STÖBICH®

SYSTEM: FIBERSHIELD®

MODEL: FIBERSHIELD®-I

Product description

Heat-insulating fire protection closure with a textile design that closes automatically in the event of an alarm, vertical installation position and closing direction

Type	Heat-insulating fire protection closure with textile design
Verification	CE marking according to EN 16034:2014 in conjunction with EN 13241:2003+A2:2016
Closing direction	From top to bottom
Fire resistance	EI_1 30 - EI_2 120 | Tested according to EN 1634-1:2014-03 | Classified according to EN 13501-2:2016
Smoke protection	S_a: for joint length 14.5 m for EI_1 30 – EI_2 120 | Tested according to EN 1634-3:2005-01 in connection with EN 1363-1:2012-10 | Classified according to EN 13501-2:2016
Closing cycles	C0, C1, C2 | Tested according to EN 12605:2000-08 | Classified according to EN 13501-2:2016
Fire behaviour of textile	B-s1, d0; E-d2 | Tested according to ISO 11925-2 and EN 13823 | Classified according to EN 13501-1:2018
Environmental conditions	Special environmental conditions are not taken into account (e.g. humidity > 80 %, ambient temperature < 5 °C and > 45 °C, wind loads etc.).
Visible surfaces	galvanized RAL, smooth, silk gloss, standard colour shade NCS standard color Stainless steel type I V2A material A-1.4301 (bright) Stainless steel type II V2A material A-1.4301, K240 (ground) in each case for the visible surfaces of the housing and the guide rails

Dimensions and system design

The combination of classifications or the ratio of clear system width to clear system height may reduce the stated maximum dimensions and the dimensions of the enclosure and guide rails may vary. The specifications on the quotation apply.

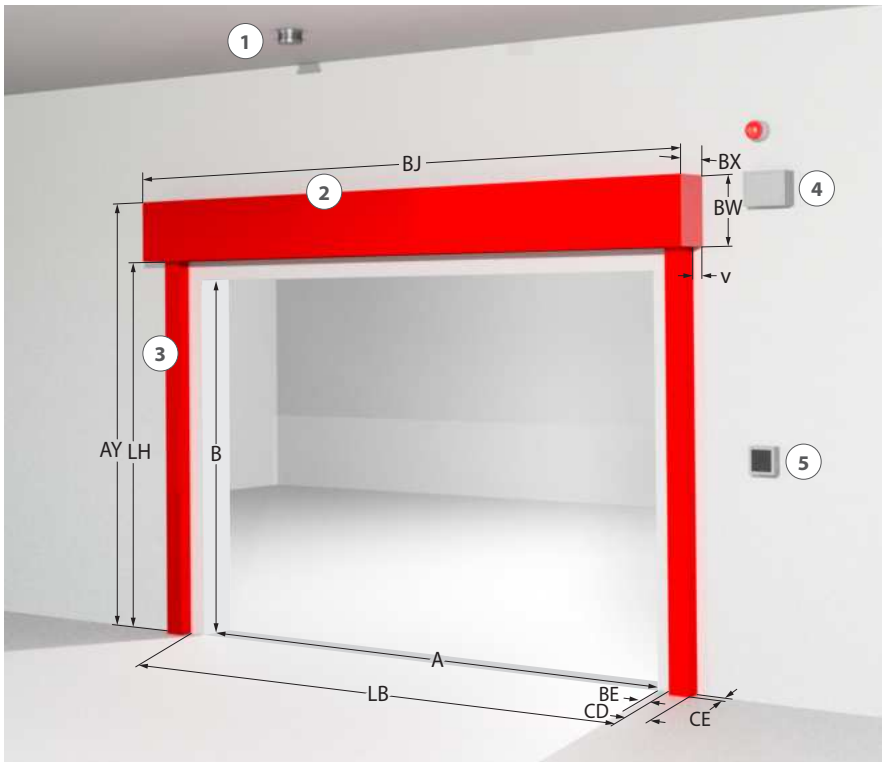
Fire resistance/ classifications	Size max.* [LB x LH] in mm	Fabric	Wall thickness** in mm	Housing	Guide rails
EI_1 30/EI_2 30	7315 x 3800	Stratex 3	150	Type A	Type 1 or Type 3***
EI_1 30/EI_2 30	7315 x 4950	Stratex 3	150	Type B	Type 1 or Type 3***
EI_1 60	6600 x 4840	Stratex 12	150	Type B	Type 2
EI_2 60	4400 x 3400	Stratex 6	150	Type A	Type 1 or Type 3***
EI_2 60	4400 x 4400	Stratex 6	150	Type B	Type 1 or Type 3***
EI_2 60	6600 x 4840	Stratex 9	150	Type B	Type 1
EI_1 90	6000 x 4400	Stratex 12	150	Type B	Type 2
EI_2 90	6000 x 4400	Stratex 9	150	Type B	Type 1
EI_2 120	6600 x 4840	Stratex 12	175	Type B	Type 2
S_a	S_a = joint length must not exceed 14.5 m (normative: 3-sided without end strip)				
C	7315 x 4950	Stratex 3, EI_1 30/EI_2 30			
C1	4400 x 4400	Stratex 6, EI_2 60			
	6000 x 4400	Stratex 9, EI_2 60			
	6000 x 4400	Stratex 9, EI_2 90			
C2	6600 x 4840	Stratex 3, EI_1 30/EI_2 30			
	6600 x 4400	Stratex 12, EI_1 60/EI_2 60			
	6600 x 4400	Stratex 12, EI_2 90			

