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MATERIAL

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

ROTATING PIN

AISI 304 stainless steel.

STANDARD EXECUTIONS

Pass-through holes for mounting using studs with nuts, or cylinder head screws with washer UNI 6592.

FEATURES AND APPLICATIONS

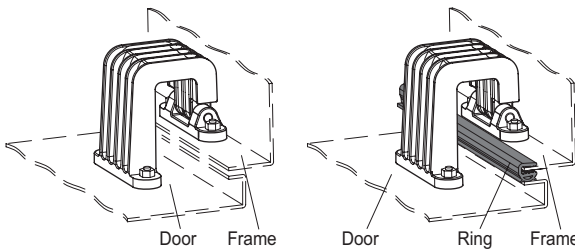
Hinge to be used with doors and jambs of boxed structures in folded sheet metal.

Gaskets can be applied to the door and jamb to prevent the entry of dust and foreign bodies.

ROTATION ANGLE (APPROXIMATE VALUE)

Max 180° (-90° and +90° being 0° the condition where the two interconnected surfaces are on the same plane).

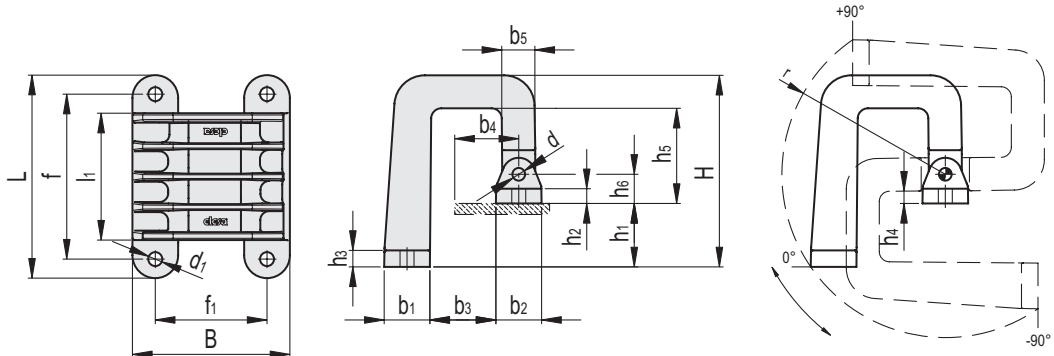
Do not exceed the rotation angle limit so as not to prejudice the hinge mechanical performance.



Resistance tests

Axial Stress (0°)		Axial Stress (-90°)		Axial Stress (+90°)		Radial Stress (0°)		Radial Stress (-90°)		Radial Stress (+90°)	
Maximum working load/rEa [N]	Load at breakage/rRa [N]	Maximum working load/rEa [N]	Load at breakage/rRa [N]	Maximum working load/rEa [N]	Load at breakage/rRa [N]	Maximum working load/rEr [N]	Load at breakage/rRr [N]	Maximum working load/rEr [N]	Load at breakage/rRr [N]	Maximum working load/rEr [N]	Load at breakage/rRr [N]
390	1350	375	1110	310	1340	370	1170	390	1330	490	1280

The maximum working loads are the loads which lead to a deformation of 2 mm of a single hinge.



Codice	Descrizione	L	B	d1	h2	l1	f±0.4	f1±0.4	H	h1	h3	h4	h5	h6	b1	b2	b3	b4	b5	r	d	C# [Nm]	Δ	
428001	CHG.80 CH-5	80	62	5.5	6.5	49.5	65	44	76	25	6.5	4	38	12	18	18	26	24	13	65	6	5	115	

Suggested tightening torque for assembly screws.