

Main properties



Resistance to wind load

Class 4



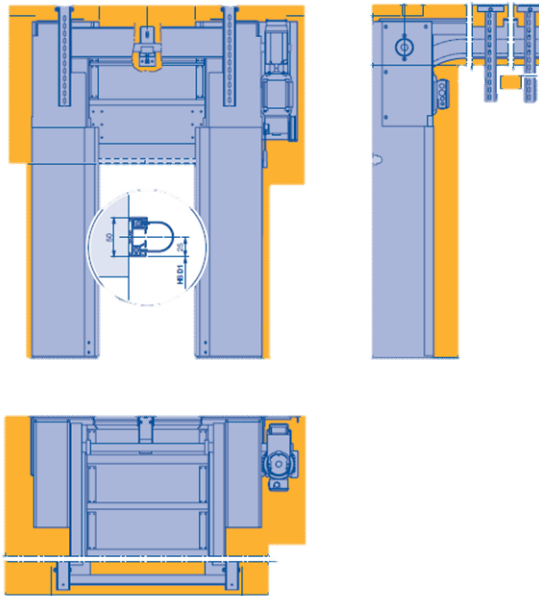
Acoustic insulation

Up to 31 dB

HS 5015 Acoustic H

High-speed sectional door with horizontal track application

This door is the right choice for special acoustic insulation requirements. The profiles feature 5 mm PVC and 30 mm PU foam, achieving a dB value of 31 thanks to this combination.



Door size		
Max. width	5000	mm
Max. height	5000	mm

Speed (frequency converter control, 3-phase, AK 500 FUE-1)		
Max. opening speed	1.5 - 2.5	(m/s)
Close approx.	0,5	(m/s)

The values depend on the configuration of the door.

Product description	
Use	External / internal door
Design	Non-self-supporting
Door leaf	Aluminium section E6/EV1 anodised, 5 mm UPVC and 30 mm PU foam
Depth	42 mm
Section height	225 mm
Volt-free contacts	3
Door leaf counterbalance	Belt mechanism and counter weights
Track application	Track application H (high-lift)

Door leaf		
Exterior surface finish	Aluminium E6	●
Interior surface finish	Aluminium E6	●
Standard colour	EV1 anodised	●
Optional colour	High-quality wet coating – coating, RAL to choose	○
ThermoFrame		○

● Standard ○ Optional

Performance characteristics		Achievable values	
Resistance to wind load according to EN 12424	Door width ≤ 5000 mm	Class	4
Thermal insulation acc. to EN 13241-1, ISO 12567-1 Door size 4000 x 4000 mm, without glazing, with ThermoFrame		W/(m²K)	-
Acoustic insulation acc. to EN 717-1		R [db]	31
Resistance to water penetration acc. to EN 12425		Class	-
Air permeability acc. to EN 12426		Class	-

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

Safety and operator equipment		
Emergency opening	Emergency hand chain	•
Safety equipment	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	•
Fuse protection, 1-phase, 3-phase	16 A, slow-acting	•
Hold open phase, in sec.	1 - 200	•
Control wiring	Plug-in	•

• Standard ○ Optional

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