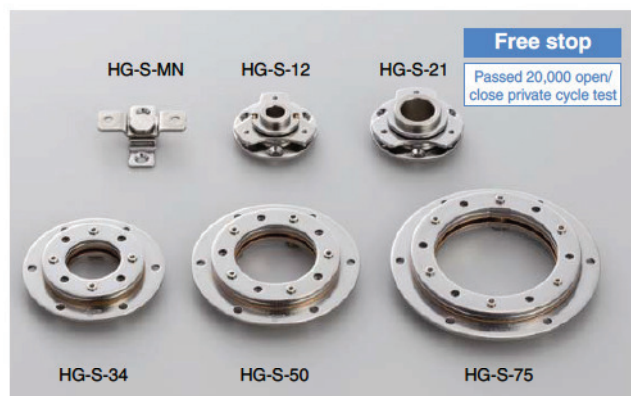


SWIVEL TORQUE HINGE HG-S



- HG-S-MN, HG-S-21 and HG-S-75 are newly launched.
- Rotation angle: 360°
- Centre hole for easy cable management (except for HG-S-MN). Five types of hole diameters ($\phi 12$, $\phi 21.5$, $\phi 34$, $\phi 50$, and $\phi 75$) are available.

[Applications]

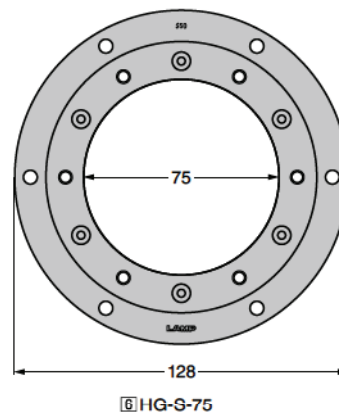
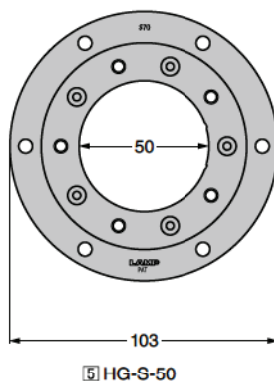
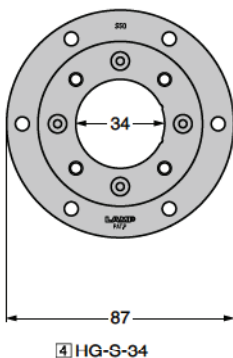
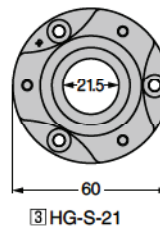
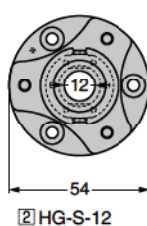
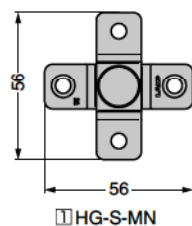
- Operation panel of machine tools and LCD, etc.

[Remarks]

- Be sure to read the "Cautions" 1.
- Hinges can be used upside down. However, fix the screws from the mounting surface (refer to the "Installation" in relevant pages). Otherwise, the products will not function.
- * is horizontal use only.

