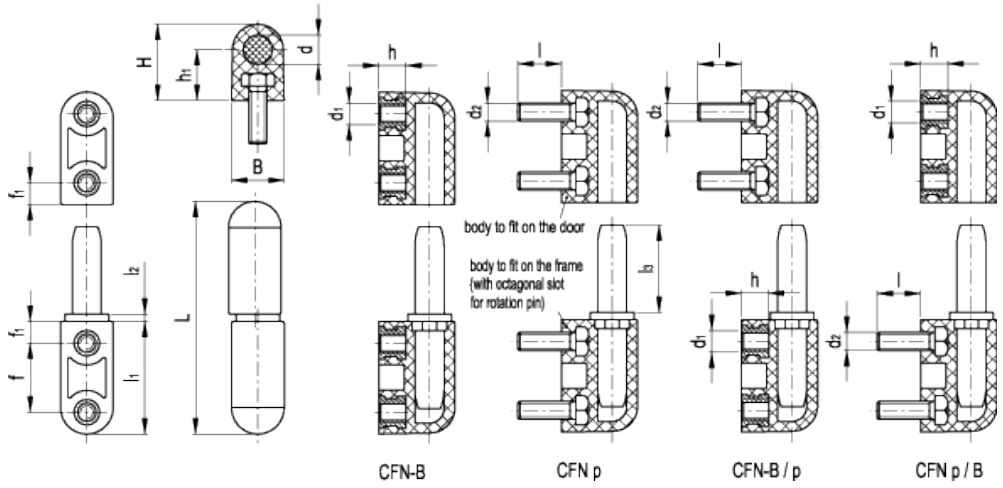
CFN.

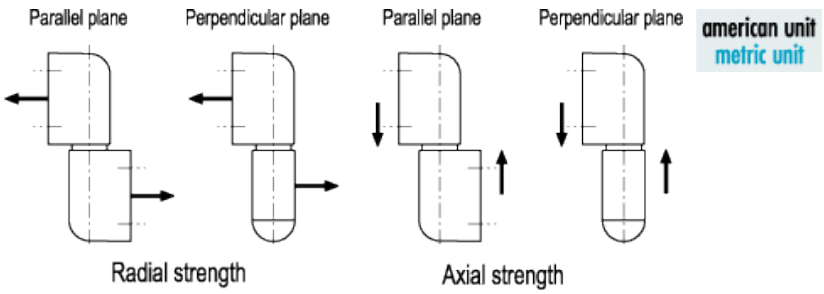
In line lift-off hinge

FM Design



american unit
metric unit

Elesa Standards		Main dimensions										Fitting				Weight
												Bushings		Studs		
Code	Description	L	B	H	f	f_1	l_1	l_2	l_3	h_1	d	d_1	h	d_2	l	lbs g
426111	CFN.65 B-M5	2.52 64	0.57 14.5	0.83 21	0.75 19	0.24 6	1.22 31	0.08 2	0.94 24	0.55 14	0.31 8	- M5	0.31 8	- -	- -	0.053 24
426121	CFN.65 p-M5x12	2.52 64	0.57 14.5	0.83 21	0.75 19	0.24 6	1.22 31	0.08 2	0.94 24	0.55 14	0.31 8	- -	- -	- M5	0.47 12	0.066 30
426131	CFN.65 B-M5-p-M5x12	2.52 64	0.57 14.5	0.83 21	0.75 19	0.24 6	1.22 31	0.08 2	0.94 24	0.55 14	0.31 8	- M5	0.31 8	- M5	0.47 12	0.059 27
426141	CFN.65 p-M5x12-B-M5	2.52 64	0.57 14.5	0.83 21	0.75 19	0.24 6	1.22 31	0.08 2	0.94 24	0.55 14	0.31 8	- M5	0.31 8	- M5	0.47 12	0.059 27



american unit
metric unit

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	
426111	CFN.65	132 590	45 200	4 5

The load at breakage data have not been calculated because CFN. 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.

