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MATERIAL

Glass-fibre reinforced polyamide based (PA) technopolymer, certified self-extinguishing UL-94 V0, black colour, matte finish.

ROTATING PIN

AISI 303 stainless steel, totally moulded in the hinge body.

STANDARD EXECUTIONS

- **CFJ-AE-V0-B**: nickel-plated brass bosses with threaded hole.
- **CFJ-AE-V0-p**: nickel-plated steel threaded studs.

FEATURES AND APPLICATIONS

The CFJ-AE-V0 hinge can be used in all areas for which specific regulations require the use of materials capable of preventing the risk of fire. The pin is totally moulded in the hinge body (ELESA patent) thus it cannot be extracted, preventing any hinge tampering.

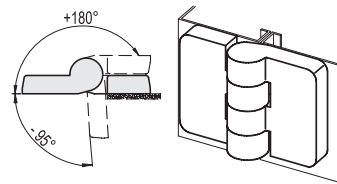
This characteristic makes the hinge particularly suitable for mounting on structures or equipments requiring protection against intrusion.

ROTATION ANGLE (APPROXIMATE VALUE)

Max 275° (-95° and +180° being 0° the condition where the two inter-connected surfaces are on the same plane).

Do not exceed the rotation angle limit so as not to prejudice the hinge mechanical performance.

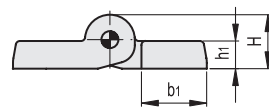
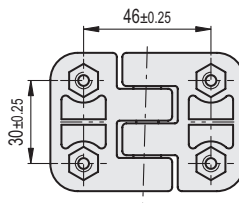
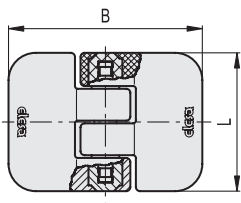
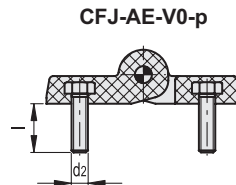
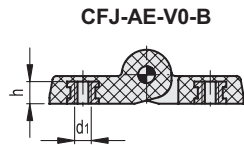
To choose the convenient type and the right number of hinges for your application, see the Guidelines (see page 952).



FMMdesign

Resistance tests	Axial Stress		Radial Stress		90° Angled Stress		
	Description	Maximum working load/rEa [N]	Load at breakage/rRa [N]	Maximum working load/rEr [N]	Load at breakage/rRr [N]	Maximum working load/rE90 [N]	Load at breakage/rR90 [N]
	CFJ.50-AE-V0 B-M6	900	2000	1200	2200	600	1000
	CFJ.50-AE-V0 p-M6x17	900	2000	1300	3200	700	1200

Conversion Table	
1 mm = 0,039 inch	
L	
mm	inch
50	1.95



CFJ-AE-V0-B

METRIC

Code	Description	L	B	d1	h	H	h1	b1	C# [Nm]	⚖️
149061	CFJ.50-AE-V0-B-M6	50	70	M6	8	19.5	10	23.5	5	66

CFJ-AE-V0-p

METRIC

Code	Description	L	B	d2	l	H	h1	b1	C# [Nm]	⚖️
149071	CFJ.50-AE-V0-p-M6x17	50	70	M6	17	19.5	10	23.5	4	71

Hinges and accessories

1 # Suggested tightening torque for assembly screws.