

# SYSTEM: OMNICOIMPACT-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.

Type	Fire protection closure in the course of separate conveyor systems in the design of a lift-and-slide gate
Verification	General type approval Z-6.22-2664; in accordance with EN 16034:2014 in conjunction with EN 13241:2003+A2:2016
Closing direction	from top to bottom
Fire resistance	El <sub>2</sub> 90   tested according to EN 1634-1:2014-03   classified according to EN 13501-2:2023
Closing cycles	C2   tested according to EN 12605:2000-08   classified according to EN 13501-2:2023
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 of the housing and guide rails	Galvanised RAL – smooth – satin finish – standard colour NCS – standard colour

Size dimensions and system structure

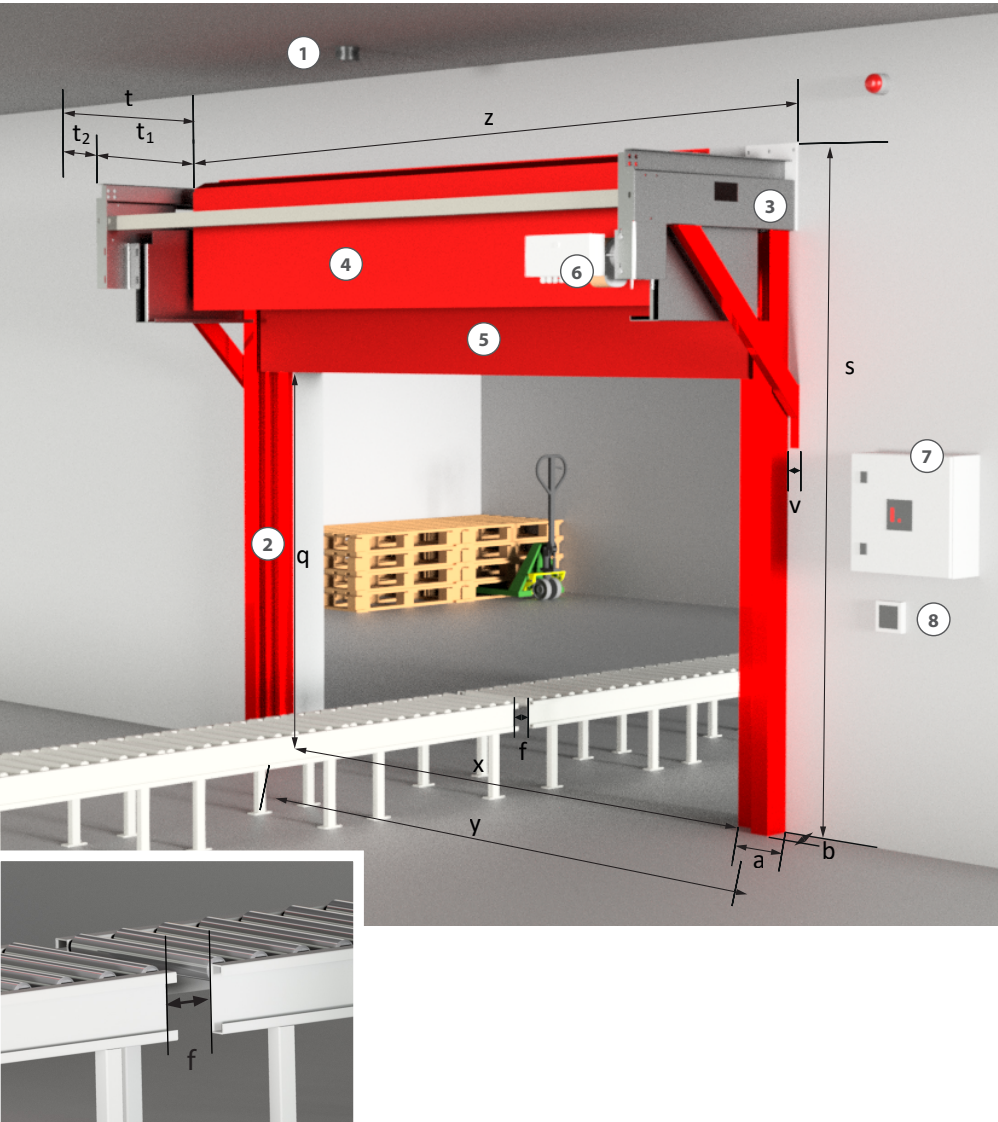
The dimensions of the brackets and guide rails may vary. The specifications on the quotation apply.