Video Link**[Selection Guide]**

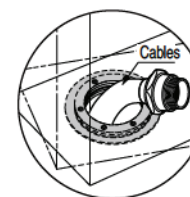
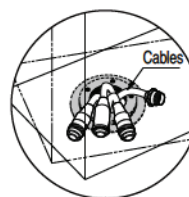
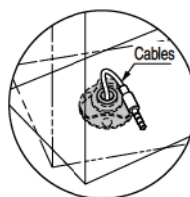
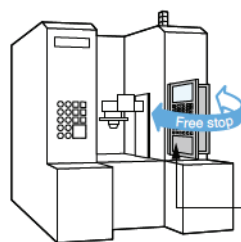
RoHS	CAD	Item Code	Item Name	No.	Size	Hole Diameter	Torque N·m/pc	Torque kgf·cm/pc	Page
		170-029-726	HG-S7-MN	[1]	56	—	0.7 $\pm 20\%$	7.1 $\pm 20\%$	2
		170-029-727	HG-S20-MN				2.0 $\pm 20\%$	20.4 $\pm 20\%$	
		170-021-976	HG-S30-12	[2]	$\phi 54$	12	3.0 $\pm 20\%$	30.6 $\pm 20\%$	3
		170-021-975	HG-S50-12				5.0 $\pm 20\%$	51.0 $\pm 20\%$	
		170-029-728	HG-S30-21	[3]	$\phi 60$	21.5	3.0 $\pm 20\%$	30.6 $\pm 20\%$	3
		170-029-729	HG-S50-21				5.0 $\pm 20\%$	51.0 $\pm 20\%$	
		170-023-959	HG-S50-34	[4] *	$\phi 87$	34	5.0 $\pm 20\%$	51.0 $\pm 20\%$	4
		170-023-960	HG-S70-34				7.0 $\pm 20\%$	71.4 $\pm 20\%$	
		170-023-961	HG-S70-50	[5] *	$\phi 103$	50	7.0 $\pm 20\%$	71.4 $\pm 20\%$	4
		170-023-962	HG-S100-50				10.0 $\pm 20\%$	102.0 $\pm 20\%$	
		170-029-730	HG-S50-75	[6] *	$\phi 128$	75	5.0 $\pm 20\%$	51.0 $\pm 20\%$	4
		170-029-731	HG-S70-75				7.0 $\pm 20\%$	71.4 $\pm 20\%$	

**[Application Example]**

Tablet stand



Operation panel



Choose the hole diameter according to the thickness of the cable.

Refer to 1 : P.15, 2 : P.25, 3 : P.26, 4 : P.27

SWIVEL TORQUE HINGE HG-S-MN Small Type

TORQUE HINGES

DAMPER HINGES

LIFT ASSIST HINGES

DETENT HINGES

CONCEALED HINGES

BUTT HINGES

PIANO HINGES

STEP HINGES

LIFT-OFF HINGES

PIVOT HINGES

SPRING HINGES

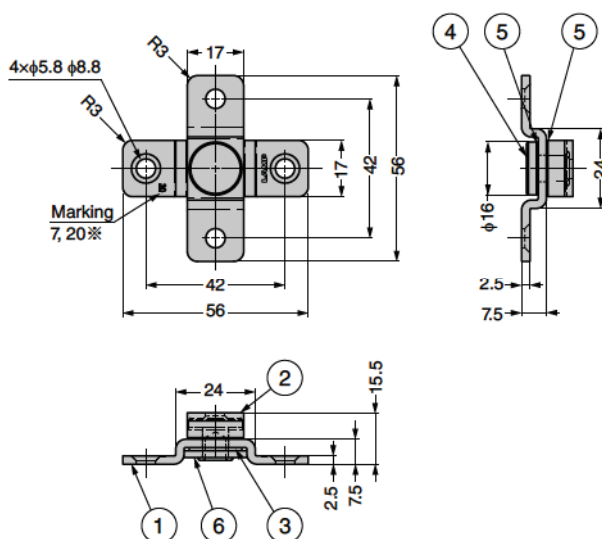
CLEAN ROOM HINGES

HINGES FOR ALUMINIUM FRAME

DROP HINGES

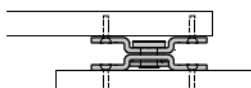
GLASS DOOR HINGES

SPECIAL HINGES



※7: HG-S7-MN, 20: HG-S20-MN.

