

# SYSTEM: SMOKE CURTAIN

MODEL: STRIPECOIL



## Product description

The walk-through, floor-sealing smoke curtain. Stripecoil is the ideal smoke curtain for pedestrian passageways and escape routes – designed to meet the temperature class requirements of DIN EN 12101 up to D 120 (heat resistance for over 120 minutes at a test temperature of max. 600 °C) and DH 30 (heat resistance for over 30 minutes with a standard temperature curve ETK). The smoke curtain closes without external power using the “Gravigen” drive system.

<b>Function</b>	Textile smoke curtain
<b>Verification</b>	CE marking according to DIN EN 12101-1:2005+A1:2006
<b>Fabric</b>	Modutex 600
<b>Closing direction</b>	From top to bottom
<b>Closing cycles</b>	1,000 cycles according to DIN EN 12101-1:2005+A1:2006
<b>Type of guidance</b>	without guide rails
<b>Classification</b>	D 120   DH 30   Classification according to DIN EN 12101-1
<b>Release</b>	Approved parking brake system   To be provided by the client

## Dimensions and system design

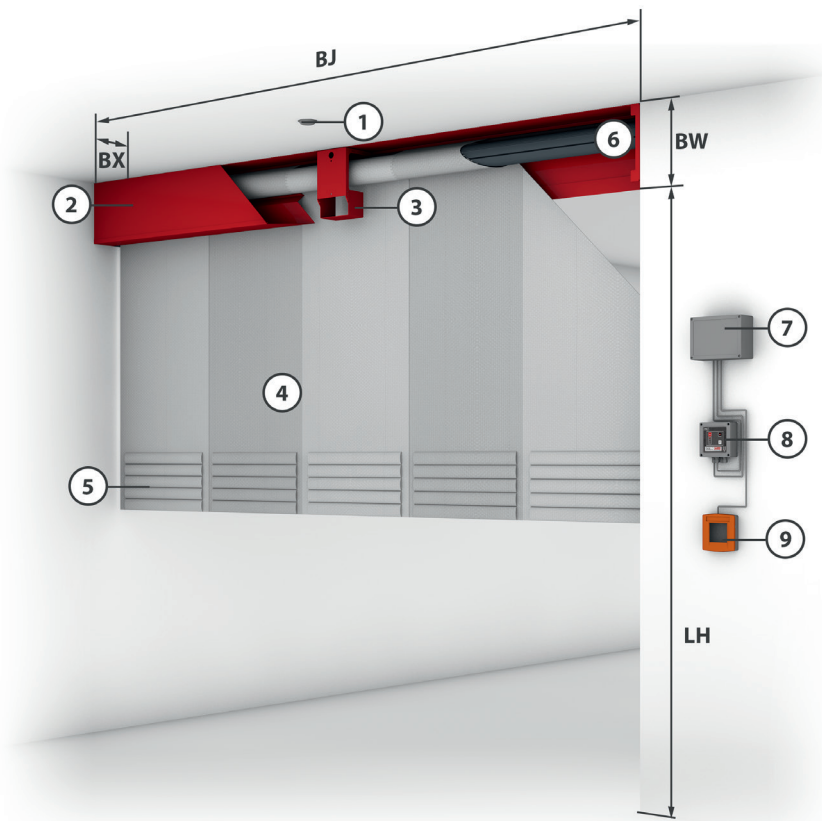
Depending on the combination of classifications or the ratio of clear system width to clear system height, the maximum dimensions stated may be reduced and the dimensions of the housing may vary. The specifications set out in the quotation apply.

Version	Fabric	System width (BJ)	Unwinding length (LH)	Depth (BX)	Height (BW)
Stripecoil 1W*	Modutex 600	≤ 1.8 m	≤ 3.5 m	190 mm	290 mm
Stripecoil 1W*	Modutex 600	> 1.8 m – ≤ 5.8 m	≤ 3.5 m	190 mm	225 mm
Stripecoil 2W**	Modutex 600	≥ 1.4 m – ≤ 2.7 m	≤ 3.5 m	330 mm	270 mm
Stripecoil 2W**	Modutex 600	> 2.7 m – ≤ 7.4 m	≤ 3.5 m	330 mm	200 mm

