

GKF111-MH Folding Door System

Door Width	Max. 450 mm
Door Height	Max. 2400 mm
Door Thickness	30 mm
Door Weight	Max. 10 kg/Door
Max. Overlay	24 mm
Aluminium Frame	Size: Door 30×60 mm, Frame 30×60 mm, 40×40 mm Groove Width: Door 8 mm, Frame 10 mm

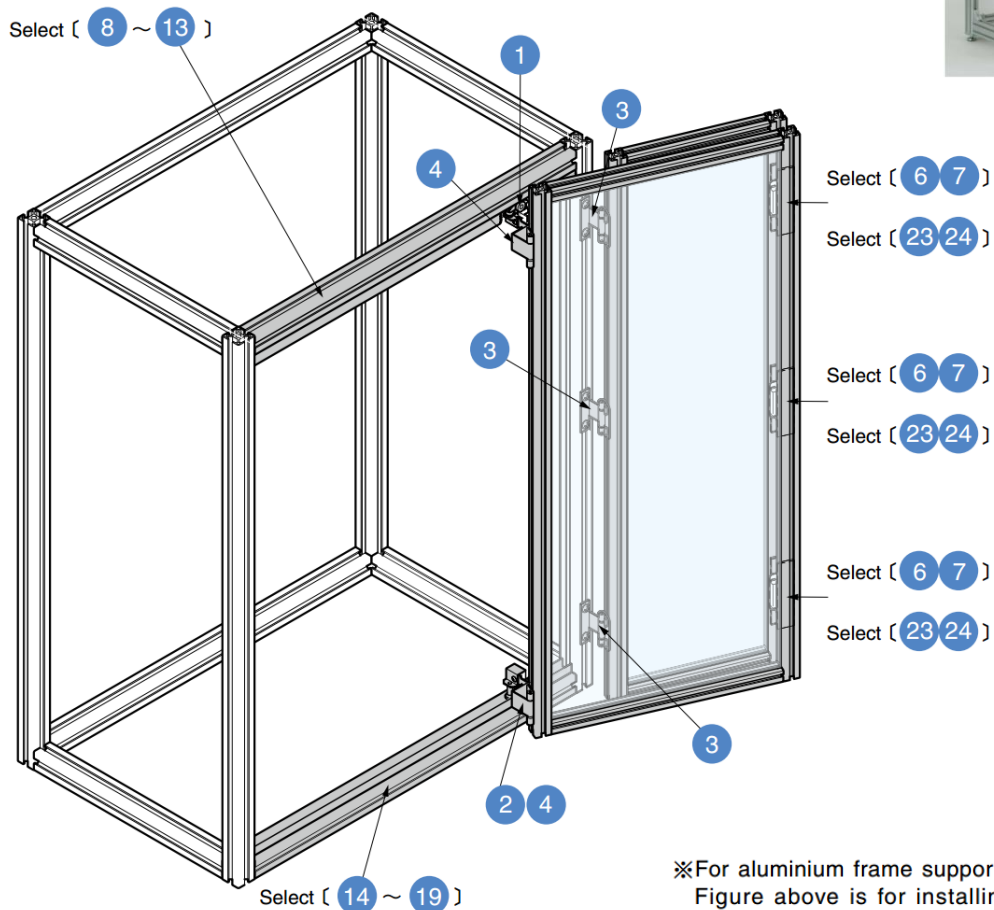
※Please make or prepare door and aluminium frame within the range above.

Features

- Folding door system with catch function
- Holding rollers at the top and bottom achieve smooth opening and closing
- For aluminium frame support system only
- Centre hinge has catch function to hold the door at closed position

Notes

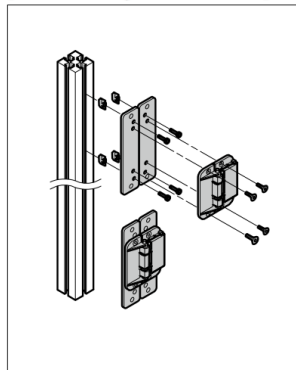
- Opening and closing of overweight doors may become heavy, do not exceed 10kg for large doors
- Aluminium frame not included



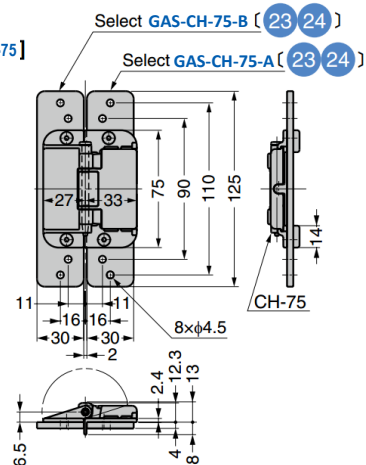
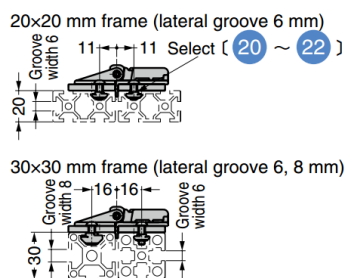
※For aluminium frame support system only.
Figure above is for installing to existing aluminium frame.

