

Special features

- Complies with the requirements of EN 15650
- Tested for fire resistance properties according to EN 1366-2
- Classified according to EN 13501-3
- For mortar-based installation in lightweight partition walls and lightweight fire walls
- Easy dry mortarless installation with installation block, dry mortarless installation kit or wall face frame
- Integration into the central BMS with TROXNETCOM

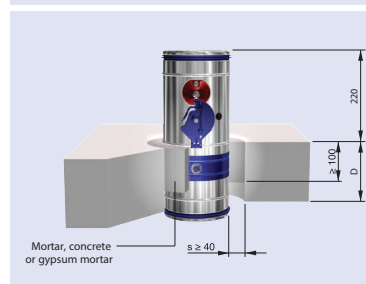
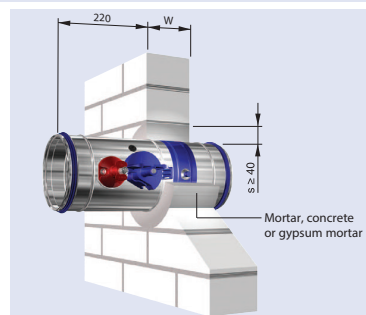
Design information

- The class of performance of FKRS-EU fire dampers depends on the application, see table.
- Installation in solid walls and ceiling slabs whose class of performance is lower than that of the fire damper is approved. In this case the class of performance of the wall or ceiling slab applies also to the FKRS-EU.
- The FKRS-EU fire damper is approved only for use in ventilation systems. Ducts must be connected on both ends, or a duct on one end and a cover grille on the other end.
- Installation of fire dampers must be carried out in compliance with provisions of federal state law and the generally recognised codes of practice.
- Ducting must be installed in such a manner that it does not impose any loads on the fire damper in case of a fire.

Installation opening dimensions [mm]									
Nominal size	100	125	150	160	200	224	250	280	315
ØD2	130	155	180	190	230	254	280	310	345

Dimensions [mm]									
Nominal size	100	125	150	160	200	224	250	280	315
ØDN / □DN	99	124	149	159	199	223	249	279	314

Quick Selection Table									
L _{WA} [dB(A)]	Volume flow rate [l/s] at Δp _r < 35 Pa								
	Nominal size								
	100	125	150	160	200	224	250	280	315
25	22	40	70	80	140	170	215	280	360
35	35	65	105	125	210	245	315	405	525
45	50	90	150	180	295	345	445	570	735



Order code

FKRS-EU - 1	/	DE	/	160	/	ER	/	A0	/	Z43
1	2	3	4	5	6	7				

1 Type

2 Construction

- No entry: standard construction
- 1 Powder-coated casing
- 2¹ Stainless steel casing
- 7 Coated damper blade
- 1-7 Powder-coated casing and coated damper blade
- 2-7¹ Stainless steel casing and coated damper blade
- W² With fusible link 95 °C (only for use in warm air ventilation systems)

3 Country of destination

- DE Germany
- Other destination countries upon request

4 Nominal size [mm]

- 100
- 125
- 150
- 160
- 200
- 224
- 250
- 280
- 315

5 Accessories 1

- No entry: none
- ER Circular installation block
- EQ Square installation block
- TQ Square dry mortarless installation kit
- WA Wall face frame

6 Accessories 2

- No entry: none
- S0 to A5

7 Attachments

- Z00 to ZL08

¹ Not for fire batt installation.

² W can be combined with all construction variants listed under 2.

Order example for FKRS-EU with fusible link 72 °C

Make: TROX

Type: FKRS-EU / DE / 160 / Z00

Order example for FKRS-EU, powder-coated, with installation block, operating side cover grille and spring return actuator 230 V AC

Make: TROX

Type: FKRS-EU - 1 / DE / 160 / ER / A0 / Z43