

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)

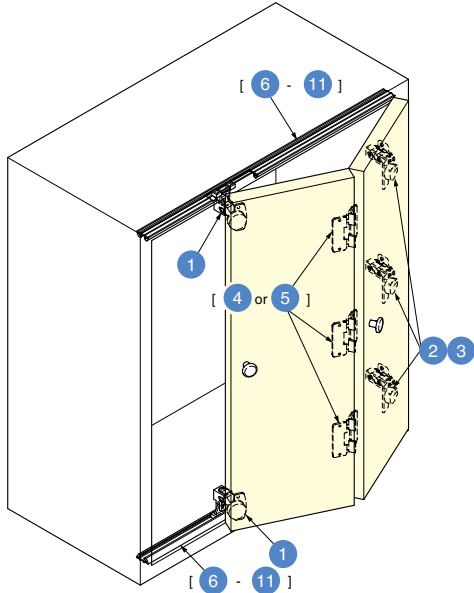
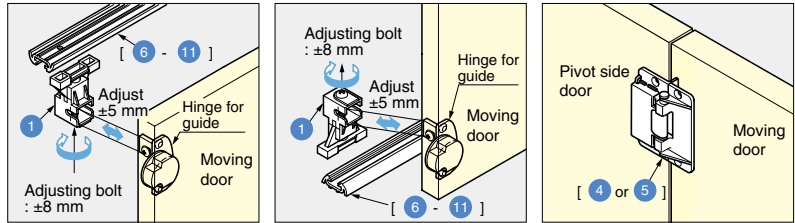
*1 Door weight has priority over door size.

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

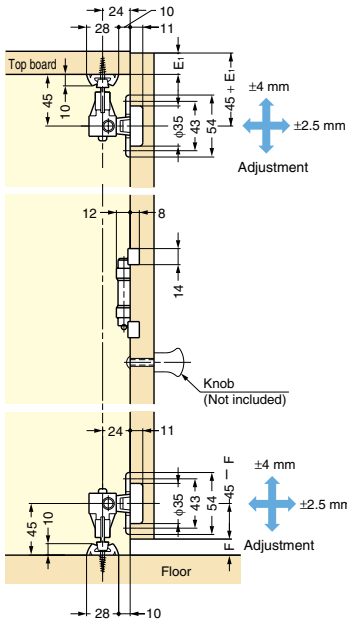


Door Height	Concealed Hinge [2, 3]	Centre Hinge [4, 5]
900 mm	2 pcs	2 pcs
1600 mm	3 pcs	2 pcs
2000 mm	4 pcs	3 pcs
2400 mm	5 pcs	4 pcs

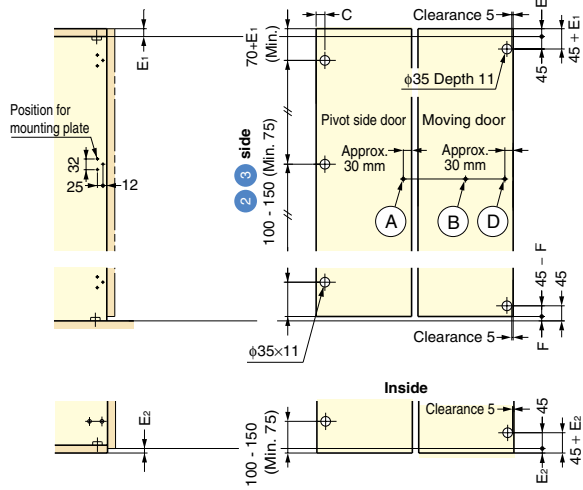
Coverage at Hinge Door Side	Door Edge to Bore Edge Distance
19 mm	5 mm
18 mm	4 (5) mm
17 mm	3 (4) mm

() shows hinge adjustable range.

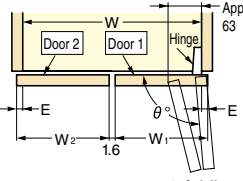
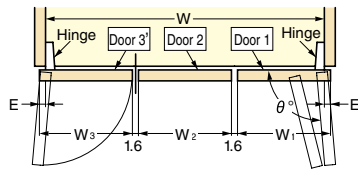
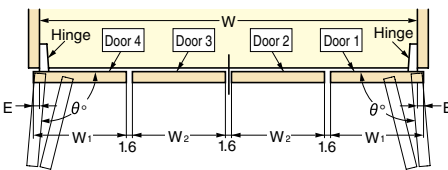
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- C = Door edge to bore edge distance
- F = Clearance between door bottom edge and floor (5 - 15 mm)
- E₁ = Overlay (Upper side)
- E₂ = Overlay (Bottom side)