Installation

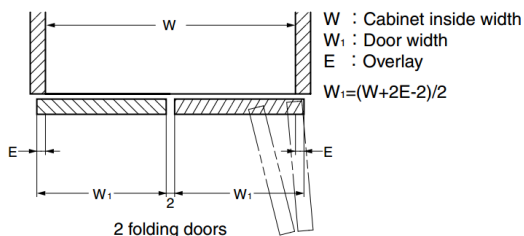
[Centre Hinge Installation]



[Installation Dimensions of Centre Hinge GCH-75]

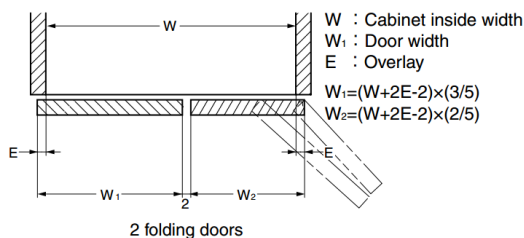


[Door Width Ratio1: 1]

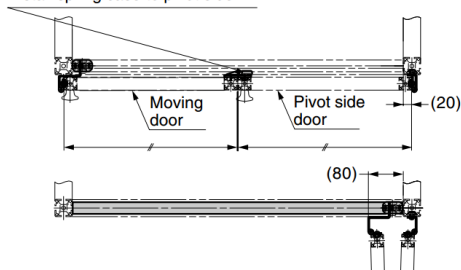


[Door Width Ratio 3: 2]

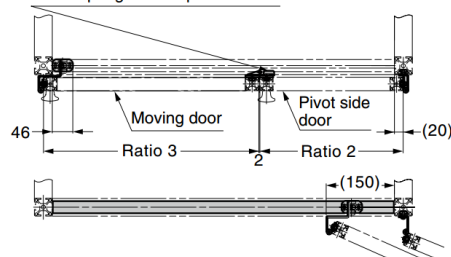
Minimum door projection when fully opened.



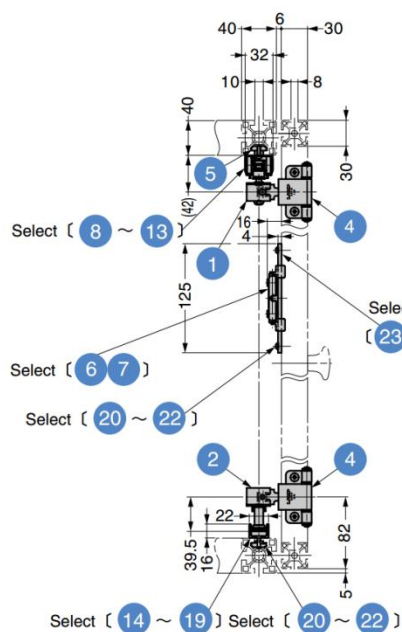
Installation of **GCH-75** centre hinge
Install spring case to pivot side



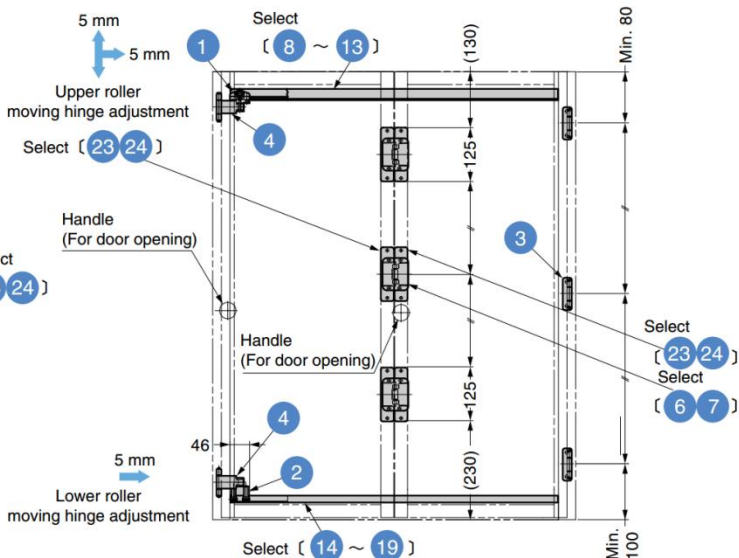
Installation of **GCH-75** centre hinge
Install spring case to pivot side



Surface mount hinge asymmetric door type



Surface mount hinge type



※ For aluminium frame support system only. Figure above is for installing to existing aluminium frame.

Roller, Hinge

Necessary Parts.

