

DATA SHEET

Main function



Fire-proof



Self-closing

50,000 cycles



CE mark

EN 13241 / EN 16034

Additional functions with
corresponding equipment



Smoke protection

S₂₀₀



S_a



Acoustic value

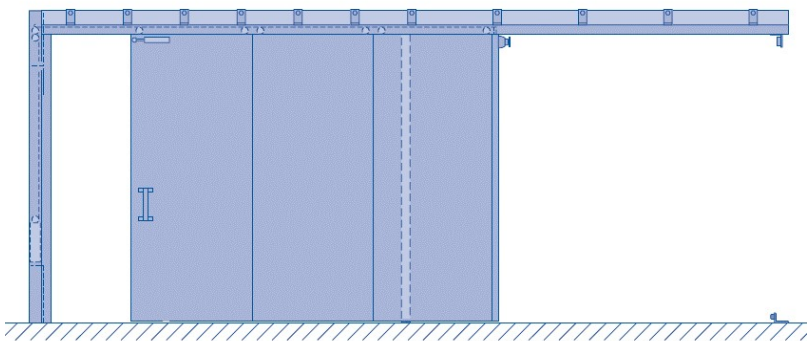
Up to 31 dB

The values depend on the configuration
of the door.

Fire door FST 90-1 OD

Single-leaf, self-closing fire and smoke-tight sliding door in panel construction with concealed connection via threaded rods. Magnet as hold-open device.

Closing speed can be adjusted continuously via an integrated track control (0.08 to 0.2 m/s). Integrated floor guide roller.



Dimensions (mm)		Standard / S _a	S ₂₀₀
Clear passage dimension (LDB/LDH)	Width (mm)	1000 - 12000	1000 - 7000
	Height (mm)	2000 - 8260	2000 - 4500
Door leaf surface	(m ²)	62,5	34
Wicket door	Width (mm)	750 - 1000	750 - 1000
	Height (mm)	1550 - 2000	1550 - 2000
Door leaf surface (m ²)	(m ²)	62,5	29

Construction and quality features		Function
Use	Internal door	•
Fastening options	Concrete, brickwork, gas concrete, encased steel construction	•
Depth in mm	Door leaf 72 mm, overall construction 132 mm	•
Design	Door leaf elements as fully bonded composite construction	•
Door leaf weight	Approx. 50 kg/m ²	•
Surface finish, door-leaf and frames	Galvanized	•
	RAL to choose	○
	stainless steel	○
Wicket door	Optionally up to 2 wicket doors, without threshold rail as standard, optionally with 22 mm threshold rail	○
Glazing	1 glass per panel or glazing in wicket door possible	○
Fitting	Wall fitting, ceiling fitting	○
Operator	Motor-driven / manual	○

• Standard ○ Optional

Performance characteristics		
Fire resistance acc. to EN 16034	Class	E90, EI ₂ 90
Self-closing acc. to EN 16034	Class	C2, C3
Smoke protection acc. to EN 16034	Class	S ₂₀₀ / S _a
Acoustic value acc. to EN ISO 717-1	R [db]	31
CE mark	EN 13241 / EN 16034	

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

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