[Installation]

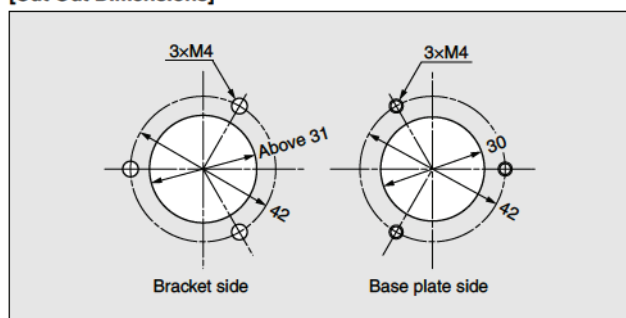


No.	Part Name	Material	Finish
①	Bracket B	Stainless Steel (SUS430)	Barrel Polished
②	Bracket A		
③	F Plate	Bronze	-
④	Shaft	Stainless Steel (SUS303)	
⑤	Spring Washer	Stainless Steel	
⑥	Washer	Stainless Steel (SUS430)	Barrel Polished

RoHS	CAD	Item Code	Item Name	Size	Torque N·m/pc	Torque kgf·cm/pc	Weight (g)	Box (pcs)	Carton (pcs)
✓	3D	170-029-726	HG-S7-MN	56	0.7±20%	7.1±20%	48	25	200
✓	3D	170-029-727	HG-S20-MN		2.0±20%	20.4±20%	49	25	200

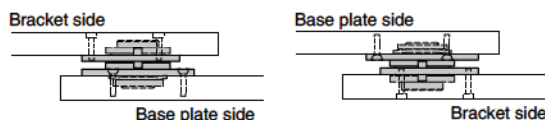
SWIVEL TORQUE HINGE HG-S-12 Hole Dia. φ 12

[Cut Out Dimensions]



※30: HG-S30-12, 50: HG-S50-12.

[Installation]

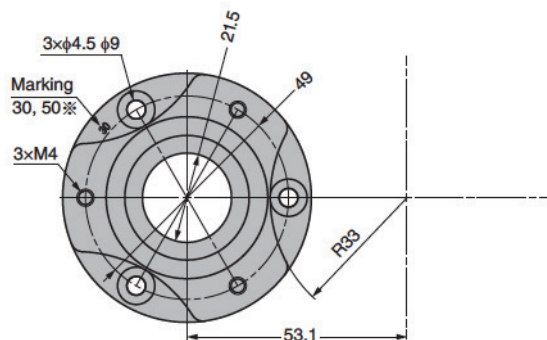


No.	Part Name	Material	Finish
①	Bracket	Stainless Steel (SUS430)	Barrel Polished
②	Base plate		
③	Sleeve	Stainless Steel (SUS303)	-
④	F Plate	Bronze	
⑤	Washer	Stainless Steel (SUS430)	Barrel Polished
⑥	Spring Washer	Steel	
⑦	Washer	Stainless Steel (SUS430)	

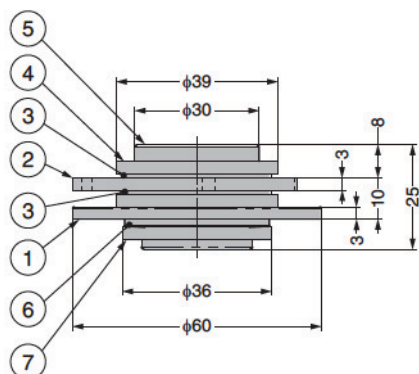
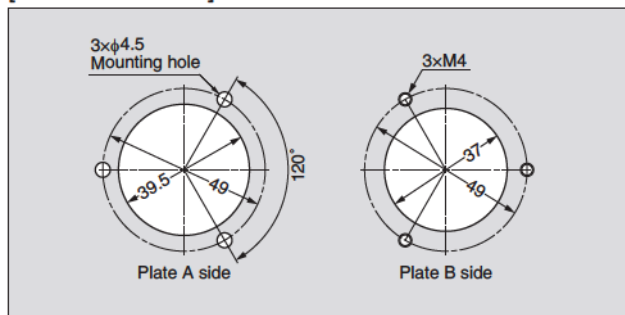
Max. load capacity : 200N (20.4kgf)/pc

