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G6 Hinge

Position control · Detent

- **Holds doors open without secondary mechanical support**
- **Detent holds door at 120° and 170°**
- **Can be opened to 180°**

Material and Finish

Acetal and nylon, black

Performance Details

Radial load:
Maximum static load: 130 N (30 lbf)
Average ultimate load:
970 N (220 lbf)

Axial load:
Maximum static load: 130 N (30 lbf)
Average ultimate load:
1450 N (325 lbf)

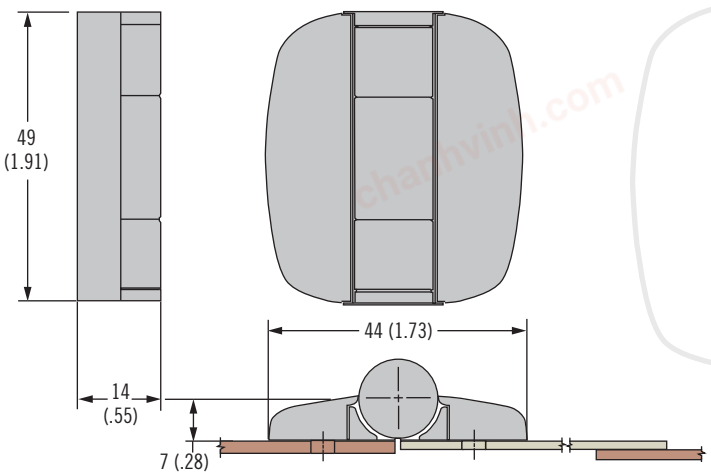
Cycle life: 10,000 cycles

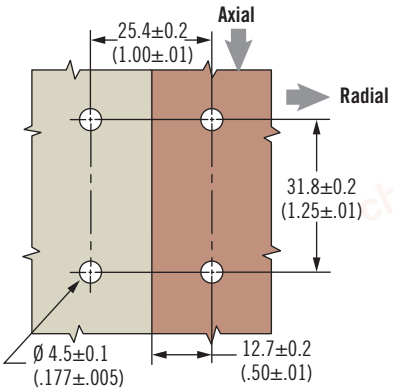
Operating temperature range:
-20 °C (0° F) to 80° C (180° F)

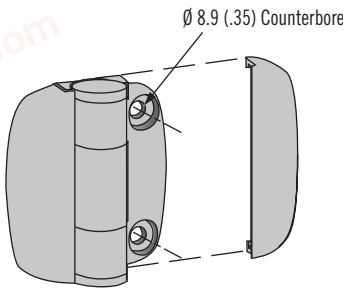
Installation Notes

Screws not supplied

Hinge designed to accommodate M4 (No. 8) size Pan Head mounting hardware.

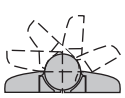
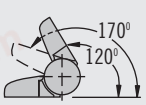






Part Number

See table

Part Number	Detent Angle	Positioning Torque
G6-0-1	 Free swinging (no detents)	~
G6-5-1		1.1 N•m (10 in•lbf)

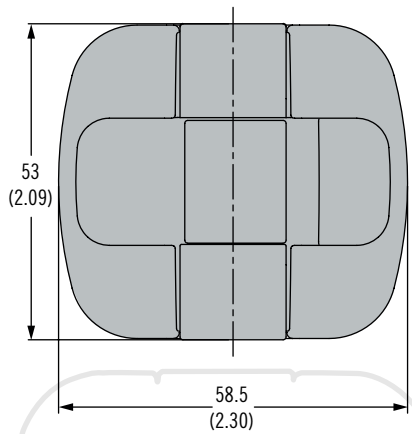
Dimensions in millimeters (inch) unless otherwise stated

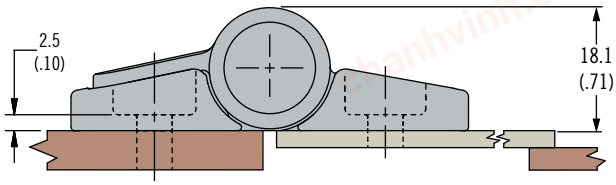
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C6 Hinge

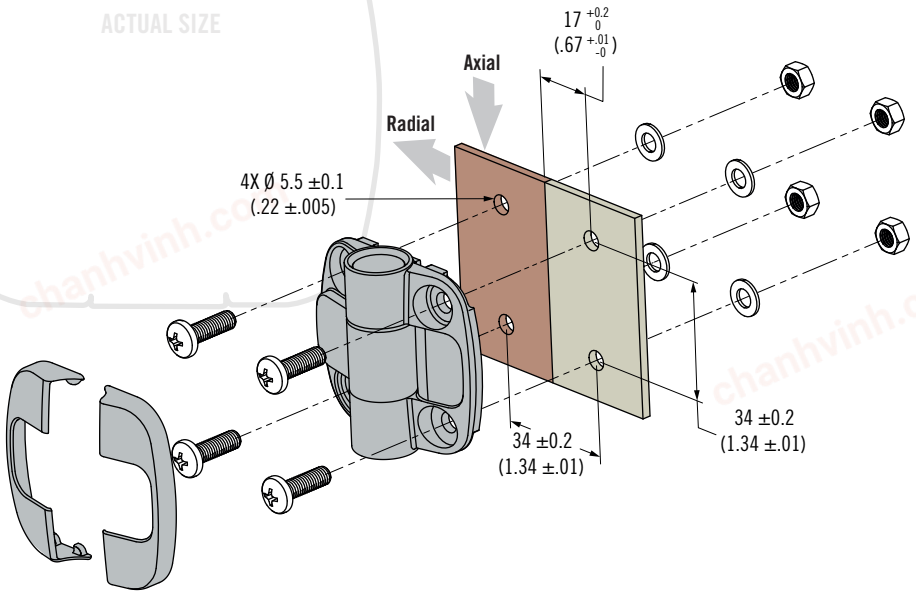
Position control · Detent







ACTUAL SIZE



Type	Positioning Torque N•m (in•lbf)	Part Number	
		Black	White
No Detents	Free operating	C6-220	C6-220-1
80 Degree	0.7 (6)	C6-221	C6-221-1
	1.1 (10)	C6-222	C6-222-1
	1.7 (15)	C6-223	C6-223-1
115 Degree	0.7 (6)	C6-224	C6-224-1
	1.1 (10)	C6-225	C6-225-1
	1.7 (15)	C6-226	C6-226-1
150 Degree	0.7 (6)	C6-227	C6-227-1
	1.1 (10)	C6-228	C6-228-1
	1.7 (15)	C6-229	C6-229-1

- **Holds doors open without secondary mechanical support**
- **Detents holds door at 80°, 115° or 150°**
- **All versions can be further opened to 180°**

Material and Finish

Acetal, black or white
Internal components:
Stainless steel

Performance Details

Radial load:
Maximum static load:
450 N (100 lbf)
Average ultimate load:
2600 N (575 lbf)

Axial load:
Maximum static load:
450 N (100 lbf)
Average ultimate load:
1800 N (400 lbf)

Cycle life: Up to 20,000

Operating temperature range:
-40°C (-40°F) to 80°C (180°F)

Installation Notes

Mounting hardware not supplied. Designed to accommodate M5 (No. 10) mounting hardware with a maximum head diameter of 10.1 (.40) and a maximum head height of 3 (.12).

Part Number

See table