

DATA SHEET

Main properties



Resistance to wind load

Class 3 - 4



Temperature range

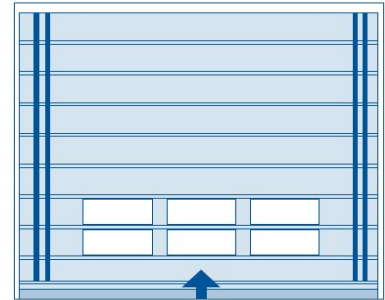
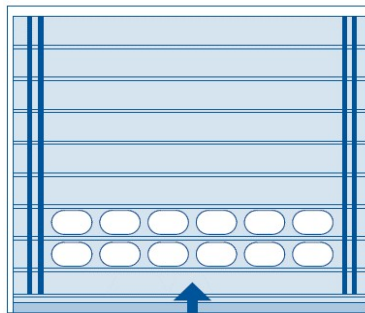
-30°C to +40°C

F 6010 Iso

Folding internal and external door with triple insulation material

The opening speed of up to 1.0 m/s accelerates work processes for external door openings and reduces the thermal losses and draughts at the door. The stable steel wind reinforcement laths are arranged at 600 mm intervals across the entire height of the door and enable reliable operation up to wind class 3 (optionally up to wind class 4). In addition, the flexible PVC guide belts minimise the noise of the curtain caused by wind. The F 6010 Iso also includes an insulated curtain for improved thermal insulation.

This door can be used for a time in very cold regions thanks to the optionally heated motors.



Door size

Width (max.)	6000	mm
Height (max.)	6000	mm

Speed (control AK E)

Opening approx.	1,0	(m/s)
Closing approx.	1,0	(m/s)

The values depend on the configuration of the door

Product description	
Use	External / internal door
Design	Self-supporting
Door leaf	PVC, steel wind reinforcement laths
Fabric thickness	1,0
Volt-free contacts	2 / 3 (with control AK 500 FUE-1)

Door leaf		
Curtain	PVC	●
	Oval vision field (370 x 280 mm)	○
Wind lock	Steel wind reinforcement laths in the door curtain	●
Insulation	Inserted high-insulation 12 mm triple insulation material	●
Standard colour	RAL 9018 Zinc yellow, RAL 2004 Pure orange, RAL 3002 Carmine red, RAL 5010 Gentian blue, RAL 7034 Agate grey	●
Optional colour	RAL 1015 Light ivory, RAL 5015 Sky blue, RAL 6026 Opal green, RAL 7016 Anthracite grey, RAL 9005 Jet black, RAL 9010 Pure white	○
Side element colours	Galvanized	●
	Painted in standard colour	●
	Painted in special colours	○
	Stainless steel	○

● Standard ○ Optional

Performance characteristics		Achievable values	
Resistance to wind load acc. to EN 12424		Class	3 - 4*
Temperature range		°C	-30°C to + 40°C

The performance characteristics specified can only be achieved with the corresponding equipment.

*Optional

Safety and operator equipment	
Safety equipment	Light grille
	Optional closing edge safety device
Operator	<p>Direct drive operator with electromagnetic brake, integral catch safety device, digital limit switch, emergency opening via emergency crank handle, motor power 1.8 kW</p> <p>Connecting voltage 400 V 3-phase or 230 V 3-phase, 50 Hz, protection category IP 65, operator side right or left</p>
Control	<p>Control AK E in plastic control box, IP 54, 3-phase, 400 V, size (W × H × D) = 180 × 320 × 100 mm, inversion relay, electronic travel limit setting, Open-Stop-Close membrane push button, emergency-off button, automatic timer and display, connection cable with CEE plug, 2 volt-free contacts available</p>
	<p>Optional control AK 500 FUE-1 in plastic control box, IP 54, 3-phase, 400 V, size (W × H × D) = 230 × 460 × 200 mm, frequency converter, electronic travel limit setting, "Open-Stop-Close" membrane push button, main switch, emergency-off button, automatic timer and display, connection cable with CEE plug, 3 volt-free contacts available</p>

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