

Extrusion General Accessories-Folding Door Series

Aluminum extrusions for folding door

Code	Material	Surface Treatment
AOB05	A6063-T5	Sandblast oxidation
AGB06		Sandblast electrophoresis

- The fracture section haven't do oxidation.
- Maximum length of use: 4000mm.
- Surface treatment can be customized.

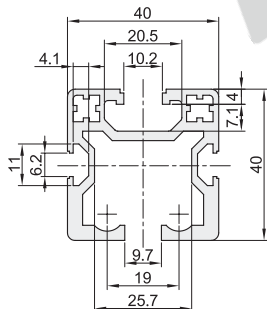
L length tolerance

$L \leq 1000\text{mm}$

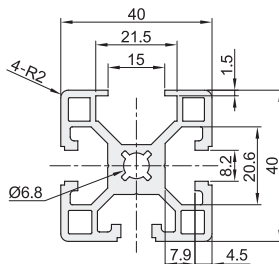


(When $L > 1000\text{mm}$, length dimension tolerance is ± 0.5)

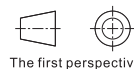
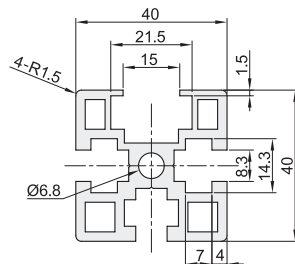
AOB05-4040DG



AOB05-4040HC



AGB06-4040HC



The first perspective

Part number		L 0.5 mm Inc.	Section Dimension	Weight per meter Kg/m (Theoretical value)	Sectional area (mm ²)	Moment of inertia of section		Bending section modulus	
Code	No.					I_x	I_y	$W_{x\max}$ (mm ³)	$W_{y\max}$ (mm ³)
AOB05	4040DG	50~4000	40×40	1.39	503.54	9.02×10^4	10.67×10^4	4391.35	5336.41
	4040HC			1.54	559.12	7.98×10^4	9.03×10^4	3759.20	4516.36
AGB06	4040HC			1.70	616.04	8.92×10^4	10.35×10^4	4149.00	5173.96

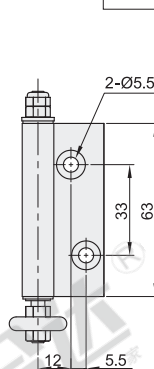
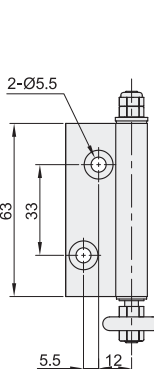
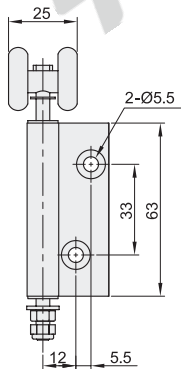
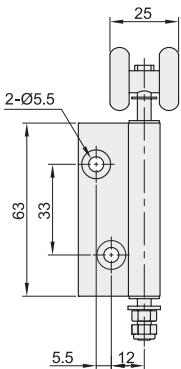
Hanging wheel hinge

Code	Type	Material	Surface Treatment
AKQ01-G-D-2463	Single left hanging wheel	Aluminum alloy	Anodize
AKQ01-G-X-2463	Single left lower guide wheel		

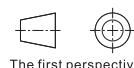
- Used for folding door and sliding door sliding in the hanging rail.

AKQ01-G-D-2463L
AKQ01-G-D-2463R

AKQ01-G-X-2463L
AKQ01-G-X-2463R



Code	Weight(g/pcs)
AKQ01-G-D-2463L	71.1
AKQ01-G-D-2463R	71.1
AKQ01-G-X-2463L	43.9
AKQ01-G-X-2463R	43.9



