

# SYSTEM: OMNICOMPACT-CSC



## Product description

Self-closing fire protection closure in the form of a lift-and-slide gate with separate conveyor technology in the event of an alarm.

<b>Type</b>	Fire protection closure in the course of separate conveyor systems in the design of a lift-and-slide gate
<b>Verification</b>	General type approval Z-6.22-2664; in accordance with EN 16034:2014 in conjunction with EN 13241:2003+A2:2016
<b>Closing direction</b>	from top to bottom
<b>Fire resistance</b>	El <sub>2</sub> 90   tested according to EN 1634-1:2014-03   classified according to EN 13501-2:2023
<b>Closing cycles</b>	C2   tested according to EN 12605:2000-08   classified according to EN 13501-2:2023
<b>Environmental conditions</b>	Special environmental conditions are not taken into account (e.g. humidity > 80 %, ambient temperature < 5 °C and > 45 °C, wind loads, etc.).
<b>Visible surfaces of the housing and guide rails</b>	Galvanised RAL – smooth – satin finish – standard colour NCS – standard colour

## Size dimensions and system structure

The dimensions of the brackets and guide rails may vary. The specifications on the quotation apply.

**Fire resistance class**  
EI<sub>2</sub> 90  
C2

**Maximum size\***  
[x x q] in mm  
6000 x 5600  
6000 x 5600

**Fabric/component**  
Lamella

**Wall thickness\*\***  
in mm  
≥ 240

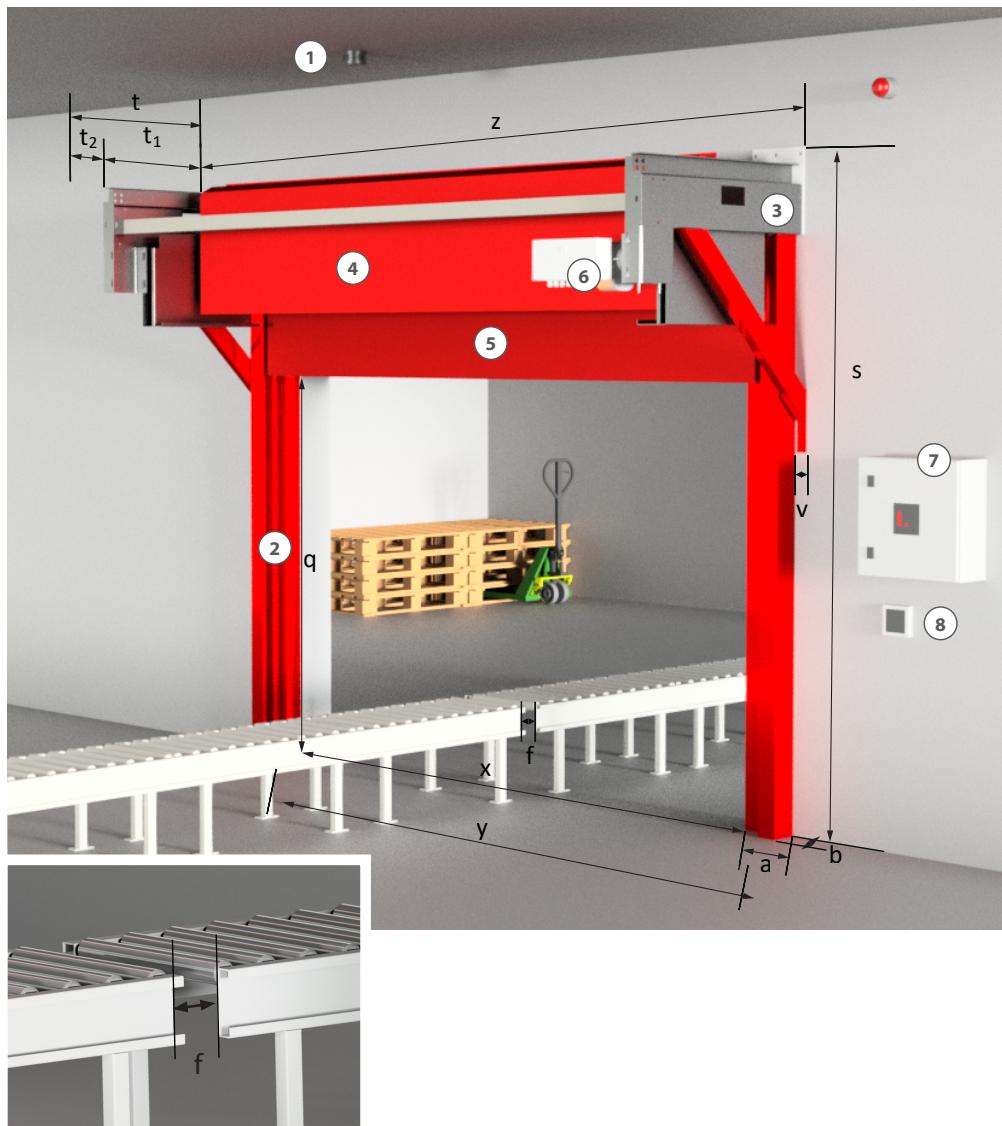
**Console**  
A, B, C

**Guide rails**  
Type 1

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 enclosure/fire and/or smoke protection curtain. Proof of the stability and serviceability of the adjacent walls and components must be provided under general environmental conditions and in the event of a fire. See also notes on standard supporting structures in EN 1366-7:2004 and EN 1363-1:2020. Even in the event of a fire, the fire protection system must not be exposed to any additional load other than its own weight.