The installation situation must comply with the building code requirements of the country of installation. The fire resistance of a ceiling or wall support structure and the adjacent components must at least correspond to that of the fire and/or smoke protection closure/fire and/or smoke protection curtain. Proof of the stability and serviceability of the adjacent walls and components must be provided under general ambient conditions and in the event of fire. See also notes on the standard supporting structure in EN1366-7:2004 or EN1363-1:2020. The fire protection system must not be subjected to any additional loads other than its own weight, even in the event of fire.

* Deviations from size dimensions on request

** tested wall types according to the installation instructions

*** Guide rails type 3 maximum size 3000 x 2870 mm and no permanent function C1 & C2



Legend System components:

1 = Smoke detector
2 = Housing
3 = Guide rail
4 = Control module
5 = Trigger device (see the valid general type approval of the brake system for design details of the electrical components.)

Legend Dimensioning:

Structure
B = Clear shell construction height
A = Clear shell construction width

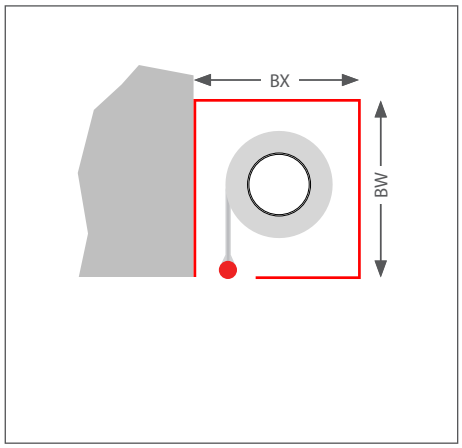
System
AY = System height
LH = Clear system height
LB = Clear system width
BJ = System width

