

# Baureihe PV . Series PV

## Höchste Qualität bei wirtschaftlichem Design

Die Baureihe PV steht für extreme Lebensdauer bei hoher Wirtschaftlichkeit dank des kostengünstigen Designs: Der Schrankkorpus aus GFK ohne Isolierung wird als ein komplettes Bauteil urgeformt. Hierdurch entsteht ein Outdoorgehäuse sehr hoher Dichtigkeit (IP65/IP54) und gleichzeitig werden kostenintensive Montagezeiten reduziert.

## Maximale Wirtschaftlichkeit durch einschalige Bauweise ohne Isolierung

Polyester-GFK mit einer Materialstärke von ca. 4 mm mit Wärmedurchgang von 5 W/m<sup>2</sup>K.

## Maximale Lebensdauer

Besonders resistenter Gelcoat schützt das Polyester-GFK vor harschen Witterungsbedingungen wie starker UV-Strahlung oder Säuren und Laugen. Eine ebene Oberfläche ohne Glasfaseraustritt ist auch nach jahrelangem Einsatz gewährleistet.

## Highest Quality and Cost Efficiency

Series PV stands for long term durability at the highest cost efficiency: The cabinet's corpus is made of one single part. Result is an outdoor-cabinet of highest ingress protection (IP65/IP54) at low assembly times.

## Maximum Cost Efficiency due to Single-Layer Design without Insulation

Polyester GRP with a thickness of approx. 4 mm with heat transfer values of 5 W/m<sup>2</sup>K.

## Long Term Durability

Extremely resistant gelcoat protects the polyester GRP from harsh environments such as UV or acids. A smooth surface without eroded fibers is ensured after many years of installation.



# Baureihe PV . Series PV

| Baureihe<br>Series | Höhe<br>Height<br>[mm] | Breite<br>Width<br>[mm] | Tiefe<br>Depth<br>[mm] | Türausführung<br>Door arrangement |
|--------------------|------------------------|-------------------------|------------------------|-----------------------------------|
| <b>PV 530</b>      | 530                    | 380                     | 240                    | 10                                |
| <b>PV 600</b>      | 600                    | 500                     | 300 500                | 10                                |
|                    |                        | 1000                    | 300 500                | 20                                |
| <b>PV 750</b>      | 750                    | 750                     | 300 400                | 10                                |
| <b>PV 800</b>      | 800                    | 1000                    | 300 500                | 10 20                             |
| <b>PV 1000</b>     | 1000                   | 600                     | 300 500                | 10                                |
|                    |                        | 800                     | 300 500                | 10                                |
|                    |                        | 1000                    | 300 500                | 10 20                             |

## Ausführung Türen / Door arrangement

10

**IP65**

Tür vorne  
Front door

20

**IP54**

2 Türen vorne  
2 Front doors

## Bestellbeispiel / Order example

| Baureihe<br>Series | Breite<br>Width | Tiefe<br>Depth | Türausführung<br>Door arrangement | Bestelltext<br>Order text  |
|--------------------|-----------------|----------------|-----------------------------------|----------------------------|
| <b>PV 1000</b>     | 1000            | 500            | 10                                | <b>PV 1000-1000-500-10</b> |

## Optionen & Erweiterungen

## Accessories & Extra Equipment

### Montagevorrichtungen

Montageplatten, Montagekreuze, 19"-Schwenkrahmen, Stahlblech-Innentüren, C-Schienen, Buchsen



### Mounting Devices

Mounting plates, assembly racks, 19" racks, internal steel doors, C-rails, bushings

