



CFL. Hinges

Technopolymer



Main specifications

Material

High-resilience polyamide based (PA) technopolymer, black colour, matte finish.

Rotating pin

AISI 303 stainless steel.

Standard executions

Pass-through holes for cylindrical head screws.

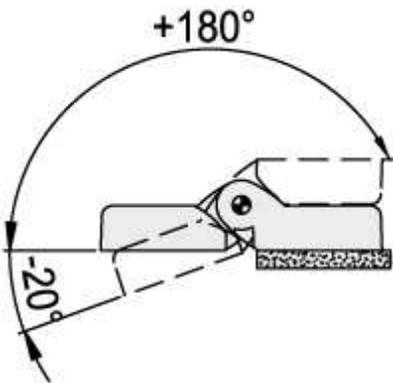
General information

Rotation angle (*approximate value*)

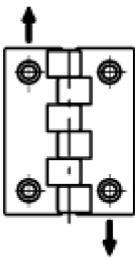
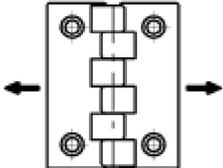
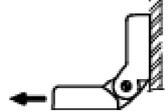
Max 100° (-20° and +180° being 0° the condition where the interconnected surfaces are on the same plane).

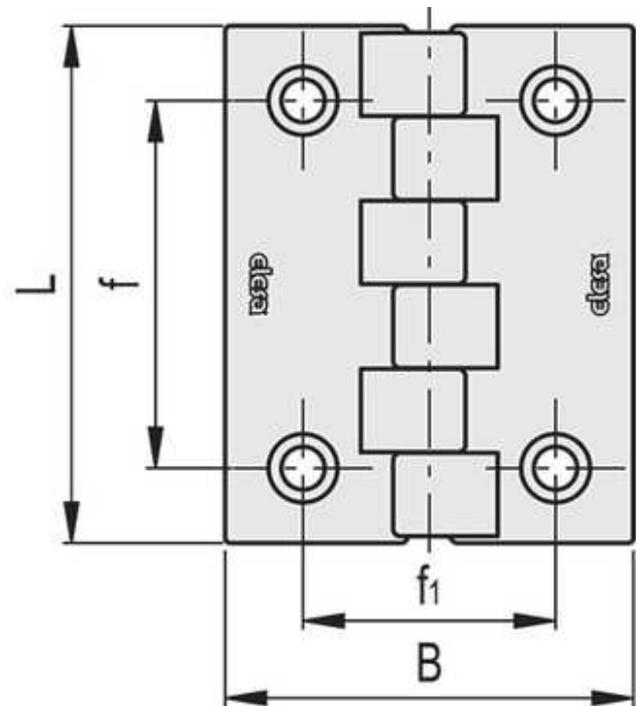
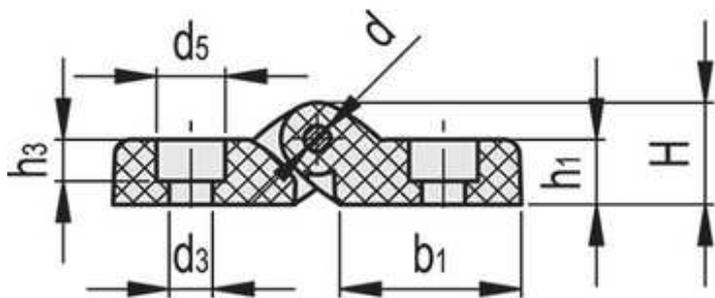
Do not exceed the rotation angle limit so as not to prejudice the hinge mechanical performance.

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



Resistance tests	AXIAL STRESS	RADIAL STRESS	90° ANGLED STRESS

						
	Maximum working load	Load at breakage	Maximum working load	Load at breakage	Maximum working load	Load at breakage
Description	Ea [N]	Ra [N]	Er [N]	Rr [N]	E90 [N]	R90 [N]
CFL.102 CH-6	4000	10000	4500	10000	2000	4000
CFL.102 CH-8	3500	9000	4500	10000	2000	4000



Code	Description	L	B	$f_{\pm 0.25}$	$f_1 \pm 0.25$	H	h_1	h_3	b_1	d	d_3	d_5	C# [Nm]	Weight
425201	CFL.102 CH-6	102	80	72.5	49.5	20.5	13	6.5	35.5	5	6.5	10.5	5	110
425202	CFL.102 CH-8	102	80	72.5	49.5	20.5	13	8	35.5	5	8.5	13.5	5	106

Suggested tightening torque for assembly screws.