Housing
BX = Depth
BW= Height
v = Offset between housing and guide rail

Guide rail
CD = Width
CE = Depth
BD = Offset left
BE = Offset right

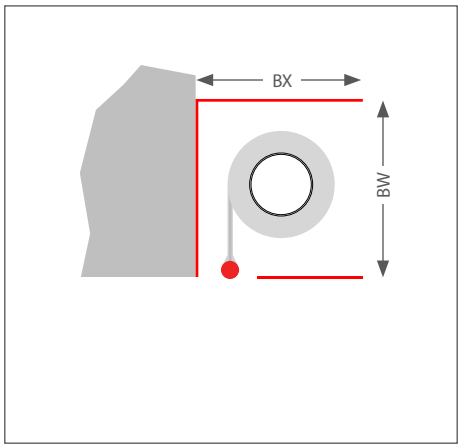
Housing

Wall with housing cover



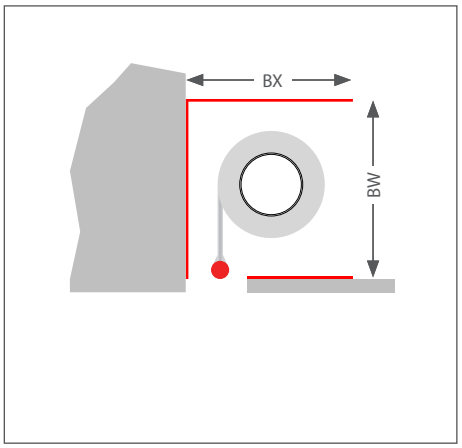
Type A: BX = 380 mm, BW = 350 mm
Type B: BX = 460 mm, BW = 430 mm

Wall without housing cover



Type A: BX = 380 mm, BW = 350 mm
Type B: BX = 460 mm, BW = 430 mm

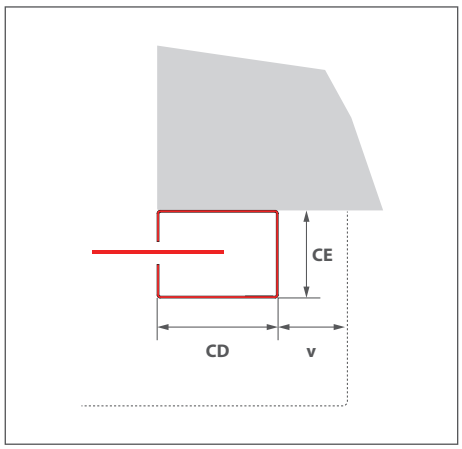
Wall without housing cover, with false ceiling



Type A: BX = 380 mm, BW = 350 mm
Type B: BX = 460 mm, BW = 430 mm

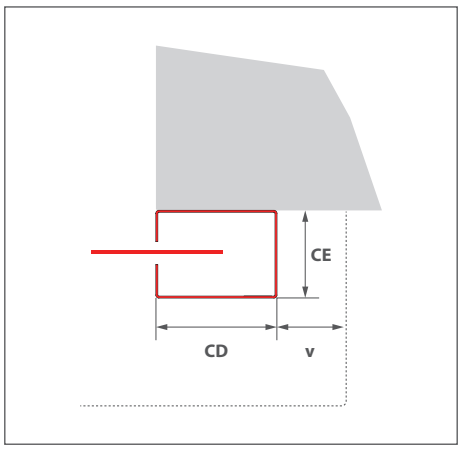
Guide rails

Type 1 (Wall mounting)



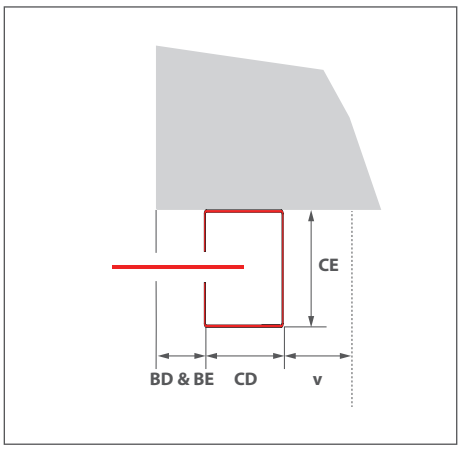
CD = 200 mm
CE = 82 mm
v = 47 mm

Type 2 (Wall mounting)



CD = 230 mm
CE = 110 mm
v = 42 mm

Type 3 (Wall mounting)