Door Width

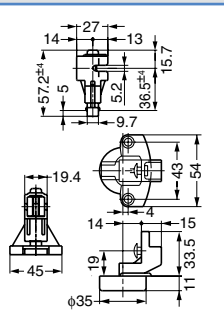
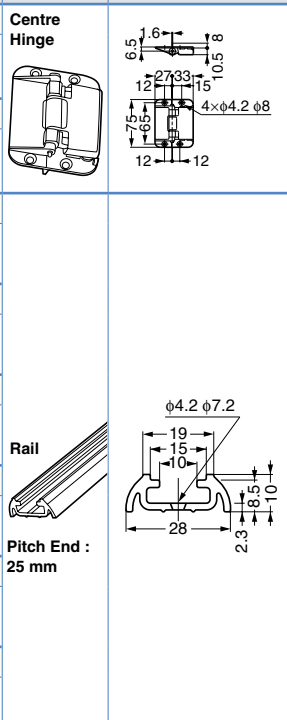
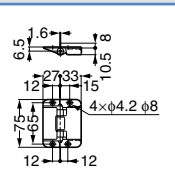
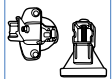
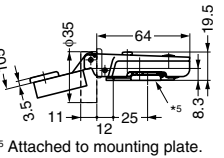

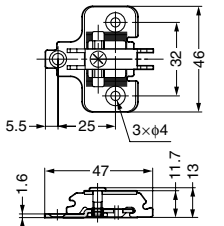
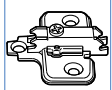
Application	Pivot Side Door at 90° Open	Pivot Side Door at 95° Open	Same Door Width Pivot Side Door at 87° Open
 <p>Approx. 63</p> <p>W : Width of inside cabinet W₁ : Width of Door 1 and Door 4 W₂ : Width of Door 2 and Door 3 W₃ : Width of Door 3 E : Coverage θ° : Opening angle at pivot side door</p> <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"> • W₃=W₁ $W_1 = W_3 = \frac{W+2E-6.4}{3}$ $W_2 = W_1 + 3.2$ • W₃=W₂ $W_1 = \frac{W+2E-9.6}{3}$ $W_2 = W_3 = W_1 + 3.2$ 	<ul style="list-style-type: none"> • W₃=W₁ $W_1 = W_3 = \frac{W+2E-9.4}{3}$ $W_2 = W_1 + 6.2$ • W₃=W₂ $W_1 = \frac{W+2E-15.6}{3}$ $W_2 = W_3 = W_1 + 6.2$ 	$W_1 = \frac{W+2E-3.2}{3}$ $W_1 = W_2 = W_3$ <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"> • Material Zinc Alloy (ZDC) Polyacetal (POM) • Finish Nickel • Body: Nickel 	 <p>Pitch End : 25 mm</p>	250-129-208	Centre Hinge		<ul style="list-style-type: none"> • Material Zinc Alloy (ZDC) Polyamide (PA) Polyacetal (POM) • Hinge Axis: Steel • Finish Body: Nickel (NI) Bronze (GB) 	
	FD28-SG	Concealed Hinge				<ul style="list-style-type: none"> • Material Steel • Finish Nickel <p>*5 Attached to mounting plate.</p>	④ CH-75NI Nickel			250-120-031
②	160-070-036	Concealed Hinge		<ul style="list-style-type: none"> • Material Steel • Finish Nickel 		⑤ CH-75GB Bronze	250-120-039		FD28-910-SIL Silver 910 mm	<ul style="list-style-type: none"> • Material Aluminium Alloy • Finish Anodized/Silver
	230-26/19T	Mounting Plate				⑥ FD28-910-SIL Silver 910 mm	250-120-037		FD28-1220-SIL Silver 1220 mm	
③	160-070-041	Mounting Plate		<ul style="list-style-type: none"> • Material Steel • Finish Nickel 		⑦ FD28-1220-SIL Silver 1220 mm	250-120-038		FD28-910-GB Bronze 910 mm	<ul style="list-style-type: none"> • Material Aluminium Alloy • Finish Anodized/Bronze
	230-P4W-32T	Centre Hinge				⑧ FD28-1820-SIL Silver 1820 mm	250-120-036		250-120-034	
						⑨ FD28-910-GB Bronze 910 mm	250-120-034		FD28-1820-GB Bronze 1820 mm	

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