The first perspective



Please order as shown

Code
AKQ01-G-D-2463R
AKQ01-G-X-2463R



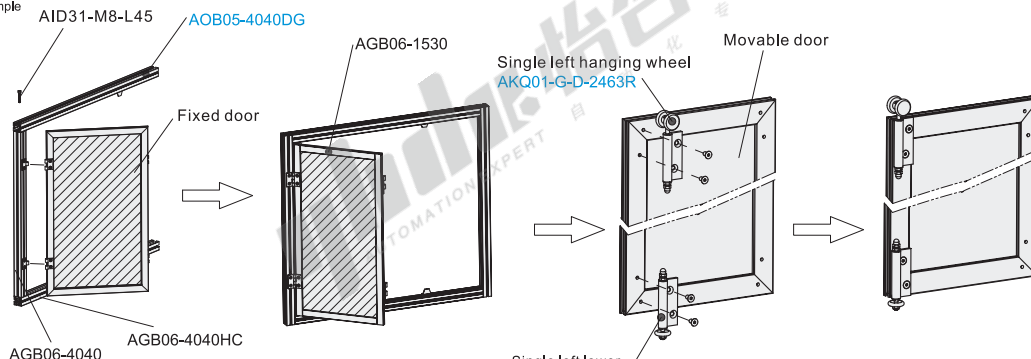
Quotation Way
AUTOMATION EXPERT

Extrusion General Accessories-Folding Door Series

EX

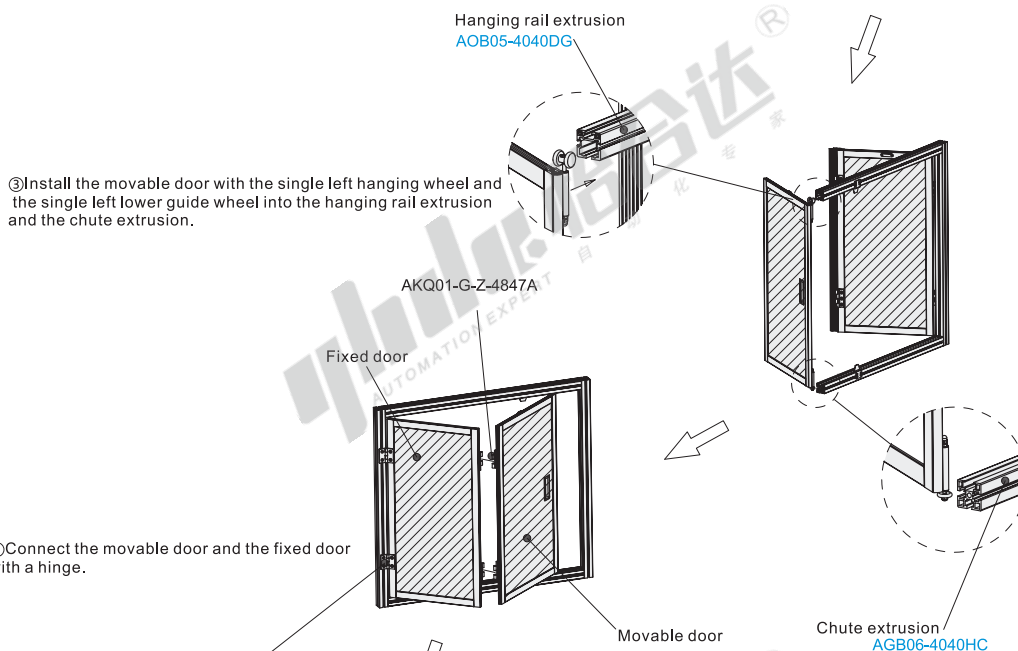
Installation method of folding door

Example



① Install the fixed door hinge on the door post. Pay attention to ensure that the gap between the door frame and the door post is about 1~2mm.

② Install the single left hanging wheel and single left lower guide wheel on the upper and lower sides of the door frame of the movable door.



③ Install the movable door with the single left hanging wheel and the single left lower guide wheel into the hanging rail extrusion and the chute extrusion.

④ Connect the movable door and the fixed door with a hinge.

⑤ Paste the anti-pinch tape to the junction of the movable door and the fixed door to prevent fingers from being pinched when the door is closing.

Anti pinch tape
AMR61

Use 10×3 aluminum strips (ATY05-Y-A10-B3-LXX) to perforated anti-pinch tape to fix on the extrusion door frame

⑥ Install the pin locating plate behind the door frame, the installation of the folding is complete.