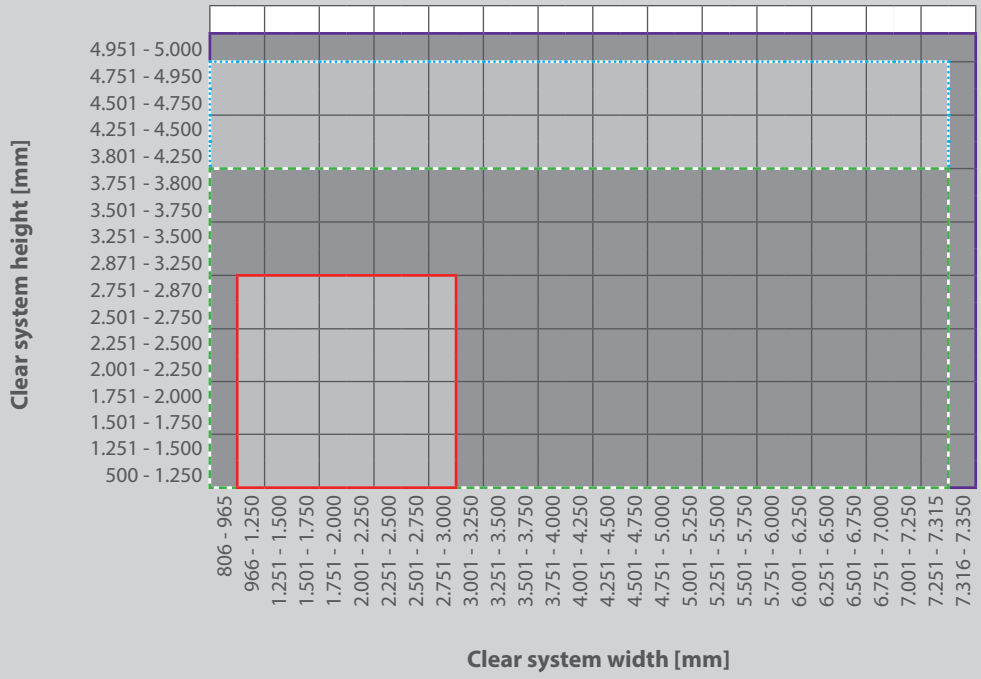


CD = 90 mm
CE = 120 mm
v = 77 mm
BD & BE = 0 mm for EI_1 30, EI_2 30
BD & BE = 60 mm for EI_2 60

Note: Dotted line for the winding shaft receptacle (housing)

Housing overview

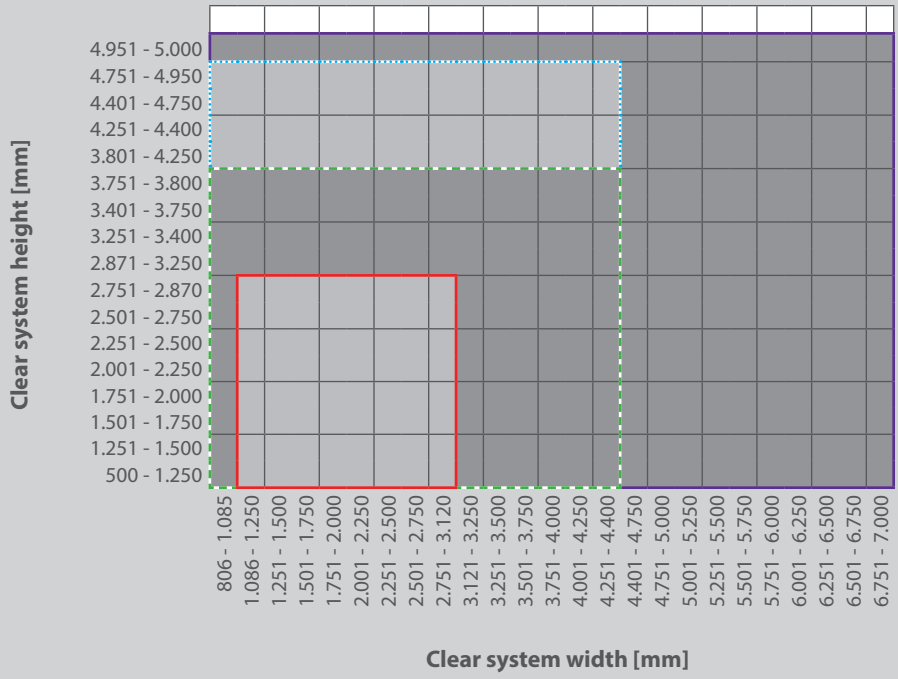
Stratex 3 (Attention variable spacing!)



