

Hinges



Material

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

Colour

Black, matte finish.

Rotating pin

AISI 303 stainless steel.

Standard executions

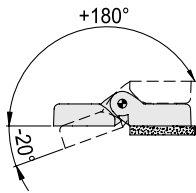
- Pass-through holes for cylindrical head screws.

Rotation angle (approximate value)

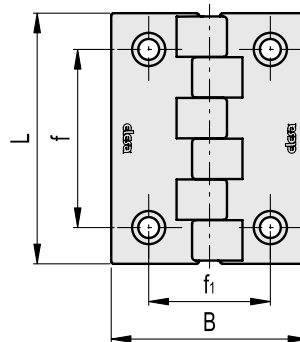
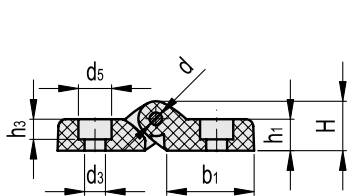
Max 100° (-20° and +180° being 0° the condition where the interconnected surfaces are on the same plane).

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

Per scegliere il tipo ed il numero di cerniere da utilizzare in ogni applicazione, consultare le Guidelines



Resistance tests	AXIAL STRESS		RADIAL STRESS		90° ANGLED STRESS	
	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]
CFL.102 CH-6	4000	10000	4500	10000	2000	4000
CFL.102 CH-8	3500	9000	4500	10000	2000	4000



Conversion Table	
1 mm = 0.039 inch	
L	
mm	inch
102	4.02

Code	Description	L	B	f _{±0.25}	f1 _{±0.25}	H	h1	h3	b1	d	d3	d5	C# [ft lb] [Nm]	⚖️
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.

