

## DATA SHEET

### Main properties



**Resistance to wind load**

Class 4



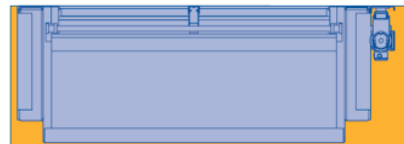
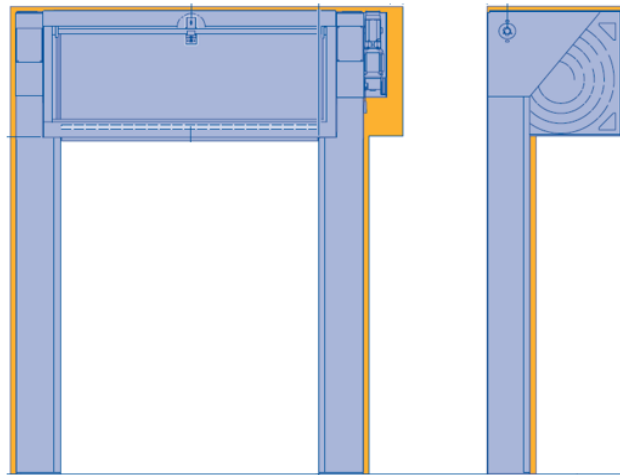
**Acoustic insulation**

Up to 31 dB

## HS 7030 Acoustic

### Spiral door with non-contact roll-up technology

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.



Gate size		
Max. width	5000	mm
Max. height	5000	mm

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

The values depend on the configuration of the door.

Product description	
<b>Use</b>	External / internal door
<b>Design</b>	Non-self-supporting
<b>Door leaf</b>	Aluminium section E6 / EV1 anodised, 5 mm PVC and 30 mm PU foam
<b>Depth</b>	42 mm
<b>Section height</b>	225 mm
<b>Potential-free contacts</b>	3
<b>Door leaf counterbalance</b>	Chain mechanism and springs
<b>Track application</b>	Spiral

Door leaf		
<b>Exterior surface finish</b>	Aluminium E6	●
<b>Interior surface finish</b>	Aluminium E6	●
<b>Standard colour</b>	EV1 anodised	●
<b>Optional colour</b>	Wet coated, RAL to choose	○
<b>ThermoFrame</b>		○

● Standard    ○ Optional

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

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

Safety and operator equipment		
<b>Emergency opening</b>	Emergency hand chain	•
<b>Security features</b>	EN 13241.1	•
<b>Operator and control</b>	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	•
<b>Protection category for operator / control</b>	IP 54 / IP 65	•
<b>Fuse, 1-phase, 3-phase</b>	16 A, slow-acting	•
<b>Hold-open phase, in sec.</b>	1 – 200	•
<b>Control wiring</b>	Plug-in	•

• Standard    ○ Optional

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