

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

Ex II 2 G

Ex 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.				Enclosure size	Number of flanges	Dimensions H x W x D (mm)
Ex e	Ex ia	empty enclosure				
35.04 02 00	36.04 02 00	34.04 02 00	02	1	260 x 260 x 205	
35.04 03 00	36.04 03 00	34.04 03 00	03	1	306 x 306 x 205	
35.04 04 00	36.04 04 00	34.04 04 00	04	1	380 x 260 x 205	
35.04 05 00	36.04 05 00	34.04 05 00	05	1	458 x 382 x 205	
35.04 06 00	36.04 06 00	34.04 06 00	06	1	480 x 480 x 205	
35.04 07 00	36.04 07 00	34.04 07 00	07	1	500 x 350 x 205	
35.04 08 00	36.04 08 00	34.04 08 00	08	1	620 x 450 x 205	
35.04 09 00	36.04 09 00	34.04 09 00	09	1	740 x 550 x 205	
35.04 10 00	36.04 10 00	34.04 10 00	10	1	762 x 508 x 205	
35.04 11 00	36.04 11 00	34.04 11 00	11	2	860 x 640 x 205	
35.04 12 00	36.04 12 00	34.04 12 00	12	2	914 x 610 x 205	
35.04 13 00	36.04 13 00	34.04 13 00	13	2	980 x 740 x 205	

Accessories

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