Hydraulically controlled self-closing hinges for frameless glass doors
P&M HX Hinges are heavy duty, hydraulically controlled hinges for double action frameless glass door. When using these hinges, the recommended maximum height and width for a 12mm thick tempered glass door is 2400mm x 900mm and the maximum load capacity is 65kg.

P&M HX hinges allow the design possibilities of avoiding messy hacking of concrete floor to receive door closer. Without the cover plate for the floor closer, the uniformity of the floor finish is maintained.

It is ideal for offices and homes, where the need for a hydraulic controlled hinged glass doors is even more pronounced. Widely specified by architects and designers for use in entrance glass door for wet kitchen, wash areas, poolside fencings, as the best solution to the common problem of water seepage into the cement box of a floor closer.

P&M HX Hinges are available in wall mount, offset wall mount and 180° glass to glass fixing. Made of high quality SUS304 stainless steel in satin finish.
Closing Ranges & Function

- Free Closing Range (85°-65°)
- Closing Range (65°-15°)
- Latching Range (15°-0°)
- 90° Hold Open / Non hold open (optional)
- Self-centering

Two adjustment valves provide full hydraulic control from 65° to 15° closing and 15° to 0° latching range.

Wall Mounted Hinge

- **Valve Control 1**
  - Closing (65°-15°)

- **Valve Control 2**
  - Latching (15°-0°)

**TOP HINGE**
- closure by spring power only (A)

**BOTTOM HINGE**
- with hydraulic control (B)
**HX901**

**Wall Mounted Hinge**

- Suitable for 10-13.52mm thick glass panel
- Maximum door weight: 65kg
- Maximum door width: 900mm
- Maximum door height: 2400mm
- Maximum Door opening: 95°
- Material: SUS304 Stainless Steel
- Finish: Satin Stainless Steel
- 90° Hold Open
  Non Hold (optional)

* Hinge package should always come in set of 2 hinges - one hinge (B) with hydraulic control and one hinge (A) with spring loaded only.

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**Glass Preparation**
**HX9010S**

*Wall Mounted (offset) Hinge*

- Suitable for 10-13.52mm thick glass panel
- Maximum door weight: 65kg
- Maximum door width: 900mm
- Maximum door height: 2400mm
- Maximum Door opening: 95°
- Material: SUS304 Stainless Steel
- Finish: Satin Stainless Steel
- 90° Hold Open
  - Non Hold (optional)

* Hinge package should always come in set of 2 hinges - one hinge (B) with hydraulic control and one hinge (A) with spring loaded only.
**HX902**

*180° Glass to Glass Hinge*

- Suitable for 10-13.52mm thick glass panel
- Maximum door weight: 65kg
- Maximum door width: 900mm
- Maximum door height: 2400mm
- Maximum Door opening: 95°
- Material: SUS304 Stainless Steel
- Finish: Satin Stainless Steel
- 90° Hold Open
- Non Hold (optional)

*Hinge package should always come in set of 2 hinges - one hinge (B) with hydraulic control and one hinge (A) with spring loaded only.*
180° Glass to Glass Hydraulic Hinge

**HX902 Glass Preparation**

- **A** TOP HINGE
  - closure by spring power only

- **B** BOTTOM HINGE
  - with hydraulic control

**Valve Control 2**
- Latching (15°-90°)

**Valve Control 1**
- Closing (65°-15°)
Technical Data

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Due to the company’s policy of continuous product development and enhancement, the specifications and details contained in this brochure are subject to alteration without prior notice. The dimensions, details, specifications and statements made herein or by our representatives arising out of any enquiries are given for information purposes only. They are not intended to have any legal effect and the company will not be bound thereby. The company will only accept obligations which are expressly negotiated for, and agreed and incorporated into written agreements made specifically with its respective customers.

Related Products

- **Door Handles – Melosa Series**
- **Patch Fittings – Merlin & Prima Series**
- **Latches & Locks – Alden Series**

Preference Pte Ltd
No.2 Kallang Pudding Road #01-02 Mactech Building Singapore 349307
Tel: (65) 6746 5185  Fax: (65) 6746 8749  Email: enquiry@preference.com.sg  Website: www.preference.com.sg