

DATA SHEET

Main properties



Resistance to wind load

Class 5



Thermal insulation

Up to 0.57 W/(m²K)



Acoustic-rated

Up to 26 dB



Resistance to water penetration

Class 3



Air permeability

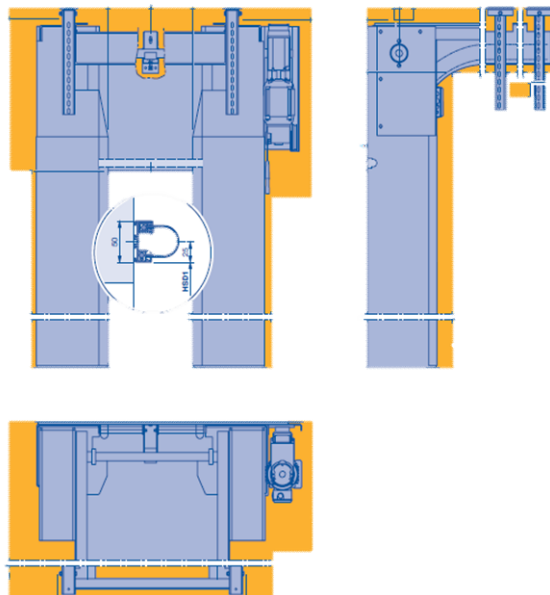
Class 3

The values depend on the configuration of the door.

Iso Speed Cold H 100

High-speed sectional door with steel sandwich section

This door was designed specifically for the requirements of the frozen foods industry. 100 mm thick sections reliably separate areas with different temperatures. The ThermoFrame is part of the scope of delivery. For deep freeze applications, the side elements, control box, operator and sealing frame as well as the floor plate heating are heated.



Gate size

Max. width	5000	mm
Max. height	5000	mm

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

Max. opening speed	1.5 – 2.0	(m/s)
Closing approx.	0,5	(m/s)

Product description	
Use	Internal and external door
Design	Non-self-supporting
Door leaf	Steel sandwich sections with thermal break, PU-foamed
Depth	100 mm
Section height	500 mm
Potential-free contacts	3
Door leaf counterbalance	Belt mechanism and counter weights
Track application	Track application H (high-lift)

Door leaf		
Exterior surface finish	Stucco	●
Interior surface finish	Stucco	●
Standard colour	RAL 9002	●
Optional colour	Wet coated, RAL to choose	○
ThermoFrame		●

● Standard ○ Optional

Performance characteristics		Achievable values	
Resistance to wind load acc. to EN 12424		Class	5
Thermal insulation acc. to EN 13241-1, ISO 12567-1 Door size 4000 × 4000 mm, without glazing, with ThermoFrame		W/(m ² K)	0.57
Acoustic insulation acc. to EN 717-1		R [db]	26
Resistance to water penetration acc. to EN 12425		Class	3
Air permeability acc. to EN 12426		Class	3
Temperature range*	Fitting side	°C	> 0°C
	Opposite side		max. -28°C
	or		
	Fitting side		0°C up to max. -28°C
	Opposite side		0°C up to max. -28°C

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

*Other temperature ranges on request.

The temperature difference between the fitting and opposite side must not exceed 40°C.

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	•
Fuse, 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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