MATERIAL
Glass-fibre reinforced polyamide based (PA) SUPER-technopolymer, black colour, matte finish.

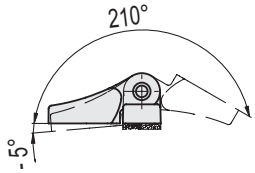
ROTATING PIN
AISI 303 stainless steel.

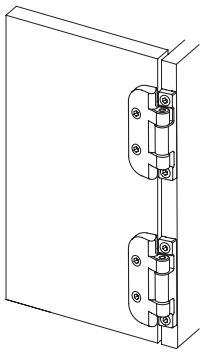
STANDARD EXECUTION
Pass-through holes for countersunk head screws.

FEATURES AND APPLICATIONS
The hinge is made up of two bodies of different sizes (one wide and one narrow) for use, for example, on structures with a narrow jamb.

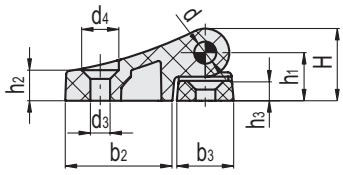
ROTATION ANGLE *(APPROXIMATE VALUE)*
Max 215° (-5° and +210° being 0° the condition where the two interconnected surfaces are on the same plane).
Do not exceed the rotation angle limit so as not to prejudice the hinge mechanical performance.
To choose the convenient type and the right number of hinges for your application, see the Guidelines (see page 1298).

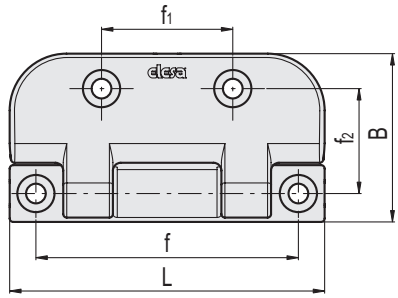
ELESA Original design





Resistance tests	Axial Stress		Radial Stress		90° Angled Stress	
Description	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]
CFDA.72 SH-4	200	2900	400	1400	400	1600
CFDA.100 SH-5	400	3200	400	1800	800	1800





Code	Description	L	B	f±0.25	f1 ±0.25	f2 ±0.25	H	h1	h2	h3	b2	b3	d	d3	d4	C# [Nm]	⚖
423081	CFDA.72 SH-4	72	38.5	60	30	24	16.5	11	7	6.5	24.5	13	5	4.5	8.5	3	38
423091	CFDA.100 SH-5	100	46.5	84	40	30	19.5	13	8	7.5	30.5	15	6	5.5	10.5	4	73

Suggested tightening torque for assembly screws.