

Tamperproof hinges

Technopolymer certified self-extinguish

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.

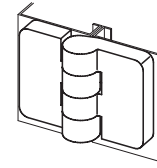
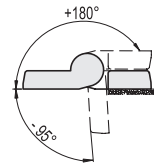
This characteristic makes the hinge particularly suitable for mounting on structures or equipment requiring protection against intrusion.

ROTATION ANGLE (APPROXIMATE VALUE)

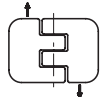
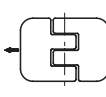

Max 275° (-95° and +180° being 0° the condition where the two interconnected surfaces are on the same plane).

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.

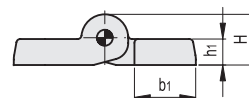
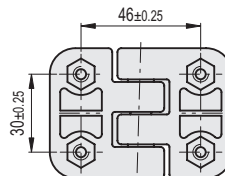
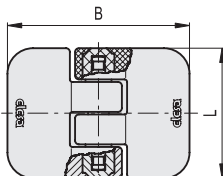
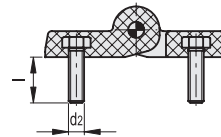
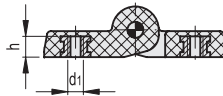


FMM design


Resistance tests	Axial Stress		Radial Stress		90° Angled Stress	
						
Description	Maximum working load Ea [N]	Load at breakage Ra [N]	Maximum working load Er [N]	Load at breakage Rr [N]	Maximum working load E90 [N]	Load at breakage R90 [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

CFJ-AE-V0-B


CFJ-AE-V0-p



CFJ-AE-V0-B

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

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

Suggested tightening torque for assembly screws.