

DATA SHEET

Main properties



Resistance to wind load

Class 5



Thermal insulation

Up to 1.04 W/(m²K)



Acoustic-rated

26 dB



Resistance to water penetration

Class 1



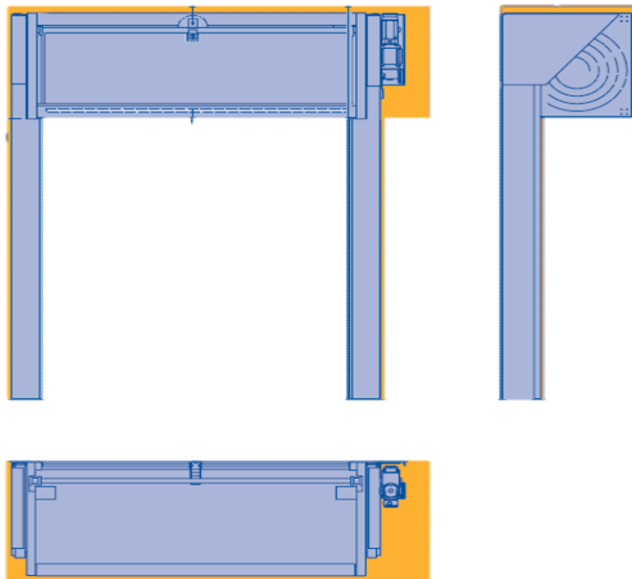
Air permeability

Class 2

The values depend on the configuration of the door.

HS 5012 PU 42 S High-speed sectional door with steel sandwich section

This door not only convinces with its narrow side elements, which enable fitting in tight spaces. Counterbalancing was also realised without springs, reducing maintenance costs significantly.



Gate size

Max. width	5000	mm
Max. height	5000	mm

Speed (FU control, 3-phase, AK 500 FUE-1)

Max. opening speed	1,2	(m/s)
Closing approx.	0,5	(m/s)

Product description	
Use	External / internal door
Design	Non-self-supporting
Door leaf	Steel sandwich sections with thermal break, PU-foamed
Depth	42 mm
Section height	250 mm
Ventilation grilles	Ventilation cross-section 54%
Potential-free contacts	3
Track application	Spiral track application

Door leaf		
Exterior surface finish	Micrograin	●
Interior surface finish	Stucco	●
Standard colour	RAL 9006	●
Optional colour	Wet coated, RAL to choose	○
Aluminium rail windows	Anodised aluminium E6 / EV1	○
Glazing	Double synthetic panes	○
ThermoFrame		○

● Standard ○ Optional

Performance characteristics		Achievable values	
Resistance to wind load acc. to EN 12424	Door width ≤ 5000 mm	Class	5
Thermal insulation acc. to EN 13241-1, ISO 12567-1 Door size 4000 × 4000 mm, without glazing, with ThermoFrame		W/(m²K)	1,04
Acoustic insulation acc. to EN 717-1		R [db]	26
Resistance to water penetration acc. to EN 12425		Class	1
Air permeability acc. to EN 12426		Class	2

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

Safety and operator equipment		
Emergency opening	Emergency hand chain	•
Security features	EN 13241.1	•
Operator and control	Frequency converter	•
	Connecting voltage, 3-phase, 3 – 400 V, N, PE	•
	Open-Stop-Close button	•
	Main switch with all-pole switch-off, 3-phase	•
	Emergency-off button, 3-phase	•
	Electronic limit switch DES	•
	Closing zone monitoring, safety grille IP 67	•
Protection category for operator / control	IP 54 / IP 65	•
Hold-open phase, in sec.	1 – 200	•
Control wiring	Plug-in	•

• Standard ○ Optional

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