighten screw, when the ② screw is adjusted, tighten the ③ screw.
Speed control valve: The speed valve should be pressed down and then rotated, otherwise the adjustment will not be effective. It is recommended to rotate the adjustment screw by 1-2 turns each time.

♦ Alignment steps

Vertical direction adjustment

Use the included hex wrench to loosen the two screws marked as ①. After adjusting the door to the desired height, support the door at the bottom with a spacer, then re-tighten the two screws marked as ①

Horizontal direction adjustment

Use the included hex wrench to turn the two screws marked as ② in the same direction. Turning them clockwise will increase the gap between the door leaf and the door frame, while turning them counterclockwise will decrease the gap

♦ Note: always lock all the adjustment screws after the adjustment is completed.