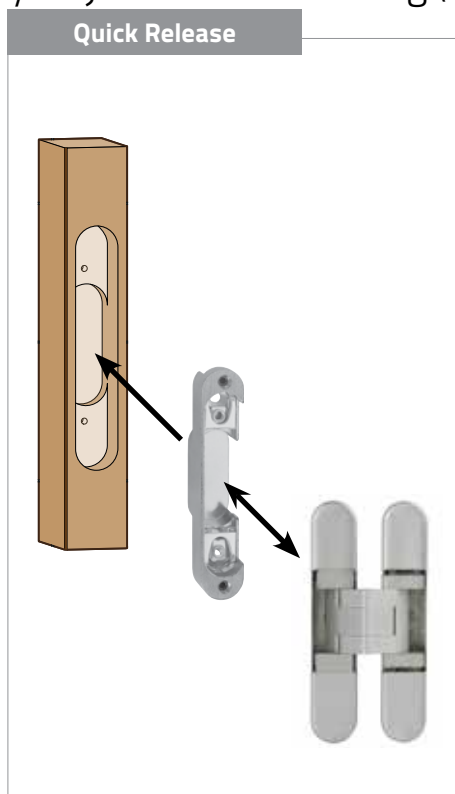


3D Concealed Hinge BAC929 Functional Data

Fully Adjustable: Max 18kg (based on door 2000 x 800mm)



The BAC929 3D adjustable concealed cupboard hinge is revolutionary in its design, and is rated to carry a 18kg cupboard door to 180° opening aperture.

A blended door to wall look and feel: once closed, the BAC929 hinge becomes invisible, hidden away by the jamb and the door butting up against each other.

Cupboard doors no longer need to be visually interrupted by the traditional butt hinge where the two leaves of the hinge meet and protrude out past the jamb.

The formal architectural composition of a wall can now continue without interruption, creating an aesthetically appealing appearance that is truly clean and elegant.

Quick release: CEAM's quick release system is revolutionary - once the hinge is installed, you never need to touch the door or jamb again.

The hinge sits within a cup, which is rebated and fixed to the door and jamb. The hinge is then fastened to the cup. As a result, if the door needs to come down, all you do is unscrew the locking bolts and remove the hinge from the cup.

The door can be removed and reinstalled for painting and adjustments without damaging timber or paint work, saving time and money.

3D Fully Concealed Adjustable Hinge for Cupboards

Door movement: over time, this can be an expensive problem to fix. Not with the BAC929 3D adjustable hinge; it specifically caters for door movement.

When movement occurs, a door may not close properly or rub the paintwork. With a traditional hinge, to fix this requires the door to come down, and then the door and/or jamb needs to be planed and repainted; a costly and time consuming effort.

Using the BAC929, simply adjust the position of the door via the settings within the hinge. This adjustment is done without the door coming down.



BAC929 Quick Facts

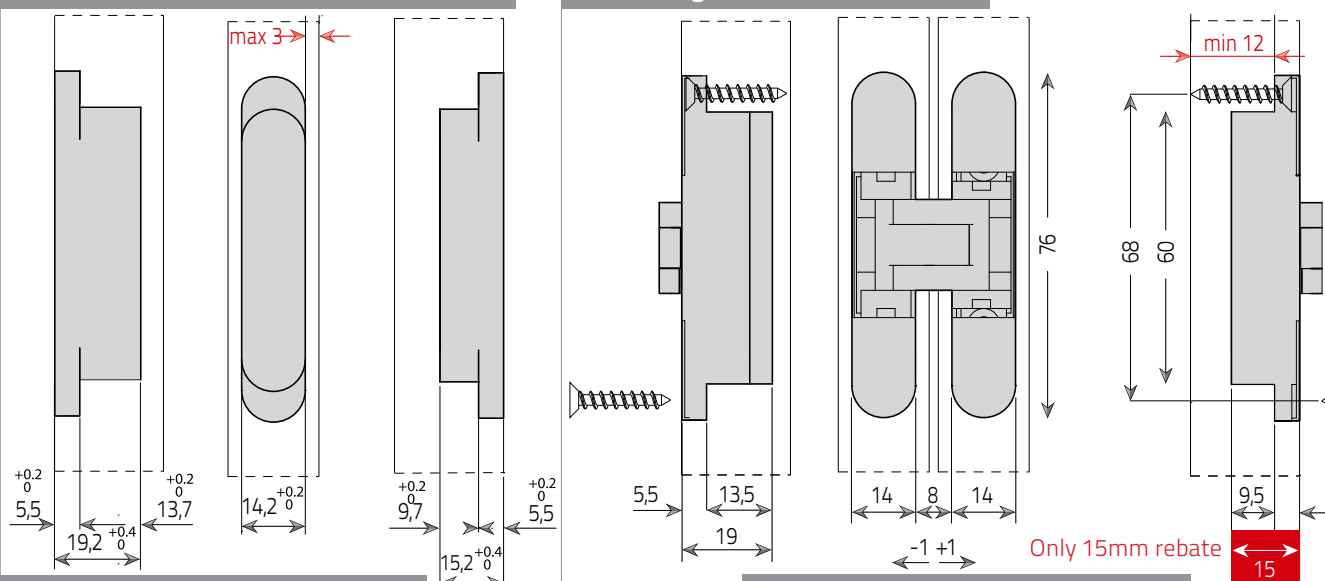
Min. door thickness	18mm
Max. door weight	18kg (subject to door dimensions)
Narrow timber rebate	15mm (ideal for thin jambs)
Gap when closed	2mm
Working aperture	180°
Manufacturing location	100% Made in Italy
Reliability	Certified to over 200,000 cycles
Adjustable	3D adjustment on 3 (X,Y,Z) axes
Quick Release	CEAM quick release system, never need to touch the door or jamb again



