



B·S·T® DIN Fire dampers

Effective protection against fire,
smoke and much more if required

SOMMER B·S·T® DIN fire dampers are tested according to DIN 4102 and approved by the DIBt for Germany. The pressure-resistant infills used in conjunction with galvanised and painted steel sheets with a door leaf thickness of 64 mm ensure high dimensional stability and strength.

Highlights

- Fire protection T90 per DIN 4102
- Smoke protection RS per DIN 18095
- Break-in resistance to RC3 per EN 1627
- Noise protection to 47 dB per DIN 52210 or EN ISO 717-1
- Air sealing to Cl. 4 per EN 12207
- Pressure resistance
- Special versions to customer order with type approval for the planned structure

B·S·T® DIN fire dampers

Technical data



DESCRIPTION

B·S·T® DIN fire dampers are tested per DIN 4102 for installation above floor level, for example for shafts. The galvanised and painted steel sheets in a door leaf thickness of 64 mm in conjunction with pressure-resistant infills ensure high dimensional stability and strength. The two two-piece galvanised spring hinges ensure ease of movement and self-closure. As standard, a galvanised and painted corner frame of 2.5 mm sheet steel is used with the fire damper. Alternatively, block or closed frames, or top door closers can be used. SOMMER B·S·T® DIN fire dampers can be combined with other safety requirements, like smoke and break-in protection. For indoor use only.

VERSION

T90



1-leaf

REQUIREMENTS

- Fire protection T90 per DIN 4102
- Smoke protection RS per DIN 18095
- Break-in resistance to RC3 per EN 1627
- Noise protection to 47 dB per DIN 52210 or EN ISO 717-1
- Air sealing to Cl. 4 per EN 12207
- Pressure resistance

SIZE RANGES (BASIC DIMENSIONS)

From 750 × 750 mm
to 1145 × 1270 mm
Other sizes on request

STRUCTURAL ATTACHMENTS

- Masonry ≥ 240 mm
- Concrete ≥ 140 mm (1 leaf ≥ 100 depending on the size)
- Standard install with surrounding frame
- Special install for floor-level installation with drop-down seal

OPTIONAL EQUIPMENT

- Panic version, also for RC2/RC3
- Self-locking locks
- Electronic locks
- Door closer
- Door condition contacts, bolt contacts
- Surface detection