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MATERIAL

Glass-fibre reinforced polyamide based (PA) technopolymer, black colour, matte finish.

AJUSTABLE PIN WITH OCTAGONAL SLOT

Acetal based (POM) technopolymer, black colour.

STANDARD EXECUTIONS

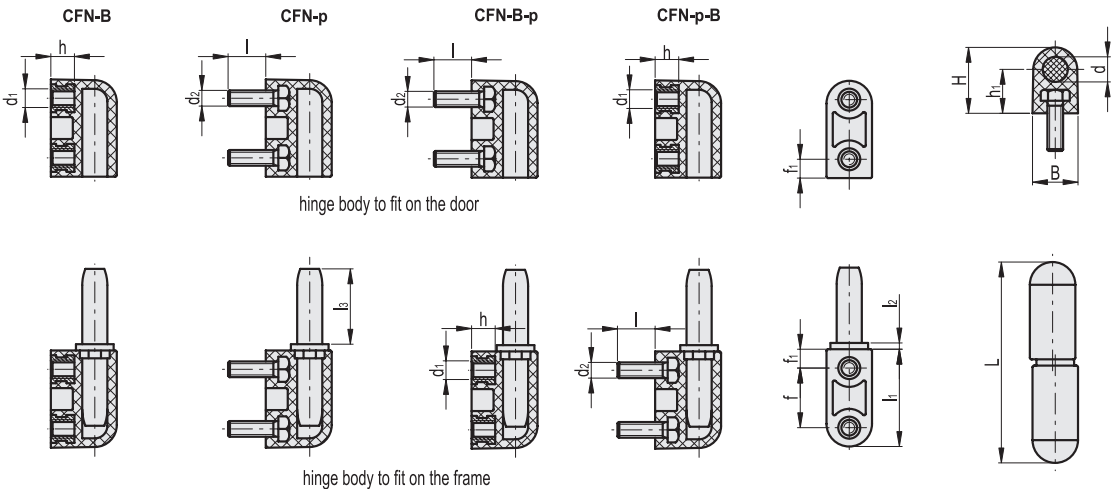
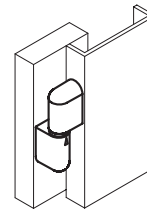
- **CFN-B**: nickel-plated brass bosses with threaded hole.
- **CFN-p**: nickel-plated steel threaded studs.
- **CFN-B-p**: nickel-plated brass bosses with threaded hole and nickel-plated steel threaded studs.
- **CFN-p-B**: nickel-plated steel threaded studs and nickel-plated brass bosses with threaded hole.

FEATURES

CFN. in line lift-off hinges (ELESA patent) have been designed to adjust possible misalignments between the door and the frame. To choose the convenient type and the right number of hinges for your application, see the Guidelines (see page 952).



FMM design



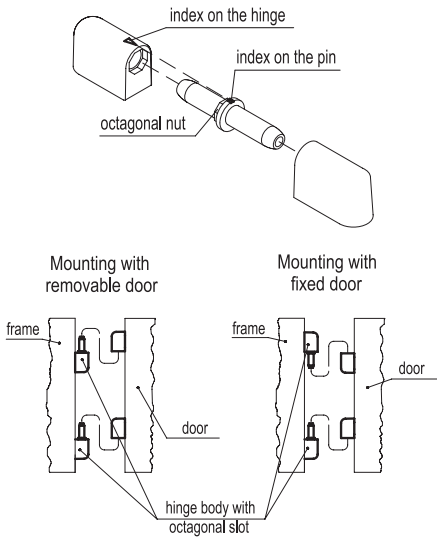
| Code | Description | L | B | d1 | h | d2 | l | f | f1 | H | h1 | l1 | l2 | l3 | d | C# [Nm] | △ |
|--------|---------------------|----|------|----|---|----|----|----|----|----|----|----|----|----|---|---------|----|
| 426111 | CFN.65 B-M5 | 64 | 14.5 | M5 | 8 | - | - | 19 | 6 | 21 | 14 | 31 | 2 | 24 | 8 | 5 | 24 |
| 426121 | CFN.65 p-M5x12 | 64 | 14.5 | - | - | M5 | 12 | 19 | 6 | 21 | 14 | 31 | 2 | 24 | 8 | 5 | 30 |
| 426131 | CFN.65 B-M5-p-M5x12 | 64 | 14.5 | M5 | 8 | M5 | 12 | 19 | 6 | 21 | 14 | 31 | 2 | 24 | 8 | 5 | 27 |
| 426141 | CFN.65 p-M5x12-B-M5 | 64 | 14.5 | M5 | 8 | M5 | 12 | 19 | 6 | 21 | 14 | 31 | 2 | 24 | 8 | 5 | 27 |

| Resistance tests | | | |
|--------------------------------|----------------------|--------------------------------|----------------------|
| AXIAL STRESS | | RADIAL STRESS | |
| Parallel planes | Perpendicular planes | Parallel planes | Perpendicular planes |
| Maximum working load Ea [N] | | Maximum working load Er [N] | |
| 590 | | 200 | |

The elastic deformation, which occurs on the hinge for values of load exceeding the ones indicated in the table, makes the load at breakage meaningless.

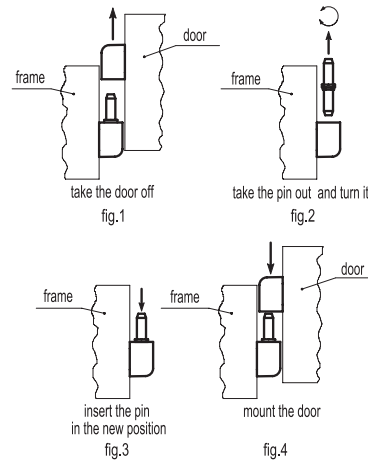
ASSEMBLY INSTRUCTIONS

1. Fit the hinge bodies with octagonal slot on the frame and the other two bodies with cylindrical slot on the door.
2. Insert the pins with octagonal slot in the two 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.



OFF LINE ADJUSTMENTS

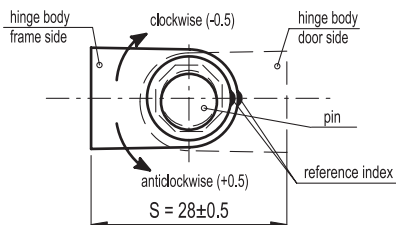
The pin has an octagonal slot which allows different positions for the adjustment of off line door (fig. 1-2-3-4). To have the door in line with the frame, it can be necessary to adjust the pins of both hinges.



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 octagonal slot of the pins clockwise or anticlockwise.

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



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 by 45° or 90° and the pin of hinge 2 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 by 45° or 90° and the pin of hinge 2 anticlockwise.