\* The Stripecoil 1W has only one winding tube

\*\* The Stripecoil 2W has two opposing winding tubes

### Structural design of the Stripecoil 1W



#### Legend System components:

- 1 = Smoke detector
- 2 = Housing
- 3 = Mounting bracket
- 4 = Fabric
- 5 = End strip
- 6 = Tubular motor
- 7 = Control module
- 8 = Control unit with operator panel
- 9 = Manual release

#### Dimensioning legend:

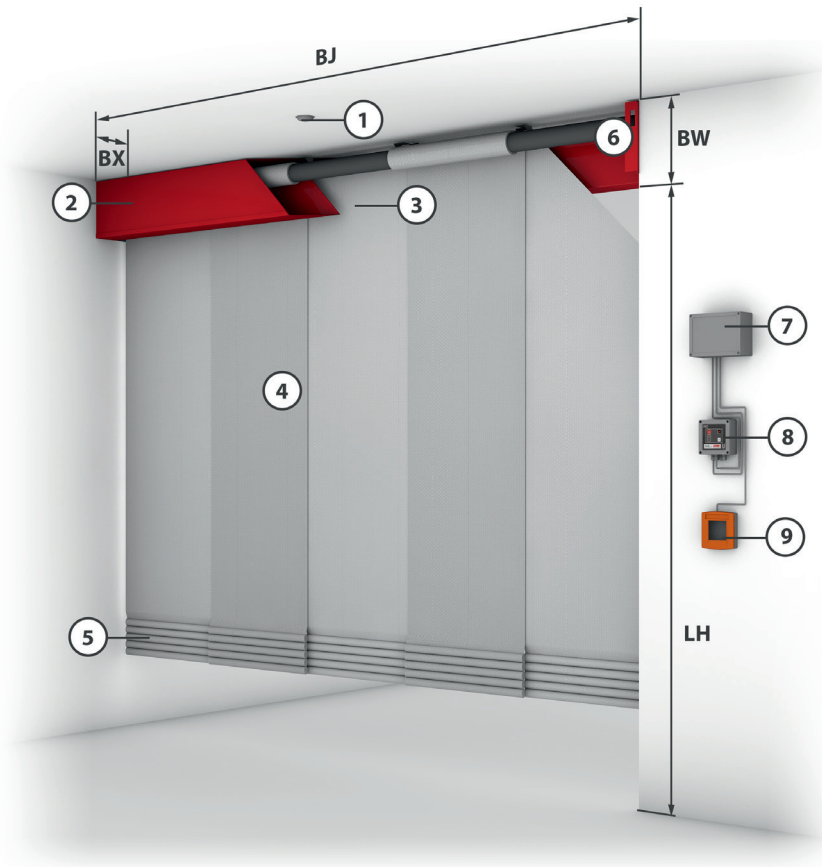
##### System

- BJ** = System width
- LH** = clear system height

##### Housing

- BW** = Height
- BX** = Depth

Structural design of the Stripecoil 2W



**Legend System components:**

- 1 = Smoke detector
- 2 = Housing
- 3 = Mounting bracket
- 4 = Fabric
- 5 = End strip
- 6 = Tubular motor
- 7 = Control module
- 8 = Control unit with operator panel
- 9 = Manual release

