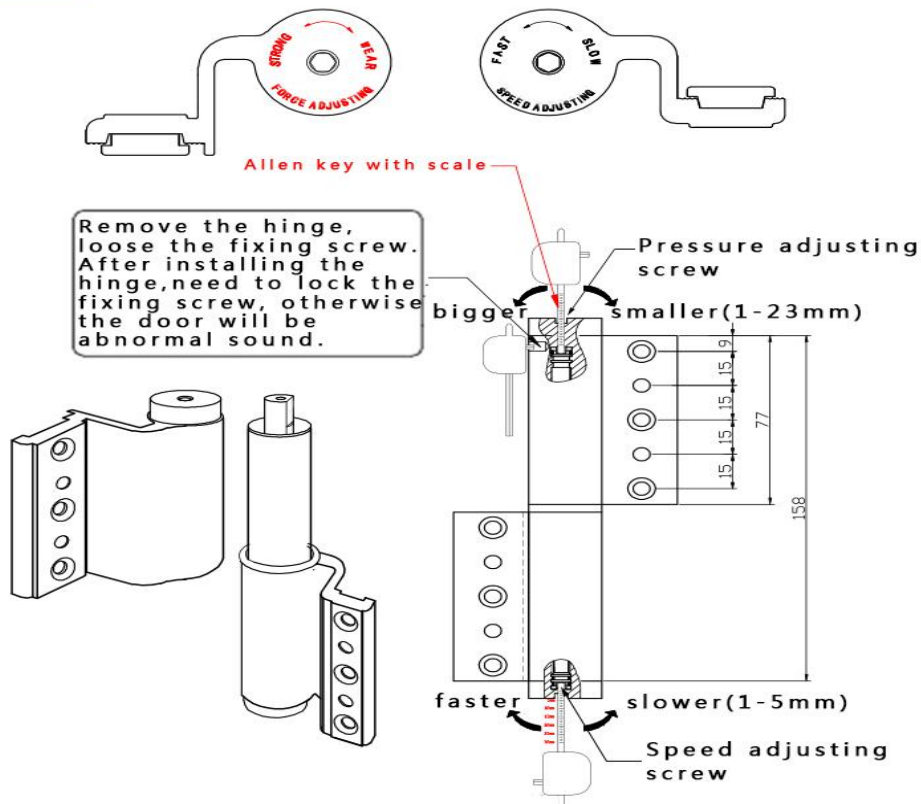


Aluminum door series

Multifunctional hydraulic hinge instruction



7 Remove the hinges or doors:

1. This hinge is composed by two leaves, from the endings of this two leaves we may adjust door closing speed and closing power. This is convenient if many hinges are going to be installed at the same time, please steps one by one as following, firstly loose the fixing screw and turn two hinge leaves to an angle of 92°, at which door will stop, then use allen key with scale to put door closing power at 10-20mm position, take off the upper leaf, then fix the upper and lower hinge leaves to door leaf and door frame accordingly.

2. After installed the door, loosen the fixing screw and open the door to the 92°. The door closing force is within the range of 10-20mm (The reason is that the door set to make the same fan on the axis of the concave at the same angle when the installation can be successfully set.) The door leaf can be pulled up without removing the hinge.



Hydraulic Hinge Feature

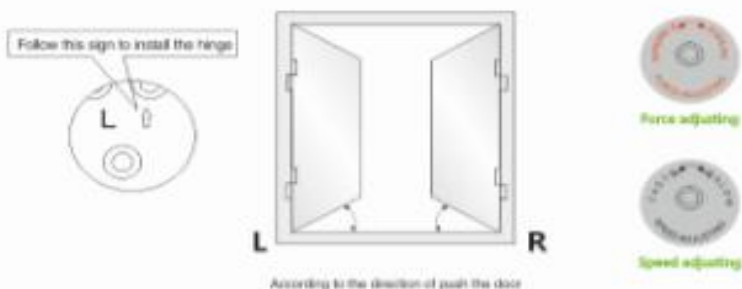
1. Open door angle at 92°, and stop door angle at 160°;
2. Door stops at any position among 92°-160°;
3. Fast closing angle 85°-30°;
4. Slow closing between 30°-10°;
5. Strength into the lock when less than 10°;
6. Force and speed can be adjustable;

Suggestion of select hydraulic hinge as follow

Door Weight	Door Size	Hinge QTY(PC)	Remark
≤40KG	≤2000mm×750mm	1 hydraulic+1 dummy	2pcs hydraulic more perfect
≤70KG	≤2100mm×850mm	2pcs hydraulic	2 hydraulic+1 dummy if door height exceed 2100mm(3pcs hydraulic more perfect)
≤90KG	≤2400mm×1000mm	3pcs hydraulic	

How to distinguish the hinge direction (Left or Right)

When **push** the door, the hinge of the door installed on the left is "L" left hinge, the reverse is "R" right hinge.



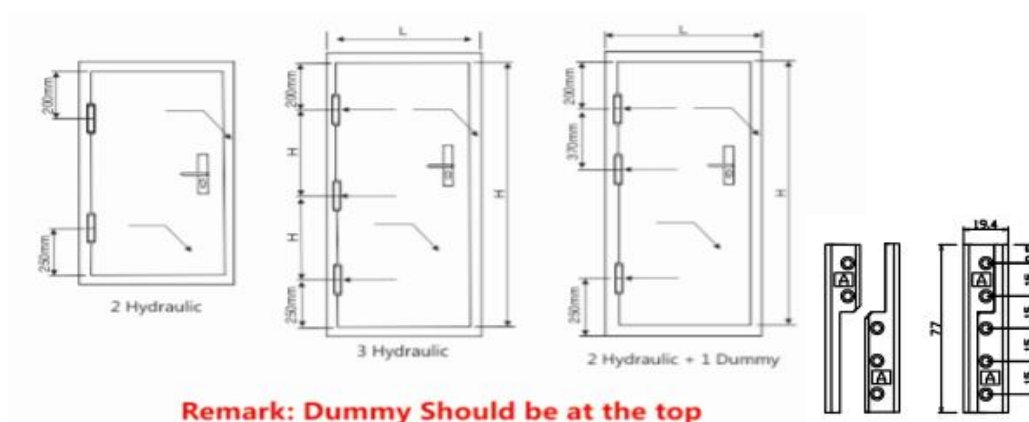
Preparation before installation

1. Double check the status without any function (Insert the allen key into the adjustment 0-2mm, speed adjustment 0mm)

Remark: All the hinge have set the status without function before delivery;

2. Make sure the hinge on the right way L/R according to the instruction as

Installation position as below:



How to install

- ① A match with door frame / B match with door leaf
- ② Put A insert to the door frame, then tighten the screws, at last, use the hinge match with part A
- ③ Put B insert to the door leaf, same way with ②

Remark: Installation base can protect the door frame & hinge won't be damaged.

Adjustment

- ① Closing power adjustment to adjust the power while the door stays in locking angle, turn the power adjusting screw clockwise by 10-23mm with 3mm allen keys, then we got the power that close the door automatically while it is opened at an angle not more than 10-15mm roughly;

- ② Closing speed adjustment to turn the speed adjusting screw clockwise by 1-5mm with 3mm allen keys, the door will close slowly automatically between 30°-10°

Remark: Clockwise for slower closing speed, anticlockwise for faster closing speed)

Balce the power and speed adjustment above, to keep the door in best status as closing very fast between 85°-30°, slowly between 30°-10°, finally stay in door locking angle fluently