RoHS	CAD	Item Code	Item Name	Size	Hole Diameter	Torque N·m/pc	Torque kgf·cm/pc	Weight (g)	Box (pcs)	Carton (pcs)
✓	3D	170-021-976	HG-S30-12	54	12	3.0±20%	30.6±20%	129	100	10
✓	3D	170-021-975	HG-S50-12			5.0±20%	51.0±20%	132	100	10

SWIVEL TORQUE HINGE HG-S-21 Hole Dia. ϕ 21.5



[Cut Out Dimensions]

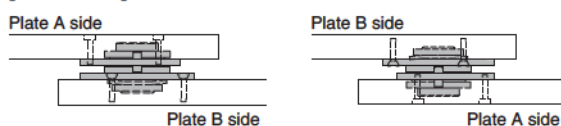


※30: HG-S30-21, 50: HG-S50-21.

Max. load capacity : 200N (20.4kgf)/pc

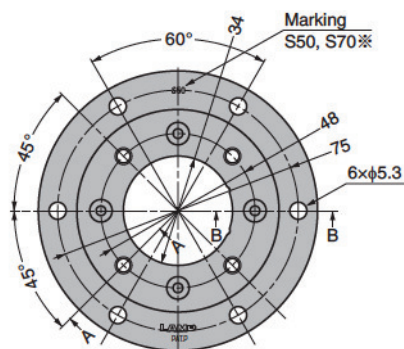
RoHS	CAD	Item Code	Item Name	Size	Hole Diameter	Torque N·m/pc	Torque kgf·cm/pc	Weight (g)	Box (pcs)	Carton (pcs)
		170-029-728	HG-S30-21	60	21.5	3.0 $\pm$ 20%	30.6 $\pm$ 20%	175	10	80
		170-029-729	HG-S50-21			5.0 $\pm$ 20%	51.0 $\pm$ 20%	174	10	80

[Installation]

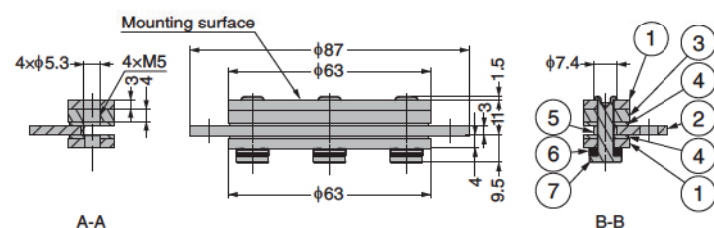
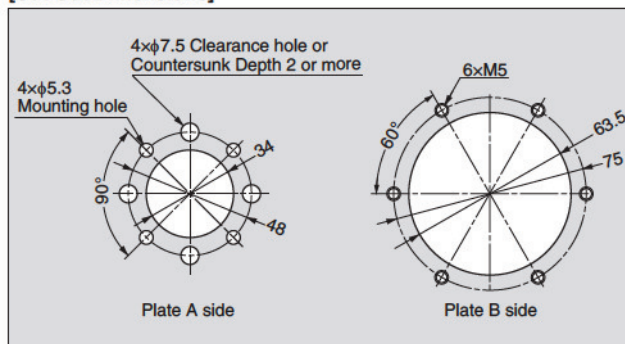


No.	Part Name	Material	Finish
①	Plate B	Stainless Steel (SUS430)	Barrel Polished
②	Plate A		
③	F Plate	Bronze	Barrel Polished
④	Washer	Stainless Steel (SUS430)	Barrel Polished
⑤	Sleeve	Stainless Steel (SUS303)	Plain
⑥	Spring Washer	Stainless Steel	-
⑦	Washer	Stainless Steel (SUS430)	

SWIVEL TORQUE HINGE HG-S-34 Hole Dia. ϕ 34



[Cut Out Dimensions]



※S50: HG-S50-34, S70: HG-S70-34.

