

FOLDING DOOR SYSTEM

KF28



WARDROBE & CABINET DOOR HARDWARE

Door Width	Max. 450 mm/Door
Door Height	Max. 2400 mm
Door Thickness	15 - 20 mm
Door Weight	Max. 7 kg/Door*1
Coverage	19 mm
Door Type	2 Folding Door (Overlay)

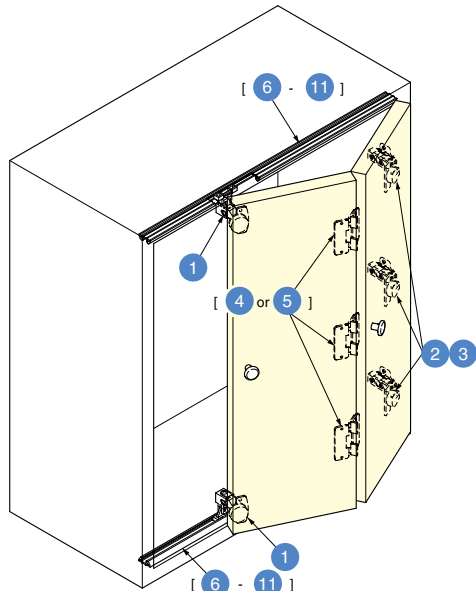
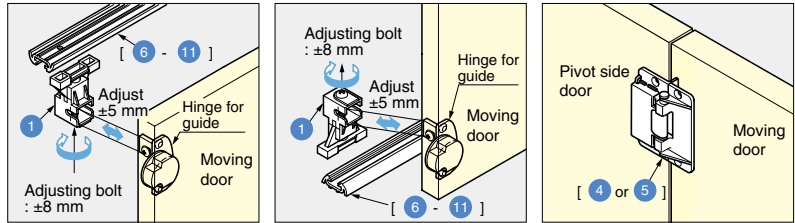
\*1 Door weight has priority over door size.

Overlay folding door with concealed hinges.

Features

- Can be used on overlay installations of lightweight folding doors.
- Hardware is hidden when closed.
- Easy installation: rail is surface installed.
- Position can be adjusted horizontally and vertically post installation.

Installation

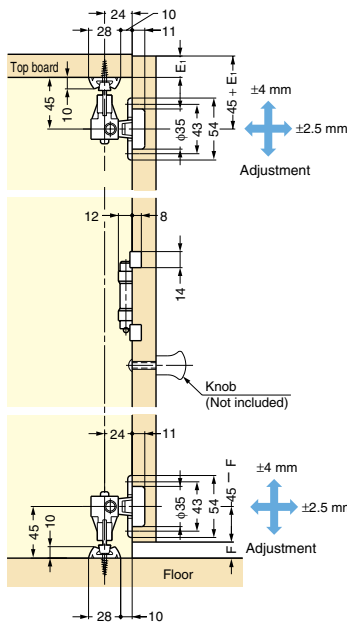


Door Height	Concealed Hinge 2 3	Centre Hinge 4 5
900 mm	2 pcs	2 pcs
1600 mm	3 pcs	2 pcs
2000 mm	4 pcs	3 pcs
2400 mm	5 pcs	4 pcs

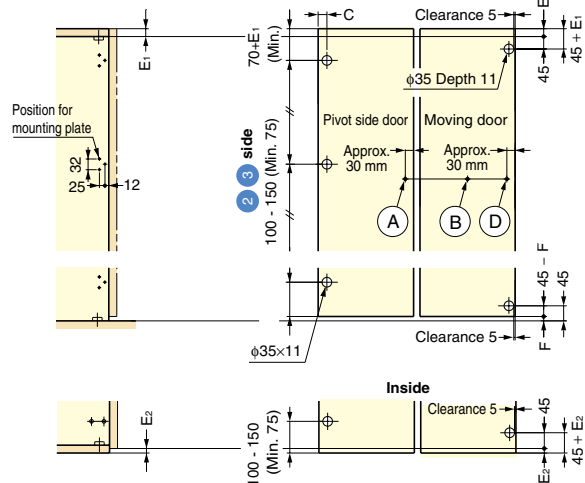
Coverage at Hinge Door Side	Door Edge to Bore Edge Distance
19 mm	5 mm
18 mm	4 (5) mm
17 mm	3 (4) mm

( ) shows hinge adjustable range.

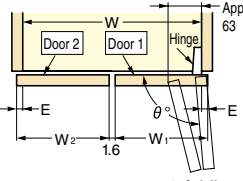
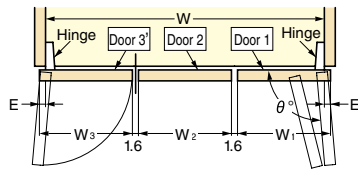
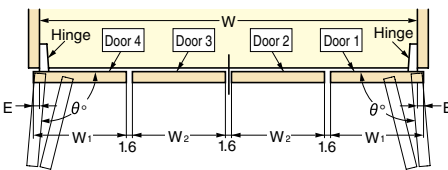
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C = Door edge to bore edge distance  
 F = Clearance between door bottom edge and floor (5 - 15 mm)  
 E1 = Overlay (Upper side)  
 E2 = Overlay (Bottom side)



