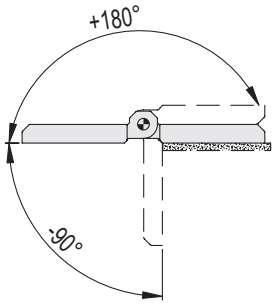
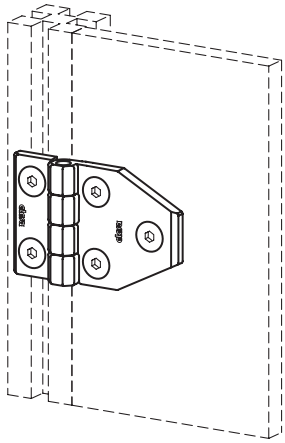
MATERIAL
Glass-fibre reinforced polyamide based (PA) SUPER-technopolymer, black colour, matte finish.

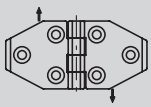
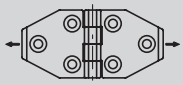
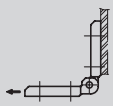
ROTATING PIN
AISI 303 stainless steel.

STANDARD EXECUTIONS
Pass-through holes for countersunk head screws.
- **CFM-TR-A**: hinge body frame side identical to the hinge body door side.
- **CFM-TR-B**: hinge body frame side different to the hinge body door side.

ROTATION ANGLE *(APPROXIMATE VALUE)*
Max 270° (-90° 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 (see page 952).

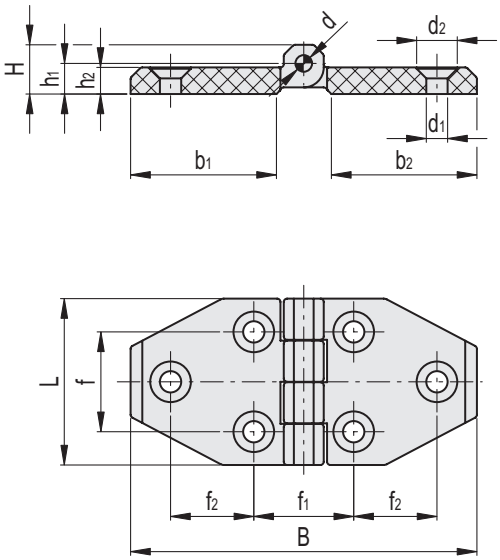




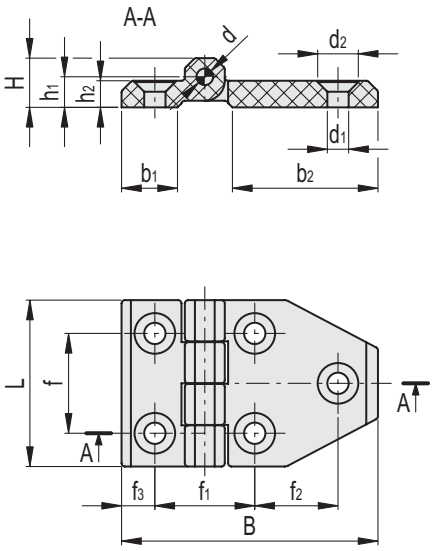
Resistance tests	Axial Stress 	Radial Stress 	90° Angled Stress 
Description	Max limit static load Sa [N]	Max limit static load Sr [N]	Max limit static load S90 [N]
CFM-TR-A.40-SH-5	1800	2000	1400
CFM-TR-A.50-SH-6	2700	3300	2200
CFM-TR-A.60-SH-6	3700	4200	3000
CFM-TR-B.40-SH-5	1500	1800	1200
CFM-TR-B.50-SH-6	2100	3000	1500
CFM-TR-B.60-SH-6	2800	3800	2300

The max static load is the value beyond which the material may break thus prejudicing the hinge performance. Obviuosly, a suitable coefficient must be applied to this value, according to the importance and the safety level of the specific application.

CFM-TR-A



CFM-TR-B



Conversion Table *1 mm = 0.039 inch*	
L	
mm	inch
40	**1.57**
50	**1.97**
60	**2.36**

CFM-TR-A

METRIC

Code	Description	L	B	f	f1	f2	H	h1	h2	b1	b2	d	d1	d2	C# [Nm]	⚖
426006	CFM-TR-A.40-SH-5	40	88	25	25	20	9	5.5	5	38.5	38.5	4	5.5	10.5	3	26
426016	CFM-TR-A.50-SH-6	50	104	30	30	25	11.5	6.5	6	45	45	6	6.5	12.5	5	28
426026	CFM-TR-A.60-SH-6	60	120	36	36	30	15	8.5	8	51.5	51.5	8	6.5	12.5	5	91

CFM-TR-B

METRIC

Code	Description	L	B	f	f1	f2	f3	H	h1	h2	b1	b2	d	d1	d2	C# [Nm]	⚖
426001	CFM-TR-B.40-SH-5	40	64	25	25	20	7.5	9	5.5	5	14	38.5	4	5.5	10.5	3	21
426011	CFM-TR-B.50-SH-6	50	77	30	30	25	10.5	11.5	6.5	6	18	45	6	6.5	12.5	5	40
426021	CFM-TR-B.60-SH-6	60	90	36	36	30	12.5	15	8.5	8	21	51.5	8	6.5	12.5	5	78

Suggested tightening torque for assembly screws.