Detent hinges

Technopolymer

RoHS PA +50° 0°

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

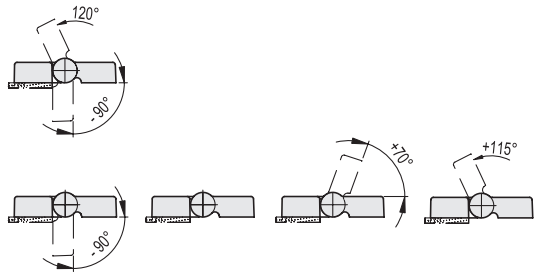
ROTATING PIN
AISI 303 stainless steel.

STANDARD EXECUTIONS
Resistant torque 1.5 or 3 Nm.
- **CFV-SH**: pass-through holes for countersunk head screws.
- **CFV-EH**: pass-through holes for hexagonal head screws.

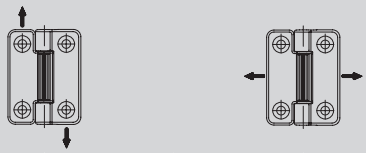
ROTATION ANGLE *(APPROXIMATE VALUE)*
Max 210° (-90° and +120° being 0° the condition where the interconnected surfaces are on the same plane).
Do not exceed the rotation angle limit so as not to prejudice the hinge mechanical performance.
The detent device (ELESA patent) allows four different detent positions of the door (-90°, 0°, +70°, +115°).
To choose the convenient type and the right number of hinges for your application, see the Guidelines (see page 952).

RESISTANT TORQUE
All detent positions guarantee a resistant torque of about 1.5 or 3 Nm (which is the torque that must be applied to free the detent device of the hinge).
The hinge had been tested with more than 20.000 opening and closing cycles and the value of the resistant torque was unchanged.



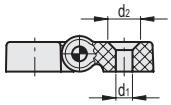


Resistance tests

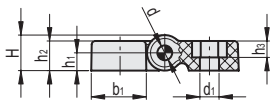


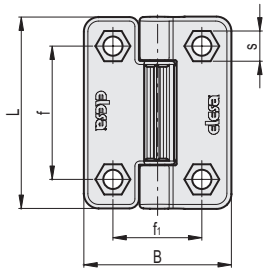
Description	Maximum working load Ea [N]	Load at breakage Ra [N]	Maximum working load Er [N]	Load at breakage Rr [N]	Maximum working load E70 and E115 [N]	Load at breakage R70 and R115 [N]	Maximum working load E90 [N]	Load at breakage R90 [N]
CFV.65 SH-6	1320	4480	2070	5060	2150	3170	1630	3380
CFV.65 EH-6	1520	3840	1940	4900	1430	3660	970	3140

CFV-SH



CFV-EH





CFV-SH

Code	Description	L	B	d1	d2	f	f1	H	h1	h2	b1	d	C# [Nm]	⚖
427627	CFV.65 SH-6-1.5	65	49.5	6.5	12.5	45	30	12	6	10	18.5	5	4	44
427626	CFV.65 SH-6-3.0	65	49.5	6.5	12.5	45	30	12	6	10	18.5	5	4	44

CFV-EH

Code	Description	L	B	d1	f	f1	H	h1	h2	h3	b1	d	s	C# [Nm]	⚖
427622	CFV.65 EH-6-1.5	65	49.5	6.5	45	30	12	6	10	5	18.5	5	10	4	38
427621	CFV.65 EH-6-3.0	65	49.5	6.5	45	30	12	6	10	5	18.5	5	10	4	38

Suggested tightening torque for assembly screws.

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