Fire resistance class	Maximum size* [x x q] in mm	Fabric/component	Wall thickness** in mm	Console	Guide rails
EL <sub>2</sub> 90	6000 x 5600	Lamella	≥ 240	A, B, C	Type 1
C2	6000 x 5600	Lamella			

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

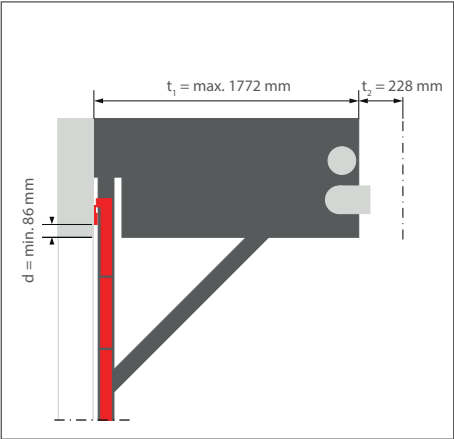


- Legend system components:**
- 1 = Smoke detector
  - 2 = Guide rails
  - 3 = Mounting bracket
  - 4 = Lamella
  - 5 = Terminating element
  - 6 = Drive motor
  - 7 = Control with operating unit
  - 8 = Hand release optional  
(Manual release required if the control unit is mounted higher than 1.4 m 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)

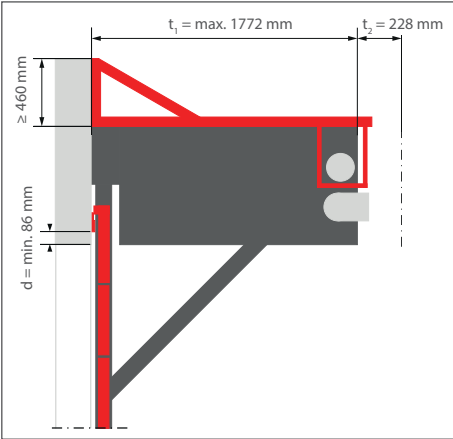
Console

Overlap of lintel and vertical sealing frame with console



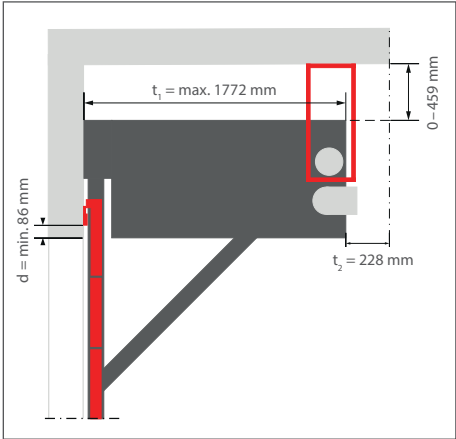
Type A

Drive shaft suspension for clear passage width > 4500 mm via gallows



Type B

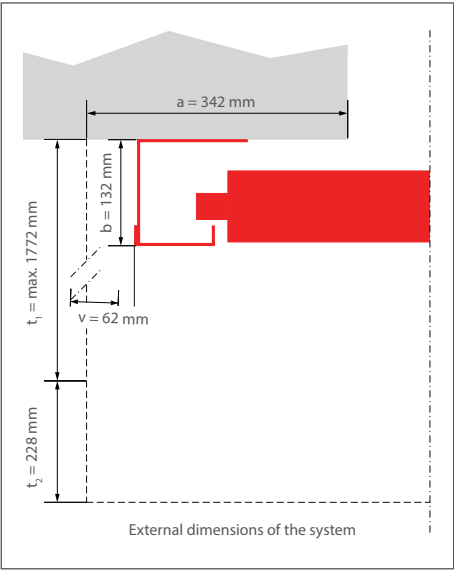
Drive shaft suspension for clear passage width > 4500 mm above ceiling



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