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## VX 8455.000

# Baying enclosure system VX25, stainless steel

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FRIEDHELM LOH GROUP



# VX 8455.000 - Baying enclosure system VX25, stainless steel Basic enclosure

The standard in enclosure manufacturing in high-grade stainless steel 1.4301 (AISI 304): Enclosure frame with one front door, rear panel, mounting plate, roof plate, divided gland plates. Perfectly suited to efficient enclosure interior installation.



## Features

|                |   |
|----------------|---|
| Model No.      | VX 8455.000   |
| Material       | Enclosure frame: Stainless steel 1.4301 (AISI 304), 1.5 mm<br>Roof: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed<br>Door: Stainless steel 1.4301 (AISI 304), 2.0 mm, exterior brushed<br>Rear panel: Stainless steel 1.4301 (AISI 304), 1.5 mm, exterior brushed<br>Gland plates: Stainless steel 1.4301 (AISI 304), 1.5 mm<br>Mounting plate: Sheet steel, 3.0 mm |
| Surface finish | Enclosure frame and gland plates: Uncoated<br>Door, roof and rear panel: Exterior brushed, grain size 400<br>Mounting plate: Zinc-plated  |

# Features

|                                   |   |
|-----------------------------------|---|
| Supply includes                   | Enclosure frame<br>Door(s)<br>Door hinged on the right, may be swapped to the left<br>Roof plate<br>Gland plates<br>Rear panel<br>Mounting plate<br>Lock: 3 mm double-bit<br>2 punched rails 18 x 39 mm |
| Dimensions                        | Width: 800 mm<br>Height: 1,800 mm<br>Depth: 500 mm  |
| Dimensions mounting plate (W x H) | 699 mm x 1,696 mm   |
| Protection category to IEC 60 529 | IP 55   |
| Protection category NEMA          | NEMA 1<br>NEMA 12   |
| Type rating to UL 50E             | Type 1<br>Type 12   |
| IK Code                           | IK10  |
| Number of doors                   | 1   |
| Note                              | Due to the hardness of the material, we recommend using metal multi-tooth screws 2486.400 for the interior installation.  |
| Basic material                    | Stainless steel 1.4301 (AISI 304)   |
| Packs of                          | 1 pc(s).  |
| Net weight                        | 109.82  |
| Gross weight                      | 113.2   |
| EAN                               | 4028177920170   |
| ETIM 9                            | EC000261  |
| ECLASS 8.0                        | 27180101  |

# Approvals

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|              |   |
|--------------|---|
| Approvals    | Bureau Veritas<br>DNV-GL<br>UL + C-UL (listed)            |
| Certificates | Surface finish  |
| Explanations | Declaration of conformity<br>Declaration of conformity UK |

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## Tender text

Enclosure (baying system) single door

Housing:

symmetrical frame construction, consisting of closed an profiled hollow section with 25 mm pitch pattern.

Frame with integrated blind rivet nut M6 enables for protection class oriented fixing of fitting parts at the profile.

All sections have chamfered edges.

Horizontal sections have a protection lip above the seal.

Circumferential equal profiles with two mounting levels accessible from inside and outside of the frame for space-saving and fast interior installation.

The entire square perforation enables the use of cage nuts and metrical screws up to M8.

Welded base frame with integrated base reinforcement allows to fasten the enclosure on the underground through the inner side of the enclosure.

Mounted three-piece gland plate, removable and exchangeable.

Bayable on all sides.

Load capacity up to 15.000 N.

Door:

with foamed-in seal, with removable tubular door frame with holes on a 25 mm pitch pattern and integrated cable clamping.

4-point latch locking rod, double-bit insert to DIN 43668,

Door hinge may be swapped from right to left.

Hinges with captive hinge pins, door opening angle 130° tool-less retrofittable to 180°. Floor clearance 17 mm.

Rear panel and roof plate:

With foamed-in seal, removable. Rear panel and roof plate screw-fastened and removable. Rear panel with positioning aid. Roof with roof fastening screws M12.

Mounting plate:

C-folded on the sides, depth-adjustable via integral plastic sliders and with re-usable mounting rails, depth-adjustable in a 25 mm pitch pattern. Including mounting pattern for easy positioning of components.

Flat parts:

Roof, door and rear panel included in the scope of supply.

Side panels are available as separate accessory.

Rear panel, roof and gland plates are electrically conductive connected with the frame (automatic potential equalisation) to DIN 62 208 and prepared for the additional attachment of earthing straps.

QR Code:

Printed QR Code on roof, door, mounting plate, rear panel and type plate for unambiguous marking and for easy recall of relevant product information and documentation, as well as clear traceability of single parts.

Material:

Enclosure frame, rear panel, roof and gland plates: 1.5 mm stainless steel 1.4301 (AISI 304)

Door: 2 mm stainless steel 1.4301 (AISI 304)

Mounting plate: 3 mm sheet steel

Surface Finish:

Enclosure frame and gland plates: uncoated

Door(s), roof and rear panel: exterior brushed, grain size 400

Mounting plate: zinc-plated

Protection category to IEC 60 529

(with mounted side panels): IP 55

Protection category to UL 508A: Type 1, 12

Impact protection to IEC 62 262: IK10

Dimensions (W x H x D): 800x1800x500 mm