No.	Part No.	Dimensions
1	GFD111-TRH ● Material Roller : POM Roller Guide : POM Roller Support : Steel Hinge Bracket : Steel Hinge: Zinc Alloy (ZDC) ● Finish Plastic Parts: Natural Steel Parts : Coloured Zinc Chromate Hinge : Nickel	Upper Roller [Qty for 2 Doors] 1 set
2	GFD111-BRLH ● Material Roller : POM (With Synthetic Rubber Ring) Hinge Bracket: Steel Hinge: Zinc Alloy (ZDC) ● Finish Plastic Parts: Natural Steel Parts: Coloured Zinc Chromate Hinge: Nickel	Lower Roller L [Qty for 2 Doors] 1 set

No.	Part No.	Dimensions
3	GAS-OHT-68	Hanging Side Hinge ● Material Stainless Steel ● Finish Barrel Polished [Qty for 2 Doors] Door Height 900 mm or Less: 2 pcs Door Height 1600 mm or Less: 3 pcs Door Height 2000 mm or Less: 4 pcs Door Height 2400 mm or Less: 5 pcs
4	GAS-OHS-68	Door End Side Hinge ● Material Stainless Steel ● Finish Barrel Polished [Qty for 2 Doors] Door Height 2400 mm or Less: 2 pcs

AS Nut for Upper Track Installation

Necessary Parts. M4 screws not included.

No.	Part No.	Part Name
	GAS-10M4	AS Nut (For Groove Width 10 mm)
5	- Material Stainless Steel (SUS316) - Finish Barrel Polished	[Necessary Qty] GFD111-910 Upper Track: 5 pcs GFD111-1220 Upper Track: 6 pcs GFD111-1820 Upper Track: 7 pcs GFD2216-910 Bottom Guide Track: 4 pcs GFD2216-1220 Bottom Guide Track: 5 pcs GFD2216-1820 Bottom Guide Track: 7 pcs 

Centre Hinge, Upper Track

Necessary Parts.

Please order necessary qty of centre hinges based on door size and qty.
Please order necessary qty of upper tracks based on track length.

No.	Type	Part No.	Dimensions
6	Nickel	GCH-75-NI	Centre Hinge
7	Bronze	GCH-75-GB	

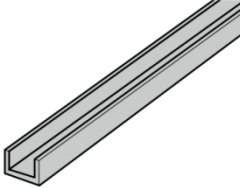
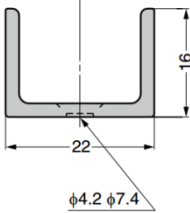
No.	Type	Part No.	Dimensions
8	Silver Length 910 mm	GFD111-910-SIL	Upper Track
9	Silver Length 1220 mm	GFD111-1220-SIL	
10	Silver Length 1820 mm	GFD111-1820-SIL	
11	Bronze Length 910 mm	GFD111-910-GB	
12	Bronze Length 1220 mm	GFD111-1220-GB	
13	Bronze Length 1820 mm	GFD111-1820-GB	

● Material Aluminium Alloy

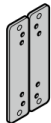
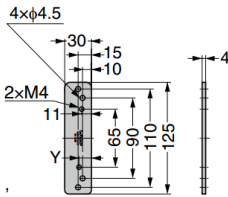
● Finish Anodised

※Convex R-shaped travel surface is effective for dust removing .

Pitch End 15 mm

Bottom Guide Track			Necessary Parts. Please order necessary qty based on track length.
No.	Type	Part No.	Dimensions
14	Silver Length 910 mm	GFD2216-910-SIL	Bottom Guide Track  
15	Silver Length 1220 mm	GFD2216-1220-SIL	
16	Silver Length 1820 mm	GFD2216-1820-SIL	
17	Bronze Length 910 mm	GFD2216-910-GB	
18	Bronze Length 1220 mm	GFD2216-1220-GB	
19	Bronze Length 1820 mm	GFD2216-1820-GB	
● Material Aluminium Alloy ● Finish Anodised Clear			Pitch End 15 mm

AS Nut			Necessary Parts. M4, M5 screws not included.			
No.	Type	Part No.	Part Name			
20	Aluminium Frame Groove Width 8 mm M4	GAS-8M4				
21	Aluminium Frame Groove Width 8 mm M5	GAS-8M5				
22	Aluminium Frame Groove Width 10 mm M5	GAS-10M5				
● Material Stainless Steel (SUS316) ● Finish Barrel Polished			[Qty for 2 Doors]	GAS-8M4	GAS-8M5	GAS-10M5
			Door Height 900 mm or Less:	12 pcs,	8 pcs,	4 pcs
			Door Height 1600 mm or Less:	12 pcs,	12 pcs,	6 pcs
			Door Height 2000 mm or Less:	16 pcs,	16 pcs,	8 pcs
			Door Height 2400 mm or Less:	16 pcs,	20 pcs,	10 pcs

Centre Hinge Bracket		Necessary Parts.	
No.	Part No.	Dimensions	
23	GAS-CH-75-A	Bracket for Centre Hinge 	
24	GAS-CH-75-B		
● Material Stainless Steel (SUS430) ● Finish Barrel Polished		[Qty for 2 Doors] Door Height 1600 mm or Less: 23 3 pcs, 24 3 pcs Door Height 2400 mm or Less: 23 4 pcs, 24 4 pcs	Y = 14 (GAS-CH-75-A) Y = 11 (GAS-CH-75-B) ※ GAS-CH-75-A is marked with "R" , and GAS-CH-75-B marked with "L" .