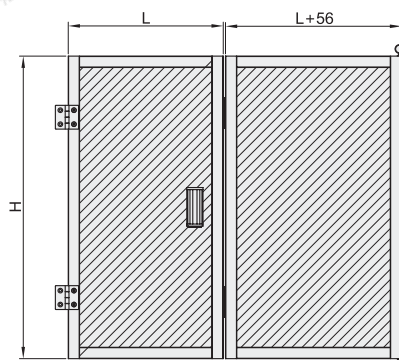
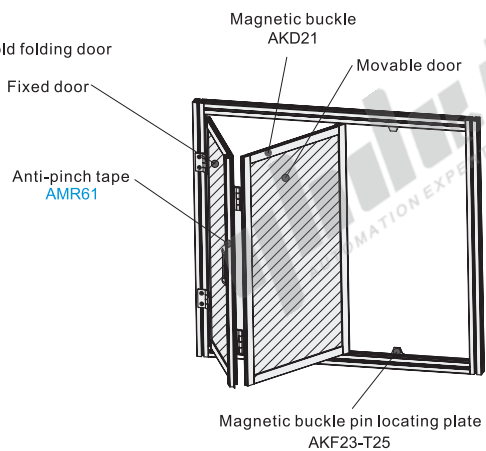
Extrusion General Accessories-Folding Door Series

EX

Example

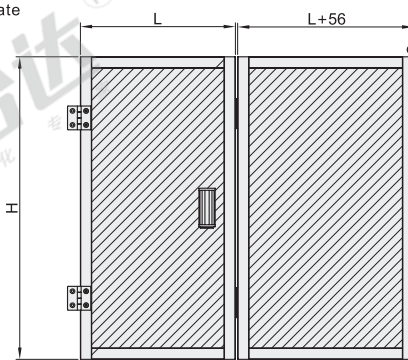
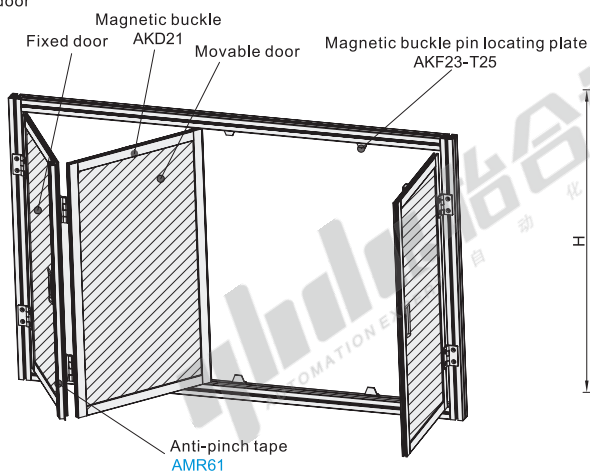
Usage example of folding door

Two-fold folding door



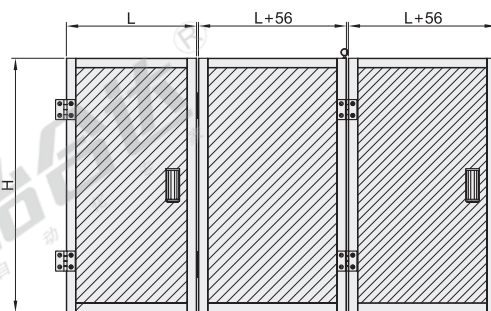
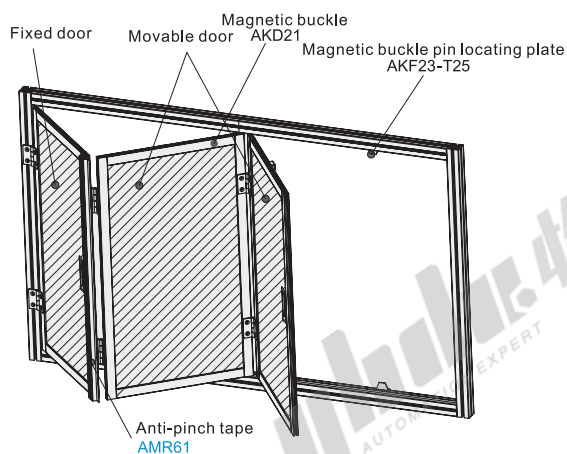
Opening dimension of the door frame

2+1 folding door



Opening dimension of the door frame

Three-fold folding door



Opening dimension of the door frame