Max. load capacity : 400N (40.8kgf)/pc

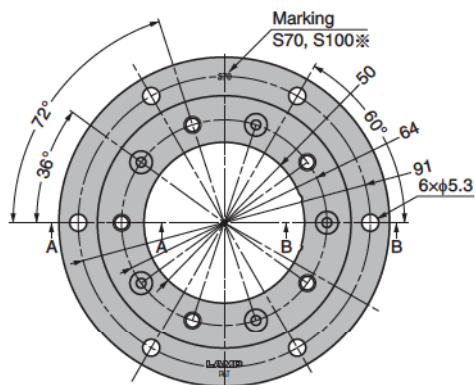
RoHS	CAD	Item Code	Item Name	Size	Hole Diameter	Torque N·m/pc	Torque kgf·cm/pc	Weight (g)	Box (pcs)	Carton (pcs)
		170-023-959	HG-S50-34	87	34	5.0 $\pm$ 20%	51.0 $\pm$ 20%	280	5	40
		170-023-960	HG-S70-34			7.0 $\pm$ 20%	71.4 $\pm$ 20%	282	5	40

[Installation]

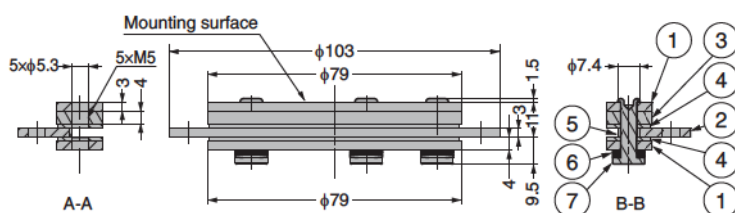
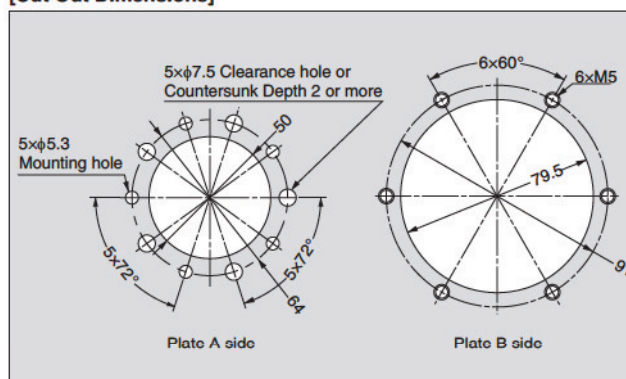


No.	Part Name	Material	Finish
①	Plate A	Stainless Steel (SUS430)	Barrel Polished
②	Plate B		
③	Plate C		
④	F Plate	Bronze	-
⑤	Bush	Stainless Steel (SUS303)	
⑥	Spring Washer	Stainless Steel	
⑦	Shaft	Stainless Steel (SUS303)	

SWIVEL TORQUE HINGE HG-S-50 Hole Dia. ϕ 50



[Cut Out Dimensions]



※ S70: HG-S70-50, S100: HG-S100-50.