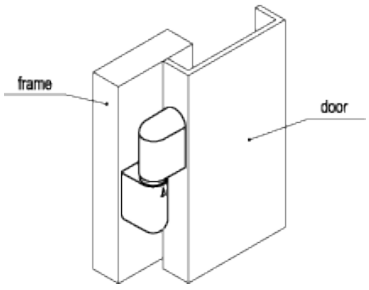
Colour
Black, matte finish.

Rotation pin
Acetal resin based (POM) technopolymer, black colour.

Assembly
- B: nickel-plated brass bushings, tapped hole.
- p: nickel-plated steel threaded studs.
- B/p - p/B

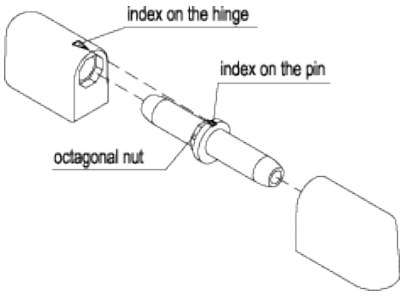
Features
CFN. in line lift-off hinges have been designed with a particular system patented by ELESA which allows the adjustment of the inclination of the door on the frame.

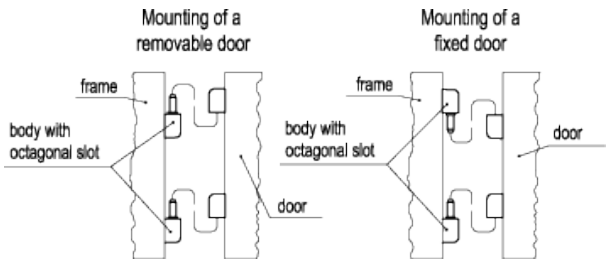
Application example



To choose the convenient type and the right number of hinges for your application, see the Guidelines.

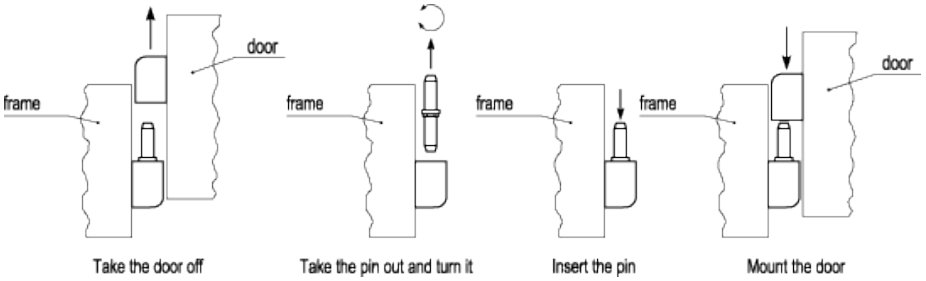
Assembly instructions
1. Fit the hinge bodies with octagonal slot for rotation pin on the frame and the other two bodies with cylindrical slot on the door.
2. Insert the pins with octagonal nut in the bodies fitted on the frame by matching the indexes engraved on the pin and on the hinge.
3. Mount the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



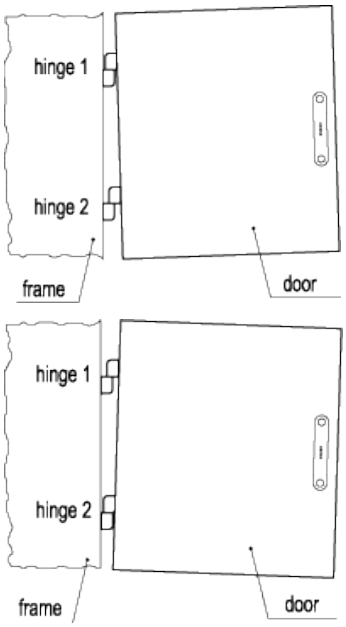


Instructions for the adjustment of the door

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 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).