

| Fire damper model         | Solid construction |                  |                  |                              | Light construction |                  |                  |                              | Sandwich construction |                  |                  |                              | Operation & design number |                 |     |      |        | ATEX              |          | Fuse options (°C) |                        |
|---------------------------|--------------------|------------------|------------------|------------------------------|--------------------|------------------|------------------|------------------------------|-----------------------|------------------|------------------|------------------------------|---------------------------|-----------------|-----|------|--------|-------------------|----------|-------------------|------------------------|
|                           | Wall               | Remote from wall | Ceiling or floor | Remote from ceiling or floor | Wall               | Remote from wall | Ceiling or floor | Remote from ceiling or floor | Wall                  | Remote from wall | Ceiling or floor | Remote from ceiling or floor | Manual                    | Manual 2x limit | 24V | 230V | Pneum. | Manual + 2x limit | 24V/230V | Manual            | Electrical             |
|                           |                    |                  |                  |                              |                    |                  |                  |                              |                       |                  |                  |                              | .01                       | .80             | .50 | .40  | .88    | .81               | .42      |                   |                        |
| FDMS<br>Ø100-630          | EIS90              | EIS60            | EIS60            | EIS60                        | EIS90              | EIS60            | EIS60            | EIS60                        | EIS45/ES90            | EIS60            | -                | -                            | Yes                       | Yes             | Yes | Yes  | No     | No                | No       | 72                | 72                     |
| FDMR<br>Ø100-800          | EIS120             | EIS90            | EIS120           | EIS90                        | EIS120             | EIS90            | -                | -                            | EIS90                 | -                | -                | -                            | Yes                       | Yes             | Yes | Yes  | Yes    | Yes               | Yes      | 72<br>104<br>147  | 72<br>95<br>120<br>140 |
| FDMR-60<br>Ø100-400       | EIS60              | EIS60            | EIS60            | EIS60                        | EIS60              | EIS60            | -                | -                            | EIS60                 | EIS60            | -                | -                            | Yes                       | Yes             | Yes | Yes  | No     | No                | No       | 72<br>104<br>147  | 72<br>95<br>120<br>140 |
| FDMA-PM<br>Ø1000          | EIS120             | EIS90            | EIS120           | EIS90                        | EIS120             | EIS90            | -                | -                            | -                     | -                | -                | -                            | Yes                       | Yes             | Yes | Yes  | Yes    | Yes               | Yes      | 72<br>104<br>147  | 72<br>95               |
| FDMQ<br>150x150-1500x800  | EIS120             | EIS90            | EIS120           | EIS90                        | EIS120             | EIS90            | -                | -                            | EIS90                 | -                | -                | -                            | Yes                       | Yes             | Yes | Yes  | Yes    | Yes               | Yes      | 72<br>104<br>147  | 72<br>95<br>120<br>140 |
| FDMA<br>180x180-1600x1000 | EIS120             | EIS90            | EIS120           | EIS90                        | EIS120             | EIS90            | -                | -                            | -                     | -                | -                | -                            | Yes                       | Yes             | Yes | Yes  | Yes    | No                | No       | 72<br>104<br>147  | 72<br>95               |
| FDMB<br>100x100-1000x500  | EIS120             | EIS120           | EIS120           | EIS120                       | EIS120             | EIS120           | -                | -                            | -                     | -                | -                | -                            | Yes                       | Yes             | Yes | Yes  | Yes    | Yes               | Yes      | 72<br>104<br>147  | 72<br>95               |
| FDML<br>200x300-1000x1000 | EI120              | -                | -                | -                            | EI120              | -                | -                | -                            | -                     | -                | -                | -                            | No                        | No              | Yes | Yes  | No     | No                | No       | -                 | 72<br>95               |
| DM-S<br>Ø100-630          | ES30               | ES30             | ES30             | E90/ES60                     | ES30               | ES90             | -                | -                            | -                     | -                | -                | -                            | No                        | No              | Yes | Yes  | No     | No                | No       | -                 | 72<br>95<br>120<br>140 |
| CFDM<br>Ø100-200          | EIS120             | -                | EIS90            | -                            | EIS120             | -                | -                | -                            | -                     | -                | -                | -                            | Yes                       | Yes             | No  | No   | No     | No                | No       | 72                | -                      |

**Product specification:**

|            | Model | Size    | Design | Description                     |
|------------|-------|---------|--------|---------------------------------|
| Example 1: | FDMR  | 500     | .42    | Fire damper, 24/230V, ATEX      |
| Example 2: | FDMB  | 500x500 | .80    | Fire damper, 2x limit, AISI 316 |

**Special materials & coating:**

Add to description: Stainless steel AISI 316, Epoxy coating, PROMAT (incl. in epoxy and stainless).  
! PROMAT treatment increases moisture resistance of the damper blade. Recommended when damper is in contact with outdoor or otherwise moist air.

**Notes:**

- FDMS and FDMR .50 and .80 are stock products.
- Classifications presented in the table are the highest available. See technical sheet for installation details and more options.
- With rectangular dampers it's recommended to use FDMB up to size 1000x500 if possible, due to cost efficiency.
- Ask your local representative for special applications.

Default ATEX design for zone 1 and 2.

Higher than 72°C sold separately or to be specified in purchase order.

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