Max. load capacity : 400N (40.8kgf)/pc

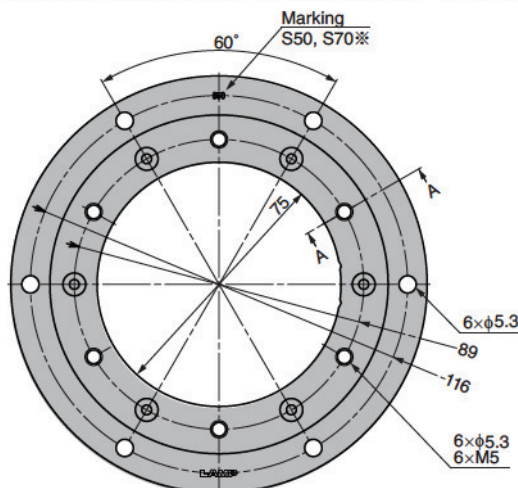
RoHS	CAD	Item Code	Item Name	Size	Hole Diameter	Torque N·m/pc	Torque kgf·cm/pc	Weight (g)	Box (pcs)	Carton (pcs)
		170-023-961	HG-S70-50	103	50	7.0 $\pm$ 20%	71.4 $\pm$ 20%	365	5	40
		170-023-962	HG-S100-50			10.0 $\pm$ 20%	102.0 $\pm$ 20%	371	5	40

[Installation]

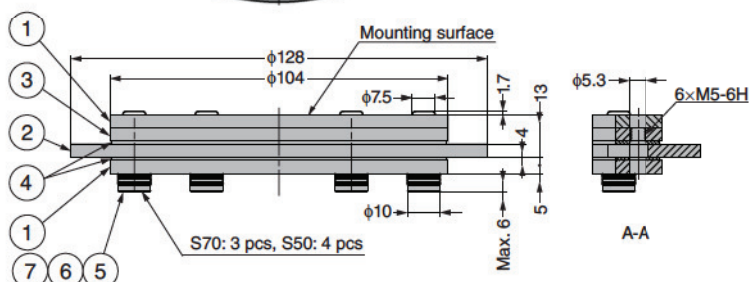
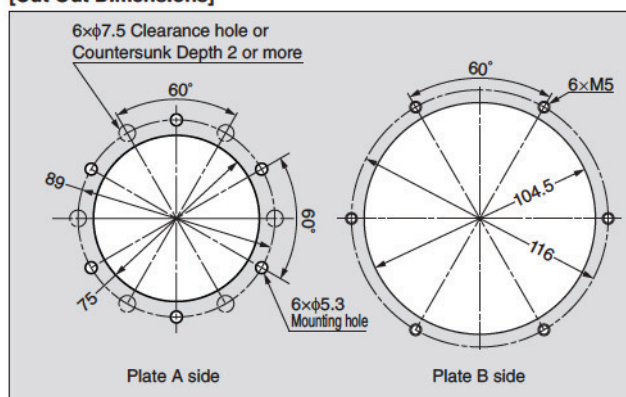


No.	Part Name	Material	Finish
①	Plate A	Stainless Steel (SUS430)	Barrel Polished
②	Plate B		
③	Plate C		
④	F Plate	Bronze	-
⑤	Bush	Stainless Steel (SUS303)	
⑥	Spring Washer	Stainless Steel	
⑦	Shaft	Stainless Steel (SUS303)	

SWIVEL TORQUE HINGE HG-S-75 Hole Dia. ϕ 75

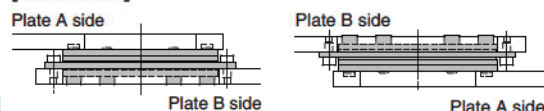


[Cut Out Dimensions]



※ S50: HG-S50-75, S70: HG-S70-75.

[Installation]



No.	Part Name	Material	Finish
①	Plate A	Stainless Steel (SUS430)	Barrel Polished
②	Plate B		
③	Plate C		
④	F Plate	Bronze	-
⑤	Bush	POM	
⑥	Spring Washer	Stainless Steel	
⑦	Shaft	Stainless Steel (SUS303)	

RoHS	CAD	Item Code	Item Name	Size	Hole Diameter	Torque N·m/pc	Torque kgf·cm/pc	Weight (g)	Box (pcs)	Carton (pcs)
		170-029-730	HG-S50-75	128	75	5.0 $\pm$ 20%	51.0 $\pm$ 20%	545	5	40
		170-029-731	HG-S70-75			7.0 $\pm$ 20%	71.4 $\pm$ 20%	575	5	40