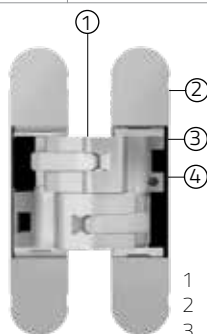
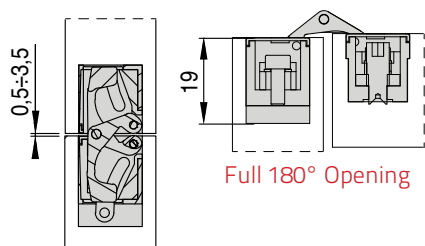
BAC929 Order Codes	
BAC929SI	Silver
BAC929NI	Polished Nickel
BAC929BL	Black
BAC929WH	White
BACJIG929-BACT929	Jig & hinge template (rent or buy) pg. 59 - 61

Fully Adjustable: Max 18kg (based on door 2000 x 800mm)

Hinge Measurements

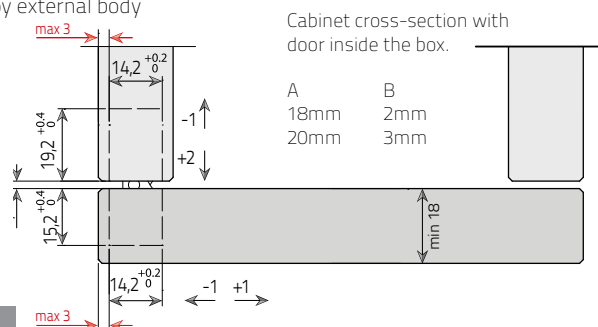
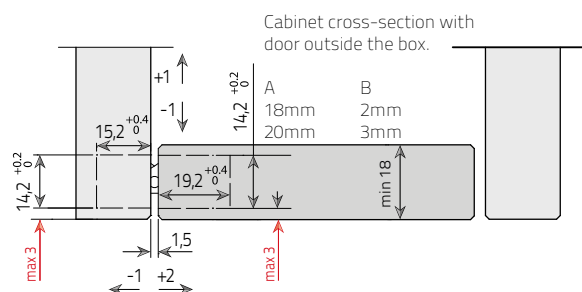


BAC929 Quick Facts



- 3D adjustable hinge for cupboards
- CEAM quick release system
- Available in multiple finishes
- 100% Made in Italy for over 50 years
- Suitable for high frequency opening doors
- Suitable for internal & external (under cover) locations
- Suitable for residential, commercial & industrial locations

- 1 Mechanism made from Zinc-alloy
- 2 Galvanized steel covers
- 3 Fiberglass internal body
- 4 Zinc-alloy external body



No. & Position of Hinges based on Door Height, Width & Weight

Adjustment

If used with a door closer, double the door weight.
A higher hinge class may be required - See page 58

■ 2 hinges ■ 3 asymmetrical hinges
■ 3 symmetrical hinges ■ 4 hinges

Use asymmetric for heavy usage or commercial use.

The diagram illustrates the 3D coordinate system and the printing process. At the top, a 3D coordinate system is shown with axes labeled x, y, and z. The x-axis points left, the y-axis points down, and the z-axis points up and to the right. Below this, a table lists the ranges for each axis:

x	- 1 mm / +1 mm
y	- 2 mm / + 2 mm
z	- 1 mm / +2 mm

Below the table, two 3D models of a printed part are shown. The left model is a simple rectangular block with a central vertical slot. The right model is a more complex structure with a central vertical slot and a horizontal slot, showing the internal structure of the part.