

ECClos®-D

Conveyor system closure designed as an economic combination of sleeve and gate

Product description

The particularly space-saving fire protection gate is designed as a double-leaf, swing-door closure. The two integrated, semi-circular collars encase the aluminium or steel rails passing through (including power rails) and seal them off. Thermal separation of the rail is not necessary. The gates can be opened manually and by motor. ECClos-D is suitable for continuous belt conveyors, roller conveyors and suspension chain conveyors, but primarily for electrical overhead tracks, circular conveyors and Power&Free systems.

Type	Fire protection closure as part of track-bound conveyor systems	Re-opening	manual
Closing direction	slewing horizontally	Conveyor system	Electric monorail conveyor • Circular conveyor • Power & Free systems • Continuous belt conveyor system • Continuous roller conveyor system • Continuous suspension chain conveyor
Fire resistance	El. 120 • tested according to DIN EN 1366 • classified according to DIN EN 13501-2		
Closing cycles	C3 number of closing cycles 50,000		

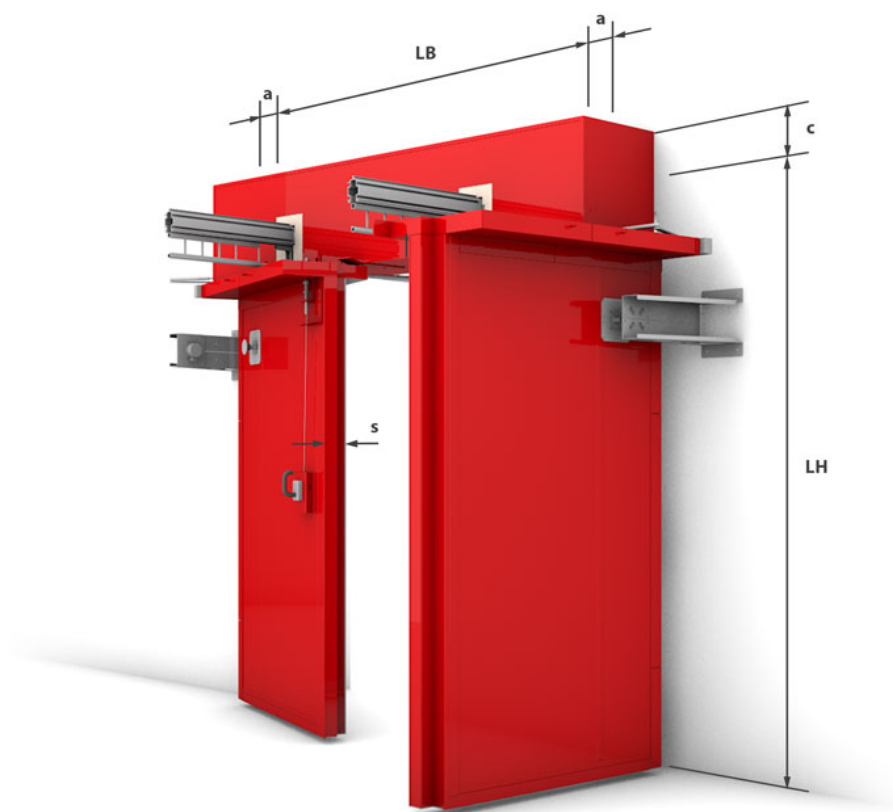
Constructive system design (Double leaf)

Required wall quality

Masonry	$d \geq 200 \text{ mm}$
Concrete	$d \geq 200 \text{ mm}$
Aerated concrete	$d \geq 200 \text{ mm}$
Assembly walls	$d \geq 160 \text{ mm}$
Cladded steel construction	acc. to DIN 4102-4

Technical feasibility

LH	1000 mm - 5000 mm
LW	600 mm - 3000 mm



a = 150

c = 150 (mit Festfeld) / 298 (Manschette im Türflügel) **s** = 122