Versions	Housing depth	Housing height	Mounting type Housing/guide rail
EI_1 30: Type A + Type 3	380 mm	350 mm	Wall/wall
EI_1 30: Type A + Type 1	380 mm	350 mm	Wall/wall
EI_1 30: Type B + Type 1	460 mm	430 mm	Wall/wall
TM without CE			Wall/wall

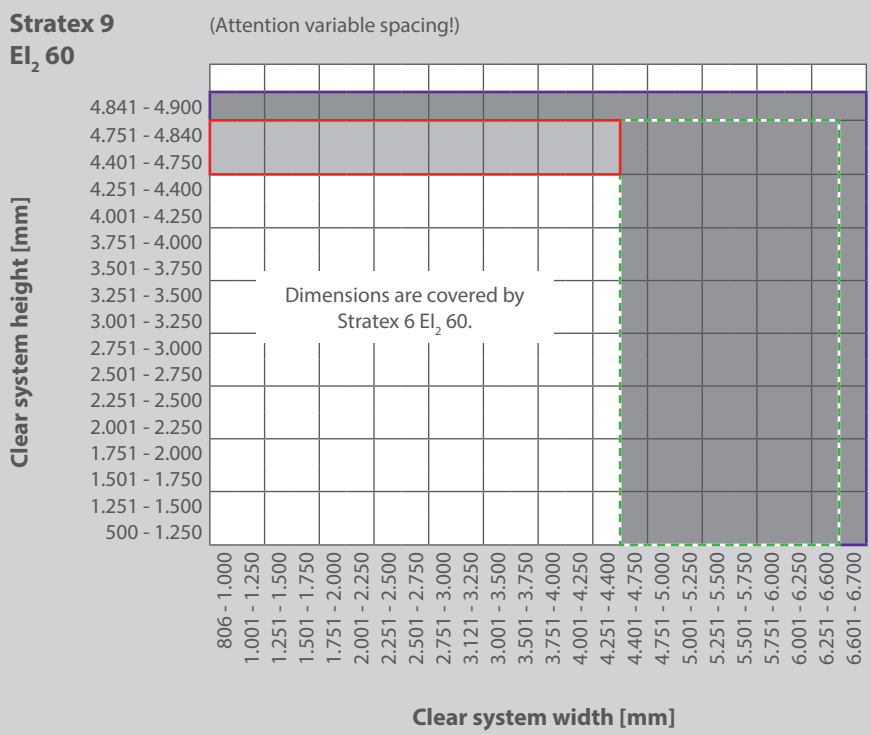
Housing overview

Stratex 6 (Attention variable spacing!)



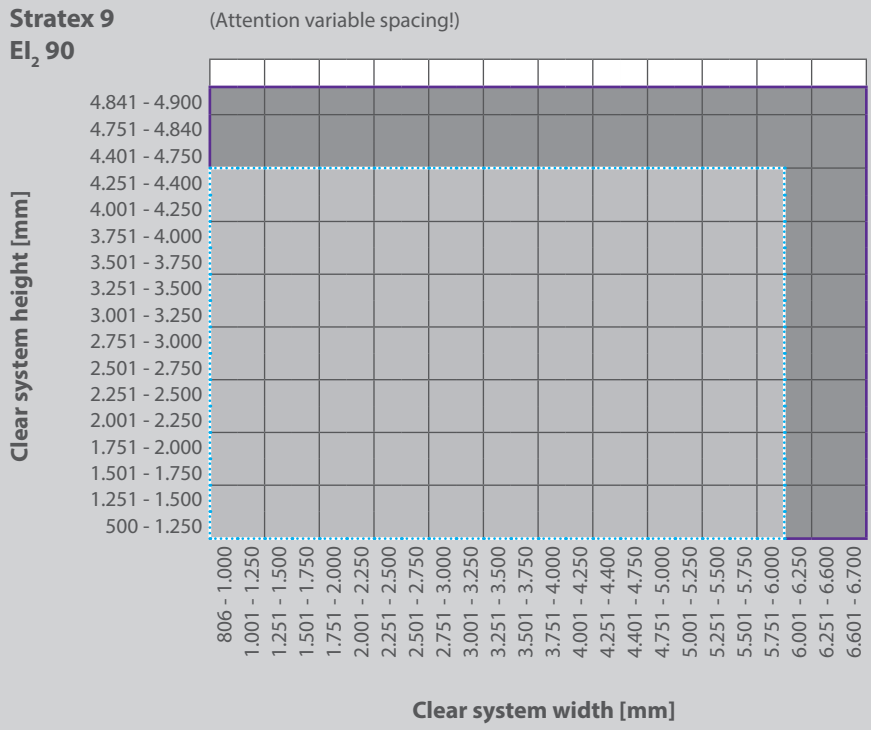
Versions	Housing depth	Housing height	Mounting type Housing/guide rail
EI_2 60: Type A + Type 3	380 mm	350 mm	Wall/wall
EI_2 60: Type A + Type 1	380 mm	350 mm	Wall/wall
EI_2 60: Type B + Type 1	460 mm	430 mm	Wall/wall
TM without CE			Wall/wall

