



ECClo[®]-Q

Conveyor system closure designed as a space-saving, robust damper made of sheet metal panels

Product description

The horizontally slewing damper construction requires very little space in the lintel area and is therefore an interesting option for conventional closures in damper design. ECClo-Q meets the requirements of classifications EI 30 to EI 120 and EW 240 (aerated concrete). The damper blade features a very stable sandwich construction and is completely enclosed by a sheet metal casing. ECClo-Q is suitable for continuous and separate conveyor systems, such as baggage belt conveyors. For continuous conveyor systems, the fixed panel is customised and the surface can be designed according to customer requirements in various designs.

| | | | |
|---------------------------|---|------------------------|---|
| Type | Fire protection closure as part of track-bound conveyor systems | Closing cycles | C5 number of closing cycles 200,000 |
| Proof of usability | European Technical Assessment - ETA | Re-opening | electromotive (standard) |
| Closing direction | pivoting vertically | Conveyor system | Continuous belt conveyor system • Continuous suspension chain conveyor • Continuous roller conveyor system • Continuous conveyor system |
| Fire resistance | E 240 • EI 30 • EI 60 • EI 90 • EI 120 • tested according to DIN EN 1366-7 • classified according to DIN EN 13501-2 | | |

Constructive system design (Drawing: System: FAA-Q_konsole)

Required wall quality

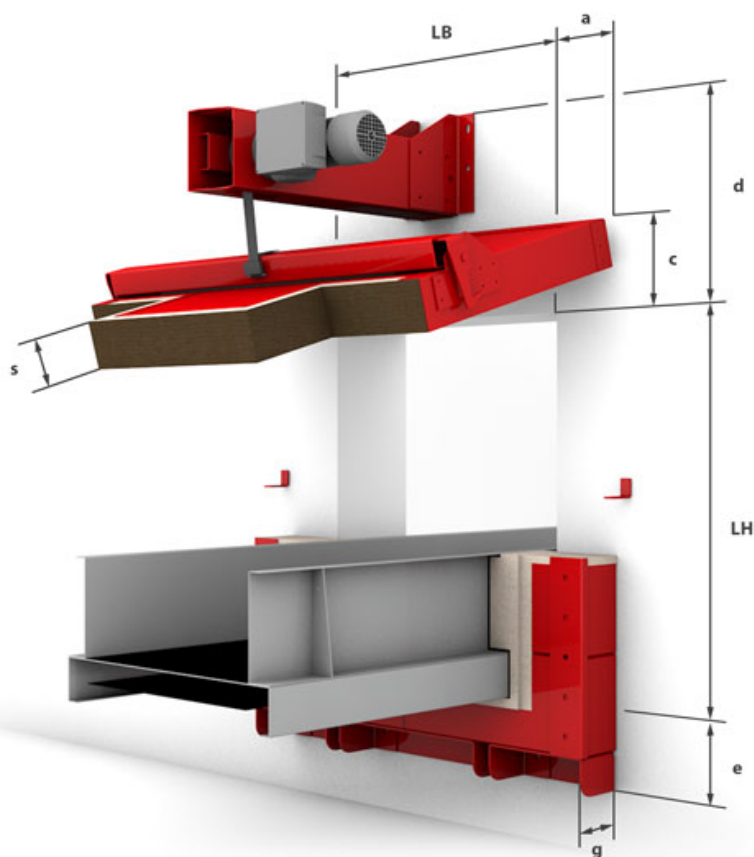
| | |
|-----------------------|-------------------------|
| wall thickness | $d \geq 200$ mm |
| masonry | according to DIN 1053-1 |
| concrete | according to DIN 1045 |
| aerated concrete | according to DIN 4165 |
| Lightweight stud wall | according to DIN 4102 |

approval range

| | |
|----|------------------|
| LW | 850 mm - 1955 mm |
| LH | 900 mm - 1380 mm |

Technical feasibility

| | |
|----|---------------|
| LW | up to 4500 mm |
| LH | up to 2500 mm |



a = 160 **c** = 257 **d** = 640 **e** = 180 **g** = 150 **s** = 122