

# 1 Hydraulic Glass Door Hinge Instruction :

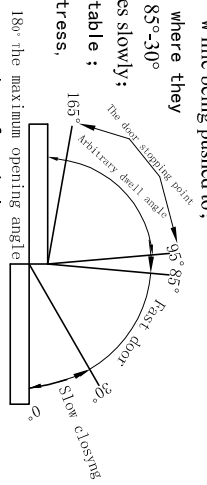
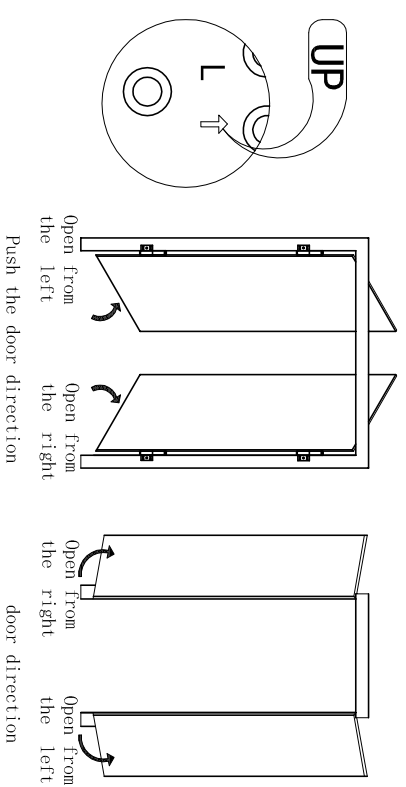
- 1、Open Door angle at 95° , and stop door angle at 165° ;
- 2、Glass door stops at any position among 90° –180° while being pushed to;
- 3、Glass door closes automatically while the angle where they stay is less than 85° . Glass door at the angle among 85°-30° can close fast while angle among 30°-0°, glass door closes slowly;
- 4、The glass door closing force and speed is adjustable ;
- 5、Multifunction of automatical close door, anti-stress, and door catcher ;
- 6、Glass door installed with hydraulic hinge can prevent door from being damage by wind. No noise is created and also, the glass door won't hurt human;
- 7、There are two kinds of hydraulic hinge, the left side and the right side. The left hinge marked with “L” is for door opens at the left side inner direction, while the right hinge with “R” is for door opens at right side inner direction.

## 2 Range of Application :

- This hydraulic glass door hinge is good for glass thickness is among 9mm-12mm. Hinge quantities to be used for different door weight and sizes. (one piece for max. Door weight is 30kgs) .
- 1、One hydraulic hinge and one normal hinge are used for those kinds of doors weight less than 35kgs or door size less than 2000MM \* 700MM.
  - 2、Two hydraulic hinges are used for those doors weight is among 35kg to 60kg or door side less than 2000MM \* 900MM. .
  - 3、Three hydraulic hinges are used for those doors weight is less than 90kg or door side less than 2400MM \* 1100MM.

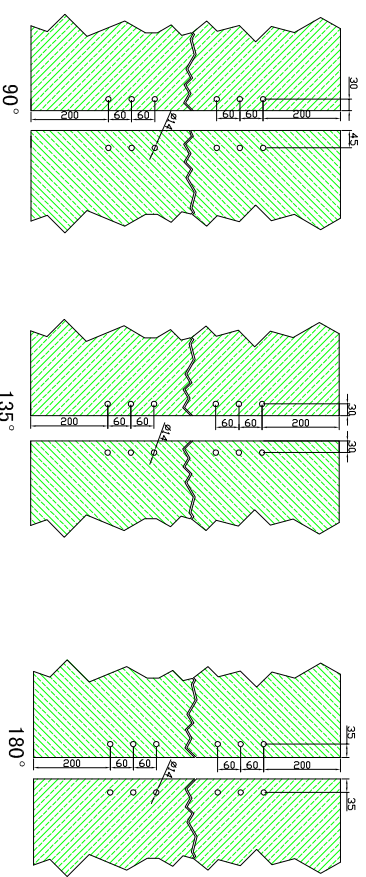
## 3 Preparation for Installation :

- 1、his hydraulic hinge is in the status with most fastest door closing speed at minimum power. (already been done, so it easy to be opened and installed.) :
- Remark: be aware of the adjustment crew cover should not be over the top;
- 2、Make sure about the door is opening towards L/left side or R/right side before installation

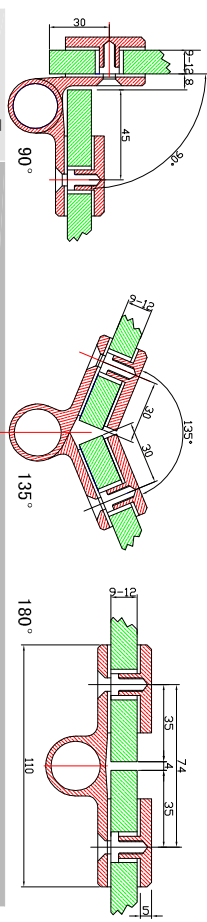


# 4 Function Explanation :

See the below picture for positions of hydraulic hinge installed :



## 5 Instruction for Hinge Installation of



- 1、No need to cut trough for installation, which is more simple
- 2、14mm hole should be cut.
- 2、Hinges can installed separated or entirely. A cushion shall be achieved to the glass door side to fasten the glass door. Use rubber pad at the bottom to hold glass door, loose screw, adjust door leaf space and hinges, then tighten up screw, remove the rubber pad.

## 6 Test :

1. Closing power adjustment to adjust the power while the doors stays in locking angle, turn the pressure adjusting screw clockwise by 10mm-15mm. .
2. Closing speed adjustment to turn the speed adjusting screw clockwise by 3mm-4mm with 3mm allen key ( i.e. 3 circles). Door can close slow while it is at the position among 30° -0°.

Remark:

1. Use the same force to adjust the same door hinges. S3 spanner marked with surveyor's rod. Use the same surveyor's rod number to adjust. 2. The adjustment screw should not be adjusted to over the screw cover. If heavy oil leakage happens, the hydraulic hinge will lose its function.