

3D CONCEALED

AXC-3D

Product Overview

Designed for high-performance commercial applications, our 3D Concealed Hydraulic Hinge combines durability, precision, and smooth operation. Engineered with a self-closing hydraulic system and adjustable closing speed, this hinge provides seamless functionality while maintaining a sleek, hidden aesthetic.



Black
(BL)



Satin Nickel
(SN)



White
(WH)



Satin Chrome
(SC)



Satin Brass
(SB)

Common Sets

Door Weight	Door Size	Closer Hinge / Free Swing Hinge
Up to 176 lbs	Up to 3'0" x 7'0"	2 Closer Hinges / 1 Free Swing Hinge
Up to 176 lbs	Up to 3'0" x 7'6"	2 Closer Hinges / 1 Free Swing Hinge
Up to 220 lbs	Up to 3'6" x 7'6"	3 Closer Hinges
Up to 220 lbs	Up to 3'6" x 9'0"	3 Closer Hinges / 1 Free Swing Hinge



Features

- Self-closing hydraulic mechanism
- 3D adjustability (height, depth, width)
- 170° maximum opening angle
- Hidden installation for clean appearance
- 3D Hydraulic Hinge: 88 lbs / Hinge
- 3D Free Swing Hinge: 110 lbs / Hinge

Applications

- Luxury hotels
- High-end residential projects
- Institutional buildings
- Commercial interiors

Specifications

- Material (Castings): Aluminum Alloy
- Material (Housing): Zinc Alloy
- Handed
- Hold Open from 85° to 170°
- Tested Cycles: Exceeds 500,000
- Min. Door Thickness: 1 3/4"

