

Hinges

Technopolymer

MATERIAL

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

ROTATING PIN

AISI 303 stainless steel.

STANDARD EXECUTION

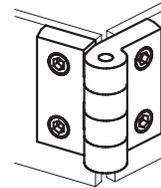
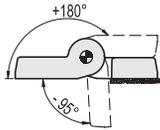
Pass-through holes for cylindrical head screws (M6 ISO 4762, M8 ISO 7380).

ROTATION ANGLE (APPROXIMATE VALUE)

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

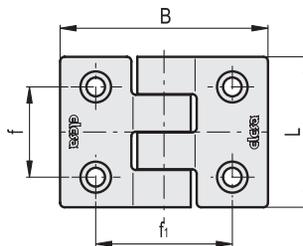
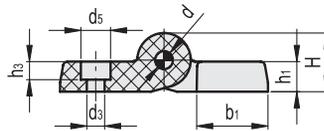
Do not exceed the rotation angle limit so as not to prejudice the hinge mechanical performance.

To choose the convenient type and the right number of hinges for your application, see the Guidelines (on page -).



FMMdesign

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]
200	2440	380	3830	190	1950



Code	Description	L	B	f±0.25	f1±0.25	H	h1	h3	b1	d	d3	d5	C# [Nm]	⚖️
424021	CFH.50 CH-6	50	69.5	30	45.5	19.5	10	6.5	24	6	6.5	10	3	47
424031	CFH.50 CH-8	50	69.5	30	45.5	19.5	10	4.5	24	6	8.5	13	3	44

Suggested tightening torque for assembly screws.

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Hinges 12