Door Width

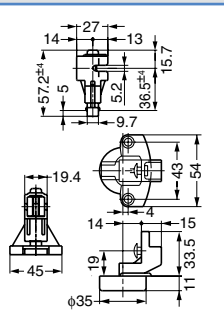
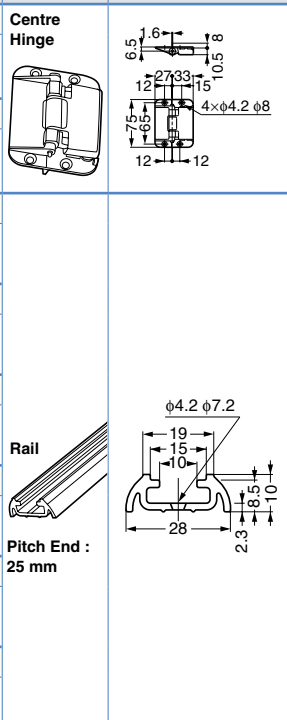
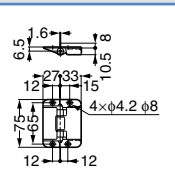
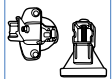
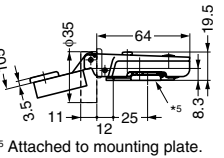

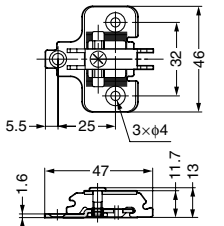
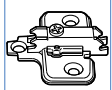
Application	Pivot Side Door at 90° Open	Pivot Side Door at 95° Open	Same Door Width Pivot Side Door at 87° Open
 <p>Approx. 63</p> <p>W : Width of inside cabinet                      W<sub>1</sub> : Width of Door 1 and Door 4                      W<sub>2</sub> : Width of Door 2 and Door 3                      W<sub>3</sub> : Width of Door 3                      E : Coverage                      θ° : Opening angle at pivot side door</p> <p>2 folding doors</p>	$W_1 = \frac{W+2E-4.8}{2}$ $W_2 = W_1 + 3.2$	$W_1 = \frac{W+2E-7.8}{2}$ $W_2 = W_1 + 6.2$	$W_1 = \frac{W+2E-1.6}{2}$ $W_2 = W_1$ <p>Opening Angle=87°</p>
 <p>2 folding doors+1 swing door</p>	<ul style="list-style-type: none"> <li>• W<sub>3</sub>=W<sub>1</sub>  <math display="block">W_1 = W_3 = \frac{W+2E-6.4}{3}</math> <math display="block">W_2 = W_1 + 3.2</math> </li> <li>• W<sub>3</sub>=W<sub>2</sub>  <math display="block">W_1 = \frac{W+2E-9.6}{3}</math> <math display="block">W_2 = W_3 = W_1 + 3.2</math> </li> </ul>	<ul style="list-style-type: none"> <li>• W<sub>3</sub>=W<sub>1</sub>  <math display="block">W_1 = W_3 = \frac{W+2E-9.4}{3}</math> <math display="block">W_2 = W_1 + 6.2</math> </li> <li>• W<sub>3</sub>=W<sub>2</sub>  <math display="block">W_1 = \frac{W+2E-15.6}{3}</math> <math display="block">W_2 = W_3 = W_1 + 6.2</math> </li> </ul>	$W_1 = \frac{W+2E-3.2}{3}$ $W_1 = W_2 = W_3$ <p>Opening Angle=87°</p>
 <p>2 folding doors+2 folding doors</p>	$W_1 = \frac{W+2E-11.2}{4}$ $W_2 = W_1 + 3.2$	$W_1 = \frac{W+2E-17.2}{4}$ $W_2 = W_1 + 6.2$	$W_1 = \frac{W+2E-4.8}{4}$ $W_1 = W_2$ <p>Opening Angle=87°</p>

WARDROBE & CABINET DOOR HARDWARE

Slide Guide  
Concealed Hinge  
Mounting Plate  
Centre Hinge  
Rail

Necessary Parts

① 2 pcs are necessary for a pair of doors. Please order necessary qty of ②, ③ and ④ / ⑤ based on door height (refer to chart on P.644). Please order suitable rail ⑥ - ⑪ for the application.

No.	Item Code	Part Name	Dimensions	Description	No.	Item Code	Part Name	Dimensions	Description
①	250-120-029	Sliding Guide		<ul style="list-style-type: none"> <li>• Material Zinc Alloy (ZDC) Polyacetal (POM)</li> <li>• Finish Nickel</li> <li>• Body: Nickel</li> </ul>	 <p>Rail</p> <p>Pitch End : 25 mm</p>	250-129-208	Centre Hinge		<ul style="list-style-type: none"> <li>• Material Zinc Alloy (ZDC) Polyamide (PA) Polyacetal (POM)</li> <li>• Hinge Axis: Steel</li> <li>• Finish Body: Nickel (NI) Bronze (GB)</li> </ul>
	FD28-SG		<ul style="list-style-type: none"> <li>④ CH-75NI Nickel</li> <li>⑤ CH-75GB Bronze</li> </ul>						
②	160-070-036	Concealed Hinge	 <p>*5 Attached to mounting plate.</p>	<ul style="list-style-type: none"> <li>• Material Steel</li> <li>• Finish Nickel</li> </ul>		250-120-039	FD28-910-SIL Silver 910 mm		<ul style="list-style-type: none"> <li>• Material Aluminium Alloy</li> <li>• Finish Anodized/Silver</li> </ul>
	230-26/19T					250-120-037	FD28-1220-SIL Silver 1220 mm		
③	160-070-041	Mounting Plate		<ul style="list-style-type: none"> <li>• Material Steel</li> <li>• Finish Nickel</li> </ul>		250-120-035	FD28-1820-SIL Silver 1820 mm		<ul style="list-style-type: none"> <li>• Material Aluminium Alloy</li> <li>• Finish Anodized/Bronze</li> </ul>
	230-P4W-32T					250-120-038	FD28-910-GB Bronze 910 mm		
			250-120-036	FD28-1220-GB Bronze 1220 mm					
			250-120-034	FD28-1820-GB Bronze 1820 mm					

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