### Fenster und Beleuchtung

Verbundglas-Sicherheitsfenster, Acrylglasfenster, Leuchte



### Windows and Lighting

Safety glass window, acrylic glass window, light

### Verriegelungen und Türfeststeller

Doppelschließung, Vorreiber, Türfeststeller mechanisch oder pneumatisch



### Locking Systems and Door Arrester

Double lock, fasteners, door arrester mechanical or with pneumatic spring

### Wanddurchführungen

Ausschnitte frei/abgedeckt



### Cable/Pipe Entries

Cutout with/without cover plates

### Belüften, Klimatisieren und Heizen

Belüftung passiv/aktiv, Klimatisieren, Heizen



### Ventilation and Heating

Ventilation passive/active, AC, heating

### Hebevorrichtungen und Befestigung

Kranösen, Wandbefestigungsschienen



### Lifting and Fixing Equipment

Lifting lugs, fixing rails for wall mounting

### Ex-Ausführung

Reduzierter Oberflächenwiderstand



### Ex-Preparations

Reduced surface resistance

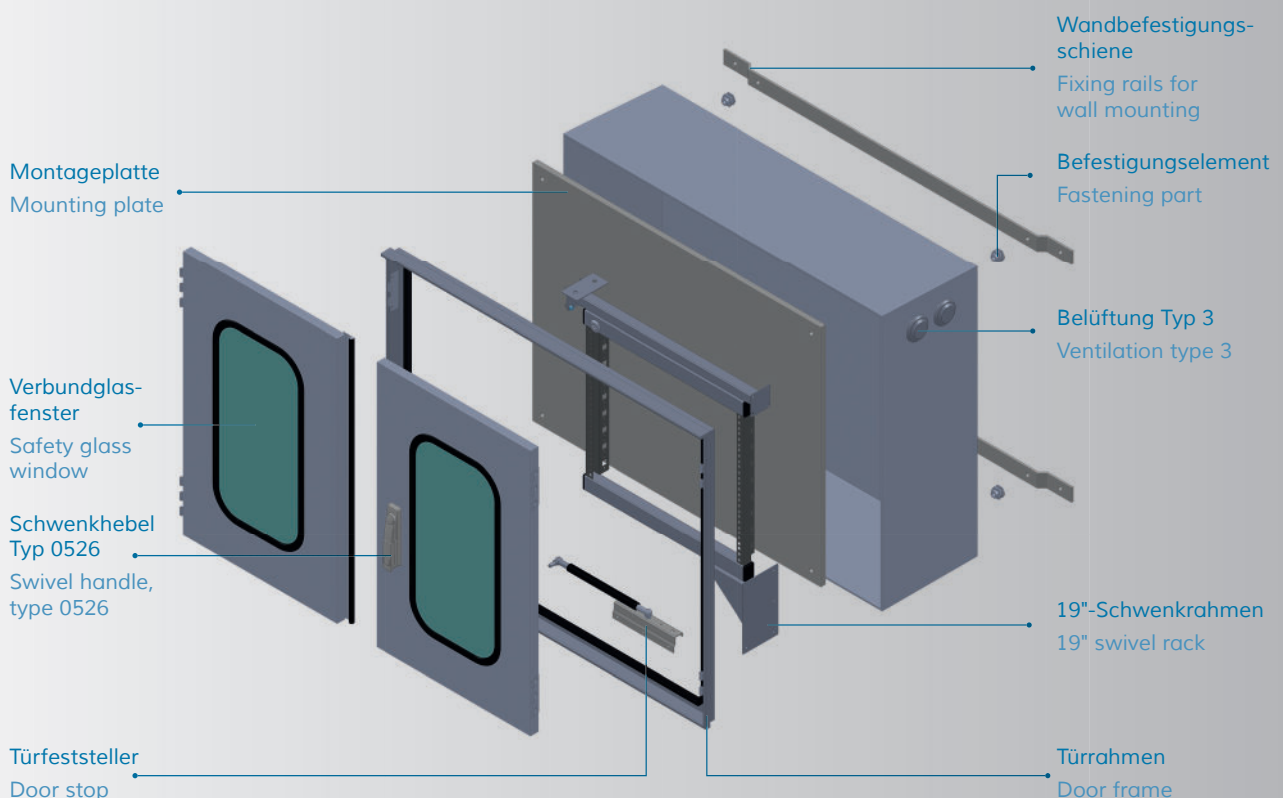