**Dimensioning legend:**

System

**BJ** = System width

**LH** = clear system height

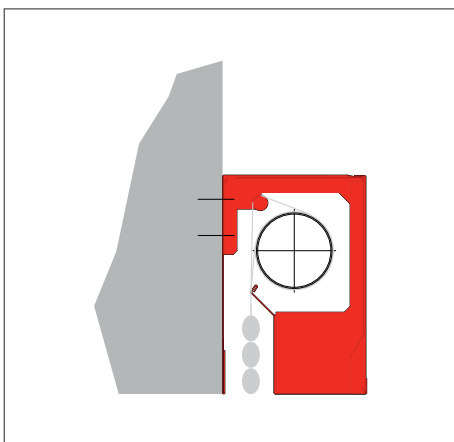
Housing

**BW** = Height

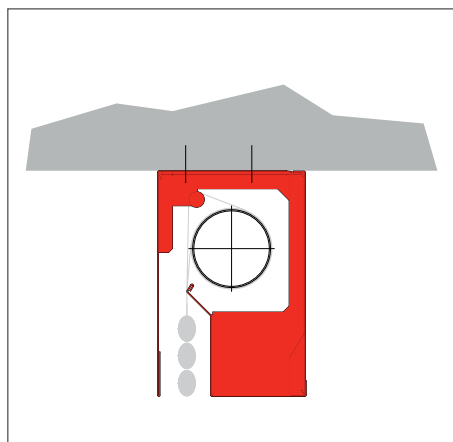
**BX** = Depth

**Housing**

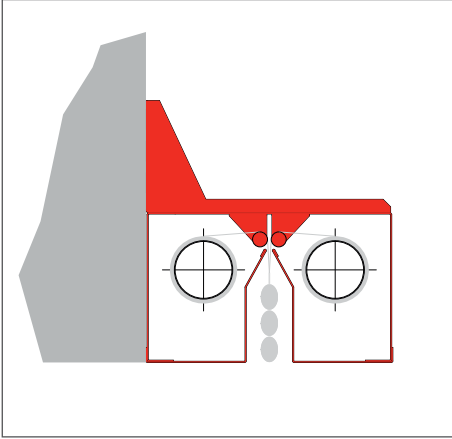
Stripecoil 1W for wall mounting



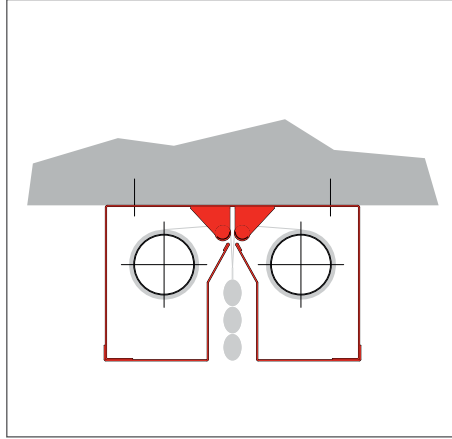
Stripecoil 1W for ceiling mounting



Stripecoil 2W for wall mounting

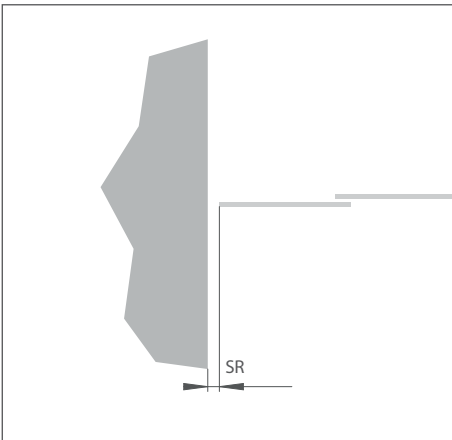


Stripecoil 2W for ceiling mounting

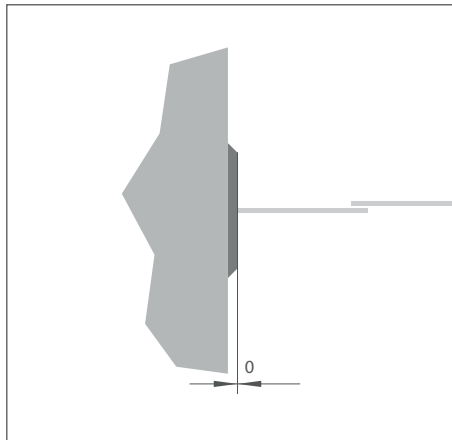


## Side clearance

without side doubling



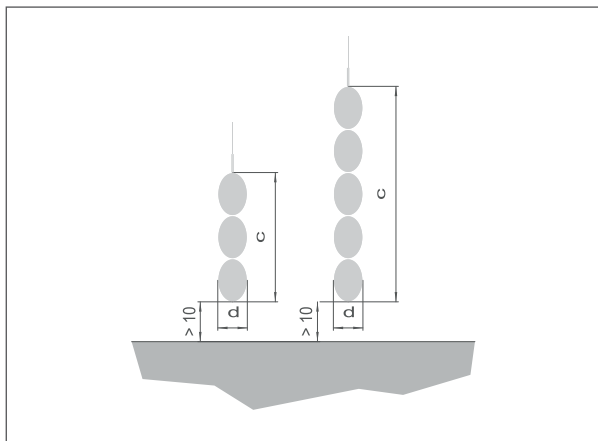
side doubling



Stripecoil 1W       $SR \geq 45 \text{ mm}$  (motor side) and  $SR \geq 25 \text{ mm}$  (opposite side)  
 Stripecoil 2W       $SR \geq 10 \text{ mm}$

## End strips

flexible end strip



d = 24 mm

c = 05/175 mm