

# ROSE ProtEx stainless steel flange enclosures



- Top quality stainless steel flange enclosure with electro polished surface for aggressive environments
- Empty enclosure for individual fittings or Ex e / Ex ia junction box
- Execution with 1 flange standard, optional up to 4 flanges

## Technical data

### Approvals

IECEX, ATEX

### Explosion protection

Ⓜ II 2 G

Ⓜ II 2 D tD A21

Ex e II T6 (increased safety)

Ex ia IIC T6 (intrinsic safety)

Ex e (ia) IIC T6 (mixed fitting)

### Certificate

IECEX PTB 07.0059U, PTB 00 ATEX 1101U, IECEX PTB 07.0060, PTB 00 ATEX 1052

### Temperature range acc. EN

-20°C to +40°C (corresponds T6 = 85°C max. surface temperature)

-20°C to +55°C (corresponds T5 = 100°C max. surface temperature)

-20°C to +90°C (corresponds T4 = 135°C max. surface temperature)

temperature to -55°C with special marking on request

### Material

Stainless steel 1.5 mm, 1.4404/316L, flange plate: 3.0 mm, 1.4404/316L

### Surface

Electro polished

### Ingress protection

IP 66 to EN 60529

### Impact resistance

7 Joule to EN 60079-0

# ROSE ProtEx stainless steel flange enclosures

## Product overview

| Order No.          | Ex e               | Ex ia              | empty enclosure | Enclosure size | Number of flanges | Dimensions H x W x D (mm) |
|--------------------|--------------------|--------------------|-----------------|----------------|-------------------|---------------------------|
| <b>35.04 02 00</b> | <b>36.04 02 00</b> | <b>34.04 02 00</b> | 02              | 1              | 260 x 260 x 205   |                           |
| <b>35.04 03 00</b> | <b>36.04 03 00</b> | <b>34.04 03 00</b> | 03              | 1              | 306 x 306 x 205   |                           |
| <b>35.04 04 00</b> | <b>36.04 04 00</b> | <b>34.04 04 00</b> | 04              | 1              | 380 x 260 x 205   |                           |
| <b>35.04 05 00</b> | <b>36.04 05 00</b> | <b>34.04 05 00</b> | 05              | 1              | 458 x 382 x 205   |                           |
| <b>35.04 06 00</b> | <b>36.04 06 00</b> | <b>34.04 06 00</b> | 06              | 1              | 480 x 480 x 205   |                           |
| <b>35.04 07 00</b> | <b>36.04 07 00</b> | <b>34.04 07 00</b> | 07              | 1              | 500 x 350 x 205   |                           |
| <b>35.04 08 00</b> | <b>36.04 08 00</b> | <b>34.04 08 00</b> | 08              | 1              | 620 x 450 x 205   |                           |
| <b>35.04 09 00</b> | <b>36.04 09 00</b> | <b>34.04 09 00</b> | 09              | 1              | 740 x 550 x 205   |                           |
| <b>35.04 10 00</b> | <b>36.04 10 00</b> | <b>34.04 10 00</b> | 10              | 1              | 762 x 508 x 205   |                           |
| <b>35.04 11 00</b> | <b>36.04 11 00</b> | <b>34.04 11 00</b> | 11              | 2              | 860 x 640 x 205   |                           |
| <b>35.04 12 00</b> | <b>36.04 12 00</b> | <b>34.04 12 00</b> | 12              | 2              | 914 x 610 x 205   |                           |
| <b>35.04 13 00</b> | <b>36.04 13 00</b> | <b>34.04 13 00</b> | 13              | 2              | 980 x 740 x 205   |                           |

## Accessories

|                    |                                     |
|--------------------|-------------------------------------|
| <b>34.04 50 01</b> | Blind flange 112 x 94 fitting area  |
| <b>34.04 50 02</b> | Blind flange 165 x 139 fitting area |
| <b>34.04 50 03</b> | Blind flange 211 x 139 fitting area |
| <b>34.04 50 04</b> | Blind flange 266 x 139 fitting area |
| <b>34.04 50 05</b> | Blind flange 310 x 139 fitting area |
| <b>34.04 50 06</b> | Blind flange 363 x 139 fitting area |
| <b>34.04 50 07</b> | Blind flange 405 x 139 fitting area |
| <b>34.04 50 08</b> | Blind flange 510 x 139 fitting area |
| <b>34.04.50 09</b> | Blind flange 645 x 139 fitting area |
| <b>34.04 51 02</b> | Mounting plate for type 02          |
| <b>34.04 51 03</b> | Mounting plate for type 03          |
| <b>34.04 51 04</b> | Mounting plate for type 04          |
| <b>34.04 51 05</b> | Mounting plate for type 05          |
| <b>34.04 51 06</b> | Mounting plate for type 06          |
| <b>34.04 51 07</b> | Mounting plate for type 07          |
| <b>34.04 51 08</b> | Mounting plate for type 08          |
| <b>34.04 51 09</b> | Mounting plate for type 09          |
| <b>34.04 51 10</b> | Mounting plate for type 10          |
| <b>34.04 51 11</b> | Mounting plate for type 11          |
| <b>34.04 51 12</b> | Mounting plate for type 12          |
| <b>34.04 51 13</b> | Mounting plate for type 13          |
| <b>34.04 52 02</b> | Rain roof for type 02 and 04        |
| <b>34.04 52 03</b> | Rain roof for type 03               |
| <b>34.04 52 05</b> | Rain roof for type 05               |
| <b>34.04 52 06</b> | Rain roof for type 06               |
| <b>34.04 52 07</b> | Rain roof for type 07               |
| <b>34.04 52 08</b> | Rain roof for type 08               |
| <b>34.04 52 09</b> | Rain roof for type 09               |
| <b>34.04 52 10</b> | Rain roof for type 10               |
| <b>34.04 52 11</b> | Rain roof for type 11               |
| <b>34.04 52 12</b> | Rain roof for type 12               |
| <b>34.04 52 13</b> | Rain roof for type 13               |
| <b>34.04 53 02</b> | Paper bag DIN A5                    |