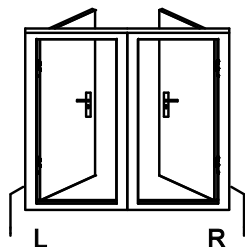


Hydraulic door hinge instruction manual

Notice to read before



1. Distinguish door open direction according to the above picture. "L"-left open hinge, "R"-right open hinge.

Hydraulic hinge



Spring hinge



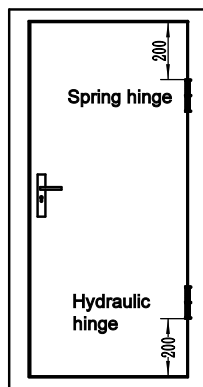
Empty hinge



2. Identify the three kinds of hinges: Hydraulic hinge has adjusting screw on bottom. Spring hinge has a set screw on shaft. Empty hinge has no screw on shaft.

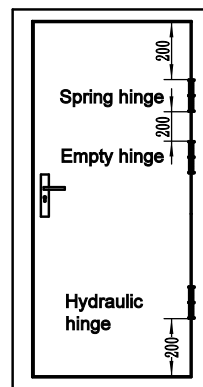
Recommended install position

M2-40



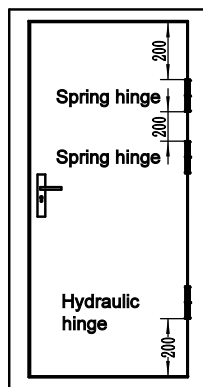
Door weight $\leq 40\text{kg}$
Door height $\leq 2000\text{ mm}$
Door width $\leq 800\text{ mm}$

M2-60



Door weight $\leq 40\text{-}60\text{kg}$
Door height $\leq 2200\text{ mm}$
Door width $\leq 900\text{ mm}$

M2-80

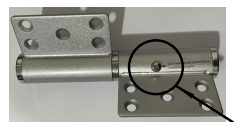
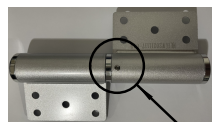


Door weight $\leq 60\text{-}80\text{kg}$
Door height $\leq 2400\text{ mm}$
Door width $\leq 1200\text{ mm}$

3. Check if the hinge open direction and load capacity match with the door.
The installation position and order of hinges follow the picture above.

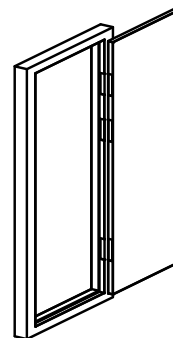


4. Pay attention to the direction of hinges. The side with "UP" label is installed upward. For hydraulic hinge, the side with Fast/Slow label is installed upward.



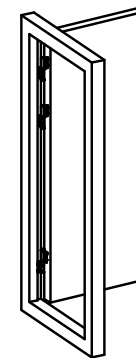
5. Do not remove the screw of spring hinge until installation is done. The set screw on the hydraulic hinge shaft could not be removed anytime.

Installation steps:



Door frame and door panel no need cutting slot!

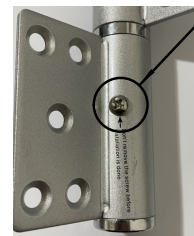
1. Draw lines on the door frame and door panel, secure the page to the door panel in installation order and requirements.



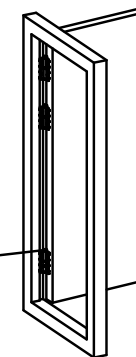
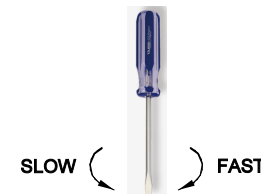
The top and bottom hinge could be taken apart, prevent falling during installation.

2. Then pad the door panel and secure the compound to the door frame to ensure that the three closures are on the same center line.

Do not open or close the door before removing the set screw on spring hinge.

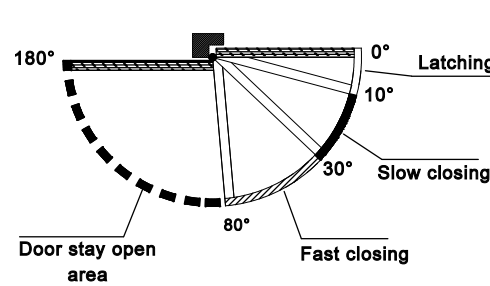


3. After installation, use Allen key to remove the screw from the shaft of spring hinge. Check if the door can close smooth and quiet.



4. Closing speed adjustment: Use screwdriver to turn the adjusting screw on the top of hydraulic hinge to reach suitable closing effect.

Functional diagram:



Notice:

- When open the door, open enough angle ($>45^\circ$) to avoid being hit by self closing door.
- This product has self soft close function, please do not force the self closing door to close quickly as it may cause malfunction.
- The wind or closed air pressure may have influence on the closing effect in temporary, which is not belong to malfunction.
- Check tightness of the set screws after long-term use, the screws should be tightened if become loose.
- Do not weld the hinge.
- Do not knock the hinge.