

## Universal-S

Conveyor system closure for vertical conveyors (universal ceiling closure)

### Product description

The universal ceiling closure Universal-S is a sturdy damper construction for the space-saving installation in ceilings and floors. Application areas are, for instance, fire protection for vertical conveyors and discharge chutes. The system serves to shield supports with wall and ceiling penetrations and load-bearing equipment by means of circumferential collars. Depending on the installation situation, Universal-S is available as a single or multiple-part model. The vertical conveyor shaft does not require cladding. Universal-S meets the requirements of fire resistance class T 90 and is tested according to DIN 4102-5

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|--------------------------|---|------------------------|--|
| <b>Type</b>              | Fire protection closure as part of track-bound conveyor systems | <b>Re-opening</b>      | manual   |
| <b>Closing direction</b> | from left to right • from right to left                         | <b>Conveyor system</b> | Floor conveyor • Discharge chutes<br>• Vertical conveyor |
| <b>Fire resistance</b>   | T 90  |                        |  |

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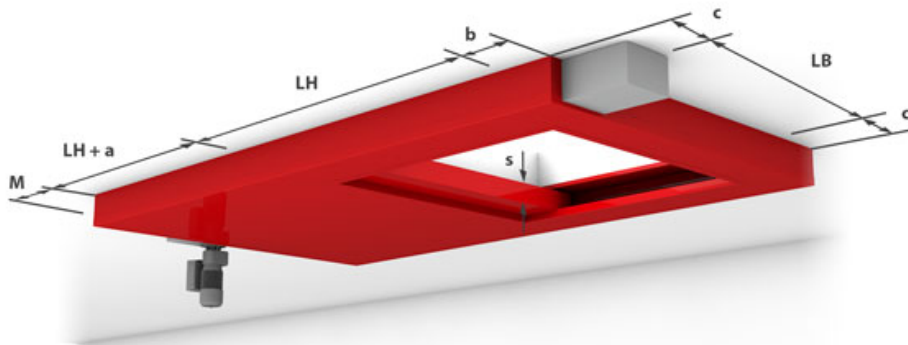
## Constructive system design (System drawing)

### Required wall quality

Reinforced concrete  $d \geq 150 \text{ mm}$

### Technical feasibility

LH 400 mm - 900 mm  
LW 200 mm - 800 mm



**a** = 285    **b** = 215    **c** = 262    **s** = 100    **M** = 195