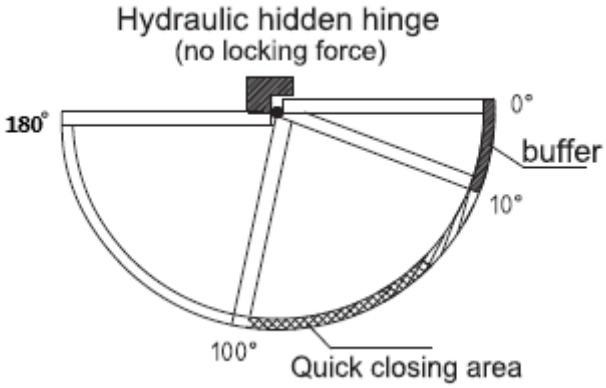
Hydraulic Concealed IWO SOFTTEC HINGE

Installation Instructions

Functional Diagram



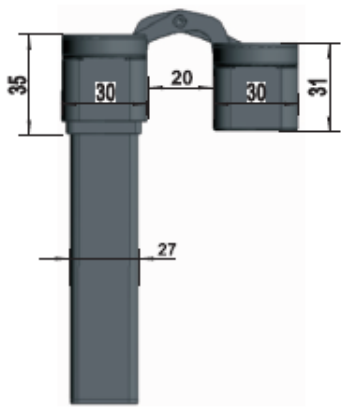
Performance and Parameters

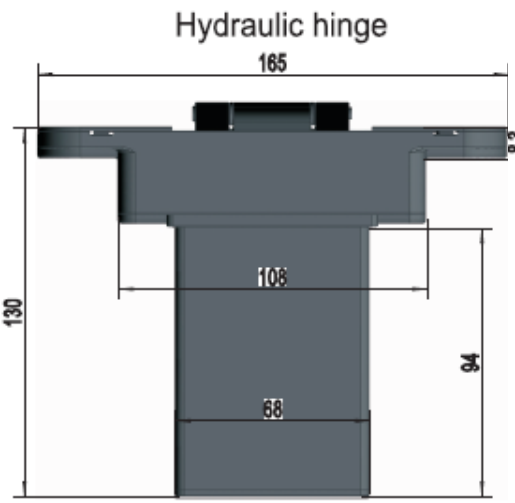
- **Maximum Opening Angle:** 180 degrees
- **Main Material:** Zinc alloy
- **Two-Dimensional Adjustment:** Left and right: ±2.5 mm, Up and down: ±2.5 mm
- **Single Door Closing Force:** 7 N·m
- **Applicable Temperature Range:** 10°C to +45°C
- **Service Life:** 200,000 cycles

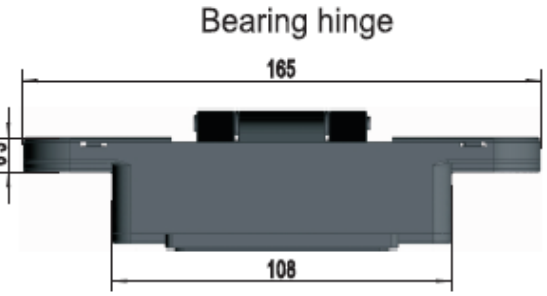
Hinge equipment	Max capacity	External dimension	Locking force	Surface color
2 hydraulic	60kg	Door thickness ≥42 mm Door height ≤2500mm Gate width ≤950 mm	No	■ ■ ■ ■ Note: Other colors can be customized
2 hydraulic 1 load bearing	80kg	Door thickness ≥42 mm Door height ≤2800mm Gate width ≤1000mm		

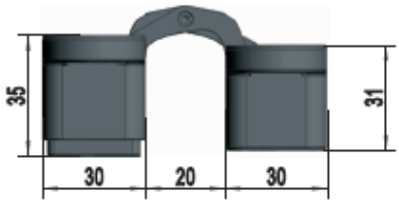
Installation Details

Outline Dimensions







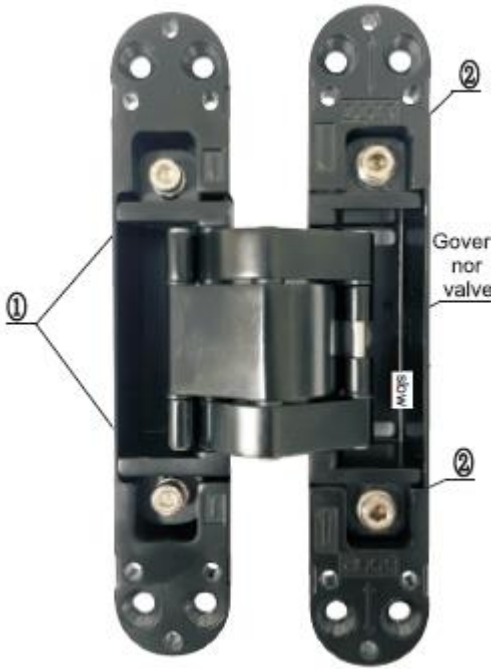


Hinge Installation Position

- Ensure the hinge is installed at the specified position on the door and frame as per the provided drawings.

Adjustment of Door Position and Closing Speed

1. **Vertical Adjustment Screws (No. 1):**
   Adjust the door height using the vertical screws, with an adjustment range of ±2.5 mm.
2. **Horizontal Adjustment Screws (No. 2):**
   Adjust the door alignment horizontally, with a range of ±2.5 mm.



3. **Closing Speed Control Valve:**

○ Use the speed control valve to adjust the door's closing speed.

○ Rotate the valve by 1/10 turn increments for precise control.

Adjustment Setup

- Use the included hexagonal wrench to loosen the vertical adjustment screws.
- Adjust the door to the desired height.
- Use a cushion block under the door to support it during adjustments.
- Tighten the screws securely after adjustments.

Additional Notes

- Always ensure the door frame and hinge positions are secure to prevent loosening over time.
- Regularly inspect and maintain the hinges to ensure optimal performance.

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