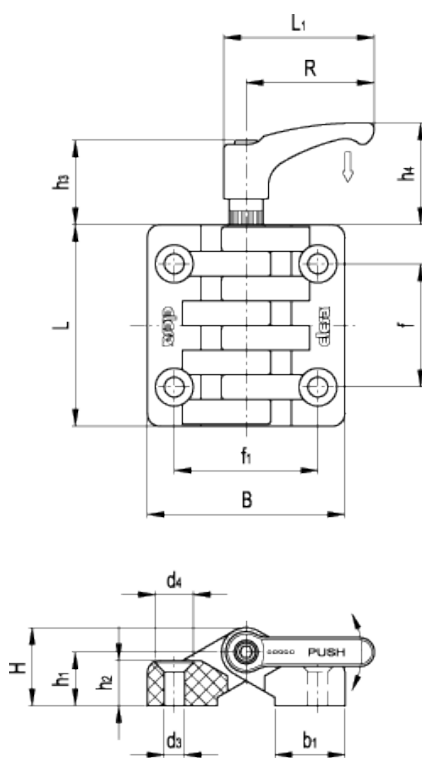


CFA-ERS

Hinges with friction brake



american unit
metric unit

Elesa Standards		Main dimensions												Fitting		Weight
Code	Description	L	B	f ±.0098	f ₁ ±.0098	H	h ₁	h ₂	b ₁	R	L ₁	h ₃	h ₄	d ₃	d ₄	lbs g
422134	CFA.49-ERS-SH-5	1.95 49.5	1.89 48	1.2 30.5	1.22 31	0.75 19	0.51 13	0.43 11	0.67 17	1.73 44	2.05 52	1.14 29	1.42 36	0.22 5.5	0.39 10	0.088 40
422234	CFA.65-ERS-SH-6	2.56 65	2.52 64	1.57 40	1.57 40	0.91 23	0.59 15	0.53 13.5	0.94 24	1.73 44	2.05 52	1.14 29	1.42 36	0.26 6.5	0.45 11.5	0.165 75
422334	CFA.97-ERS-SH-10	3.8 96.5	3.84 97.5	2.34 59.5	2.46 62.5	1.38 35	0.91 23	0.81 20.5	1.38 35	2.48 63	2.89 73.5	1.46 37	1.89 48	0.41 10.5	0.79 20	0.529 240

Hinge body

High resilience polyamide based (PA) technopolymer. Resistant to solvents, oils, greases and other chemical agents.

Colour

Black, matte finish.

Rotation pin
Black-oxide steel.

Assembly
Through holes for countersunk head screws.

Adjustable handle
Glass-fibre reinforced polyamide based (PA) technopolymer. Red writing "PUSH" tampoprinted on the lever body (avoid contact with solvents, alcohol or detergents containing alcohol).
Black-oxide steel retaining screw, AISI 302 stainless steel return spring.

Lever colour
Grey-black, matte finish.

Lever assembly
Black-oxide steel bushing, tapped blind hole (CFA.49 and CFA.65).
Brass bushing, tapped blind hole (CFA.97).

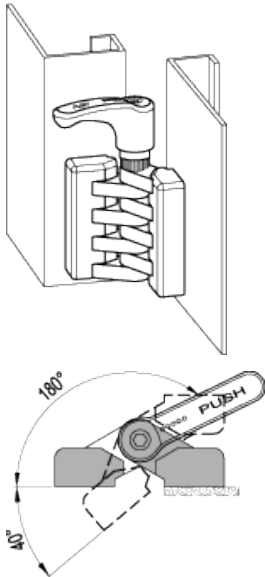
Rotation angle

Max 220°, between 0° and -40° and between 0° and 180°
(0° = condition where the two interconnected surfaces are on the same plane).
Do not exceed the rotation angle limit (see drawing) so as not to prejudice the hinge mechanical performance.

Features and applications

CFA+ERS hinge has been developed to offer an unlimited number of door-stop positions within the rotation angle of 220°. The friction between the two hinge bodies controls the speed of opening and closing operations.

Application example



Instructions of use

The friction effect is obtained by clamping the two hinged bodies using the special adjustable handle. To operate the adjusting mechanism, push down the lever (PUSH). By releasing the lever, the spring releases the toothing, thus the handle can return to its starting position and the lever can rotate freely together with the door without obstacles for the operator manoeuvres, even in case of accidental shock. The high number of teeth within the adjustable handle guarantees rotation even in case of very limited movement of the lever arm.

To choose the convenient type and the right number of hinges for your application, see the [Guidelines](#).
Strength values: see the corresponding models of [CFA](#).