Housing overview



Versions	Housing depth	Housing height	Mounting type Housing/guide rail
EI_2 60: Typ A + Typ 3	380 mm	350 mm	Wall/wall
EI_2 60: Typ A + Typ 1	380 mm	350 mm	Wall/wall
EI_2 60: Typ B + Typ 1	460 mm	430 mm	Wall/wall
TM ohne CE			Wall/wall

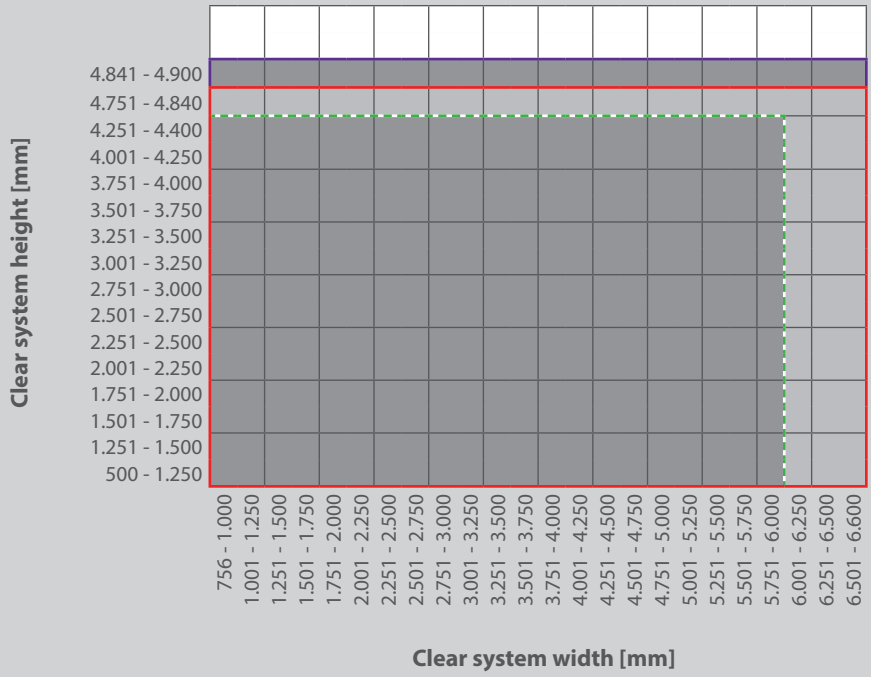
Housing overview



Versions	Housing depth	Housing height	Mounting type Housing/guide rail
EI_2 60: Type B + Type 1	460 mm	430 mm	Wall/wall
EI_2 60: Type B + Type 1	460 mm	430 mm	Wall/wall
EI_2 90: Type B + Type 1	460 mm	430 mm	Wall/wall
TM without CE: Type B + Type 1	460 mm	430 mm	Wall/wall

Housing overview

Stratex 12 (Attention variable spacing!)



Versions	Housing depth	Housing height	Mounting type Housing/guide rail
EI_1 60: Type B + Type 2	460 mm	430 mm	Wall/wall
EI_1 90: Type B + Type 2	460 mm	430 mm	Wall/wall
EI_2 120: Type B + Type 2	460 mm	430 mm	Wall/wall
TM without CE: Type B + Type 2	460 mm	430 mm	Wall/wall