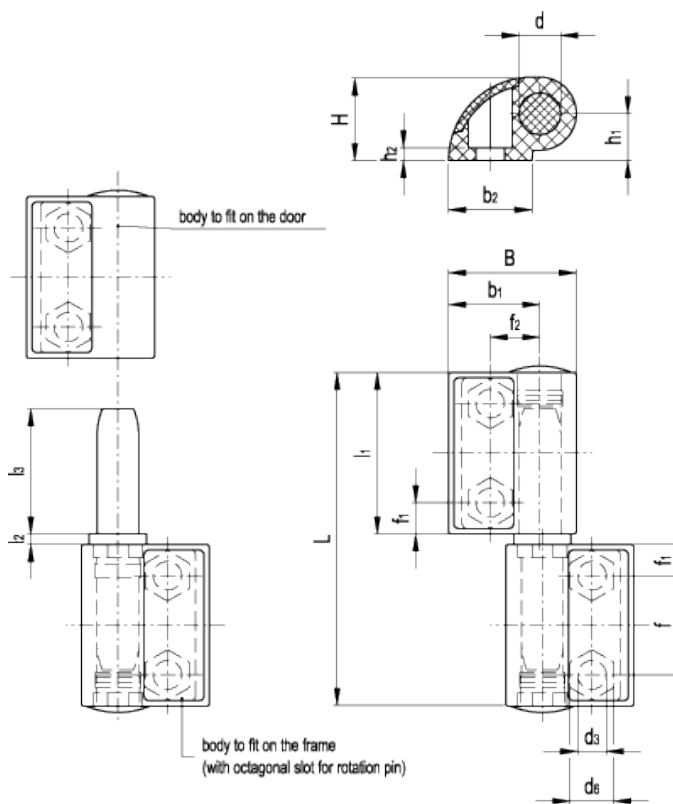


CFO.

Offset lift-off hinge

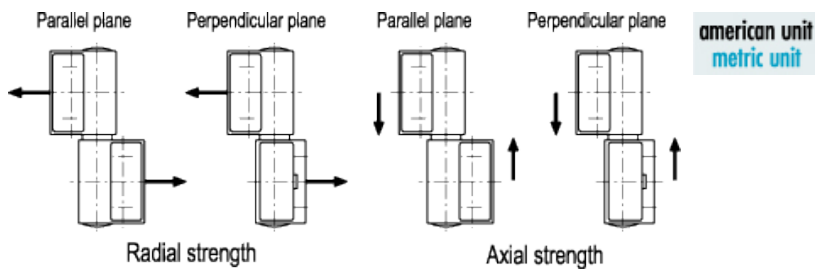


FM Design



american unit
metric unit

Elesa Standards		Main dimensions														Fitting			Weight
Code	Description	L	B	H	f	f ₁	f ₂	l ₁	l ₂	l ₃	h ₁	h ₂	b ₁	b ₂	d	d ₃	d ₆	lbs g	
426211-C9	CFO.65 EH-5-C9	2.52 64	0.96 24.5	0.63 16	0.75 19	0.24 6	0.37 9.5	1.22 31	0.08 2	0.94 24	0.35 9	0.1 2.5	0.69 17.5	0.63 16	0.31 8	0.22 5.5	0.33 8.5	0.055 25	



Elesa Standards		AXIAL STRENGTH	RADIAL STRENGTH	Maximum tightening torque [ft·lbf] [Nm]
		Maximum working load Ea [lbf] [N]	Maximum working load Er [lbf] [N]	
Code	Description	Parallel and perpendicular planes	Parallel and perpendicular planes	
426211-C9	CFO.65 EH-5-C9	65 290	45 200	4 5

The load at breakage data have not been calculated because CFO. hinges under working conditions exceeding the maximum working load values indicated in the tables, produce a plastic deformation which makes them no more usable.

Material

Glass-fibre reinforced polyamide based (PA) technopolymer. Resistant to solvents, oils, greases and other chemical agents.

Colour

Black, matte finish.

Rotation pin

Acetal resin based (POM) technopolymer, black colour.

Assembly

Through holes for hexagonal head screws, cylindrical head screws with hexagon socket or M5 normal nuts.

Screw-covers

Polyester based (PBT) technopolymer, black colour, glossy finish, snap-in assembly.

Covers for rotation pin housing

Technopolymer, black colour, matte finish; to be fitted after assembly.

Special executions on request (For sufficient quantities)

Screw-covers in other RAL colours.