\* Deviations from size dimensions on request

\*\*Tested wall types according to the installation instructions



### Legend system components:

- 1 = Smoke detector
- 2 = Guide rails
- 3 = Mounting bracket
- 4 = Lamella
- 5 = Terminating element
- 6 = Drive motor
- 7 = Control with operating unit
- 8 = Hand release optional  
(Manual release required if the control unit is mounted higher than 1.4 m above the top edge of the finished floor)

### Legend Dimensions:

#### Building structure

- q = clear passage height
- x = clear passage width

#### System

- s = system height
- y = clear system width
- z = system width

#### Housing

- t = depth
- t<sub>1</sub> = console
- t<sub>2</sub> = space requirement for switch box cover
- h = height
- v = Offset between winding housing and guide rail

#### Guide rail

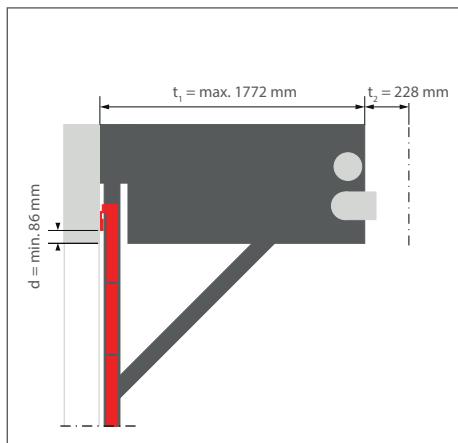
- a = width
- b = depth

#### Conveyor system

- f = Separation point width (>107 mm)

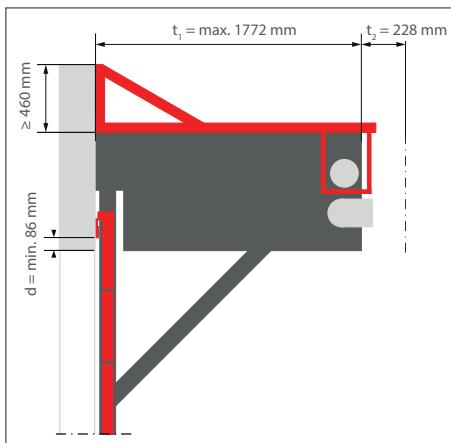
## Console

Overlap of lintel and vertical sealing frame with console



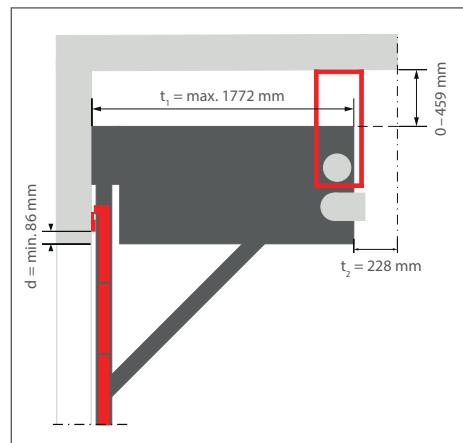
Type A

Drive shaft suspension for clear passage width  $> 4500 \text{ mm}$  via gallows



Type B

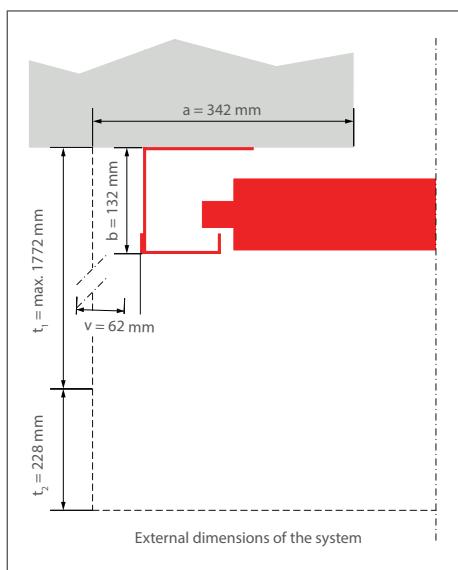
Drive shaft suspension for clear passage width  $> 4500 \text{ mm}$  above ceiling



Type C

## Guide rails

Type 1



Console length depending on the number of lamellas/clear height in mm

$t_1$	872
	1072
	1272
	1372
	1472
	1572
	1672
	1772