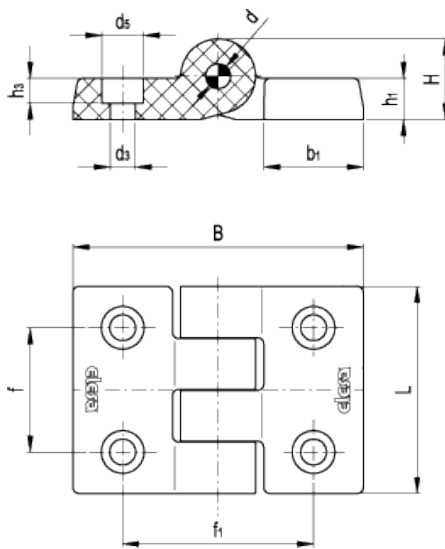


CFH. Hinges

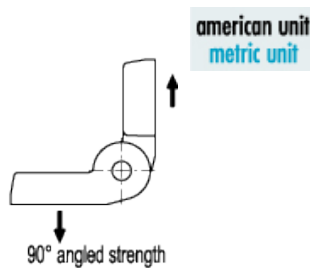
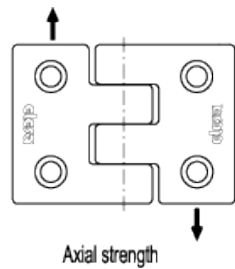
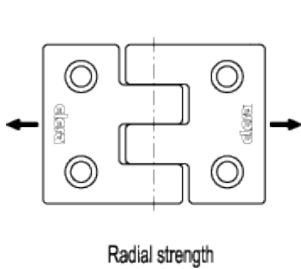


FM Design



american unit
metric unit

Elesa Standards		Main dimensions							Fitting				Weight
Code	Description	L	B	$f_{\pm 0.0098}$	$f_1_{\pm 0.0098}$	H	h_1	b_1	d	d_3	d_5	h_3	lbs g
424021	CFH.50 CH-6	1.97 50	2.74 69.5	1.18 30	1.79 45.5	0.77 19.5	0.39 10	0.94 24	0.24 6	0.26 6.5	0.39 10	0.26 6.5	0.101 46
424031	CFH.50 CH-8	1.97 50	2.74 69.5	1.18 30	1.79 45.5	0.77 19.5	0.39 10	0.94 24	0.24 6	0.33 8.5	0.51 13	0.18 4.5	0.093 42



american unit
metric unit

Elesa Standards		AXIAL STRENGTH		RADIAL STRENGTH		90° ANGLED STRENGTH		Maximum tightening torque [ft·lbf] [Nm]
Code	Description	Maximum working load Ea [lbf] [N]	Load at breakage Ra [lbf] [N]	Maximum working load Er [lbf] [N]	Load at breakage Rr [lbf] [N]	Maximum working load E90 [lbf] [N]	Load at breakage R90 [lbf] [N]	
424021	CFH.50 CH	45 200	547 2440	85 380	858 3830	43 190	437 1950	2 3

Material

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

Colour

Black, matte finish.

Rotation pin

AISI 303 stainless steel.

Assembly

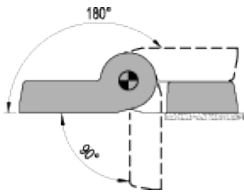
Through holes for cylindrical head screws.

Rotation angle

Max 270°, between 0° and -90° 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.



To choose the convenient type and the right number of hinges for your application, see the [Guidelines](#).

Application example