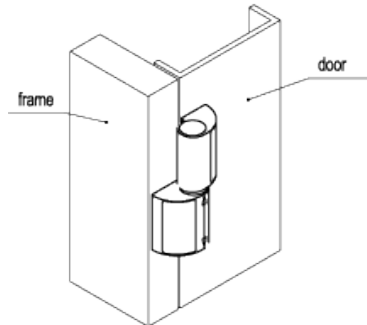
Features and applications

CFO. offset lift-off hinges have been designed with a particular system patented by ELESA which allows the adjustment of the inclination of the door on the frame.

They can be mounted on doors which open on the right or on the left side. The two bodies of the hinge have two rotation pin housings each: the one which remains on the outer edge of the hinge can be closed with the supplied covers.



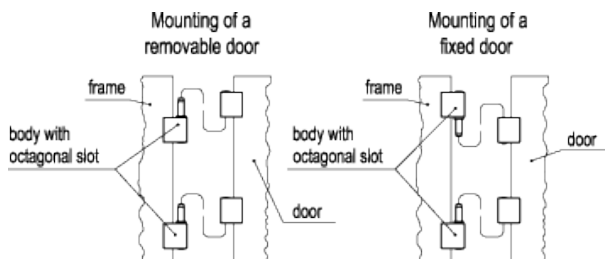
Application example

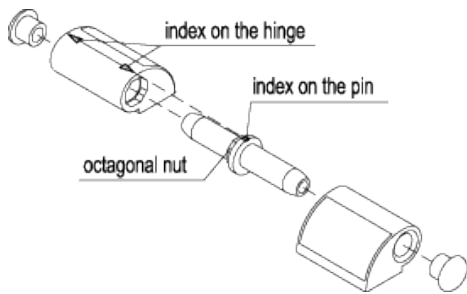


To choose the convenient type and the right number of hinges for your application, see the [Guidelines](#).

Assembly instructions

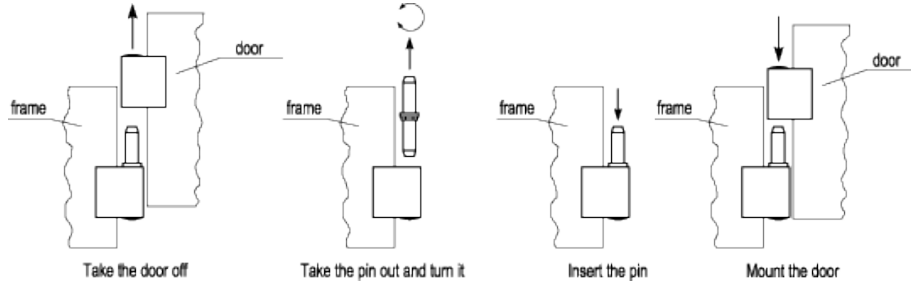
1. Fit the hinge bodies with octagonal slot for rotation pin on the frame and the other two bodies with cylindrical slot on the door.
2. Insert the pins with octagonal nut in the bodies fitted on the frame by matching the indexes engraved on the pin and on the hinge.
3. Mount the door by matching the hinge bodies on the pins.





Instructions for the adjustment of the door

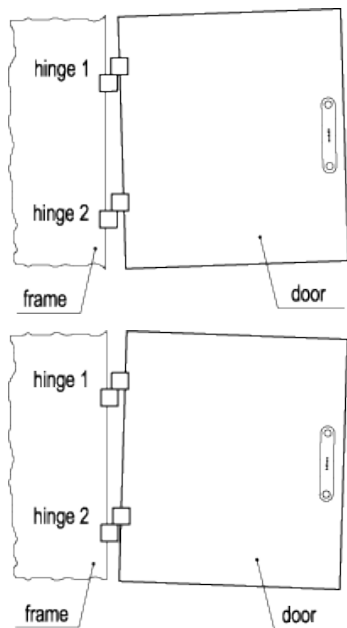
In case the door is off line with the frame, the inclination of the door can be adjusted by turning the pins clockwise or anticlockwise.



Adjustment examples

If the door is off line on the bottom side

In order to have the door in line with the frame, turn the pin of hinge 1 anticlockwise and the pin of hinge 2 by 45° or 90° clockwise.



If the door is off line on the top side

In order to have the door in line with the frame, turn the pin of hinge 1 clockwise and the pin of hinge 2 by 45° or 90° anticlockwise.

Off line adjustments

Each pin has eight different positions which allow the adjustment of off line door. To have the door in line with the frame, it can be necessary to adjust the pins of both hinges.

By turning the pin anticlockwise, the distance S increases +0.020 (+0.5 mm) while by turning the pin clockwise, it decreases -0.020 (-0.5 mm).

