

Hinges

Technopolymer rotating pin

MATERIAL

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

ROTATING PIN

Acetal based (POM) technopolymer, black colour.

STANDARD EXECUTIONS

- **CFAx-B**: nickel-plated brass bosses with threaded hole.
- **CFAx-SH**: pass-through holes for countersunk head screws.
- **CFAx-CH**: pass-through holes for cylindrical head screws.

ROTATION ANGLE (APPROXIMATE VALUE)

Max 215° (-35° 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.

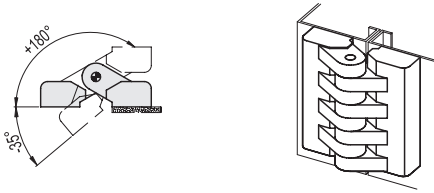
To choose the convenient type and the right number of hinges for your application, see the Guidelines (on page 1368).

EXECUTION CFK.

False hinge made up of a single body without rotation pin. It can be used for blocking fixed panels, when you want to obtain the same general aesthetical effect.

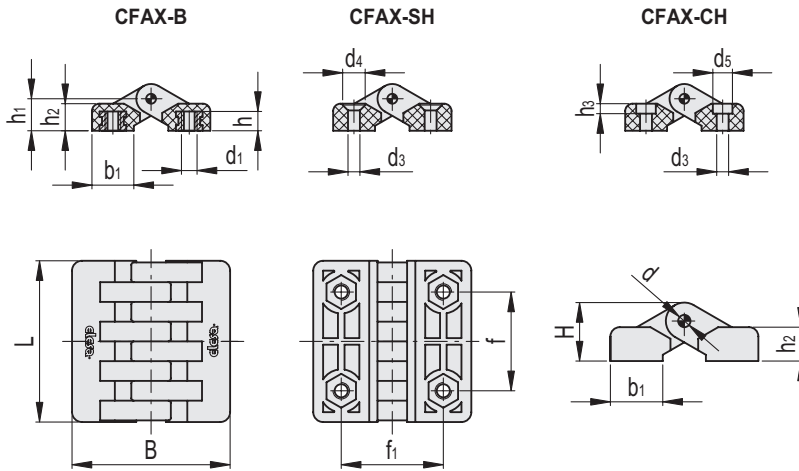


FMM design



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]
CFAX.40 B-M4	200	1850	240	2000	100	560
CFAX.40 SH-4	130	1870	290	1800	280	1370
CFAX.40 CH-4	137	1340	230	1580	180	1200
CFAX.49 B-M5	400	2400	440	2760	170	1320
CFAX.49 SH-5	300	2660	310	2600	320	2240
CFAX.49 CH-5	360	2480	310	2270	250	1460
CFAX.65 B-M6	640	4000	690	4400	220	1400
CFAX.65 SH-6	520	4300	720	4800	240	3760
CFAX.65 CH-6	510	3700	490	5200	260	2870





CFOX-B

Code	Description	L	B	d1	h	f±0.25	f1±0.25	H	h1	h2	b1	d	C# [Nm]	⚖
422421	CFOX.40 B-M4	39.5	38.5	M4	6.5	25	25	14	9.5	9.5	14	3	5	23
422431	CFOX.49 B-M5	49.5	48	M5	8.5	30	31	19	13	11	17	4	5	39
422441	CFOX.65 B-M6	65	64	M6	9	40	40	23	15	13.5	24	5	5	85

CFOX-SH

Code	Description	L	B	f±0.25	f1±0.25	H	h1	h2	b1	d	d3	d4	C# [Nm]	⚖
422423	CFOX.40 SH-4	39.5	38.5	25	25	14	9.5	9.5	14	3	4.5	8.5	1	14
422433	CFOX.49 SH-5	49.5	48	30	31	19	13	11	17	4	5.5	10	2	29
422443	CFOX.65 SH-6	65	64	40	40	23	15	13.5	24	5	6.5	12.5	3	62

CFOX-CH

Code	Description	L	B	f±0.25	f1±0.25	H	h1	h2	h3	b1	d	d3	d5	C# [Nm]	⚖
422425	CFOX.40 CH-4	39.5	38.5	25	25	14	9.5	9.5	4.5	14	3	4.5	8.5	1	14
422435	CFOX.49 CH-5	49.5	48	30	31	19	13	11	5.5	17	4	5.5	10	2	29
422445	CFOX.65 CH-6	65	64	40	40	23	15	13.5	6.5	24	5	6.5	11	5	62

Suggested tightening torque for assembly screws.