### Sonderausführungen

Trennwände, Sonderharze & -farben, Dach - Boden - Sockel



### Customized Designs

Separation walls, custom resins / colours, roof - floor - sockets



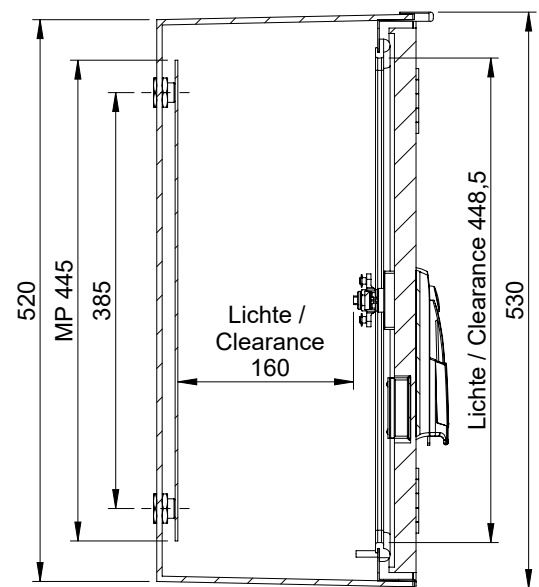
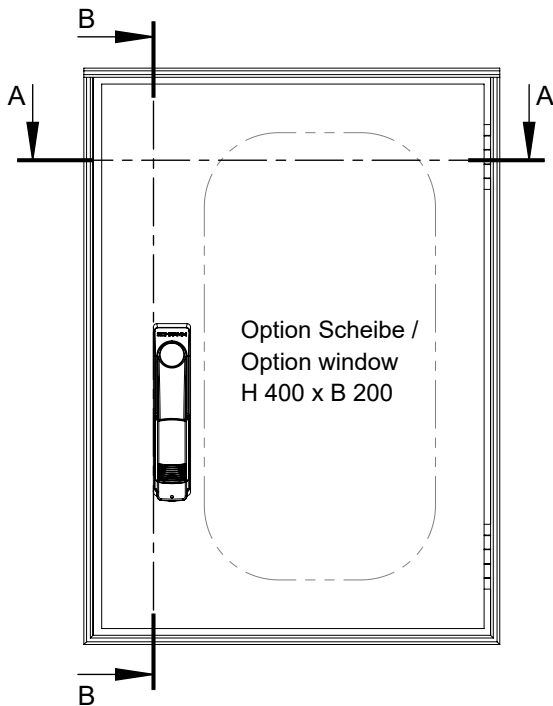
## PV 530-380

GFK-Schrank ohne Isolation, Wärmedurchgangskoeffizient  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

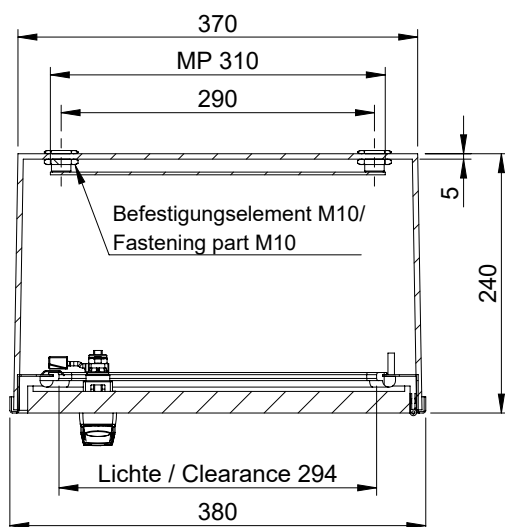
GRP-cabinet without insulation, heat transmission  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

| Typ / Type              | Tiefe / Depth | Gewicht / Weight | Artikel / Article |
|-------------------------|---------------|------------------|-------------------|
| PV 530 - 380 - 240 - 10 | 240           | ~ 8 kg           | PV050321          |

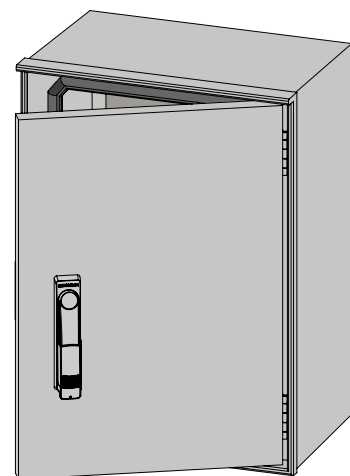
Option Montageplatte / Option mounting plate [MP]: H 445 x B 310 x T 2,5 mm, ca. / app. 3 kg, Art.: MPKS05031



B-B



A-A



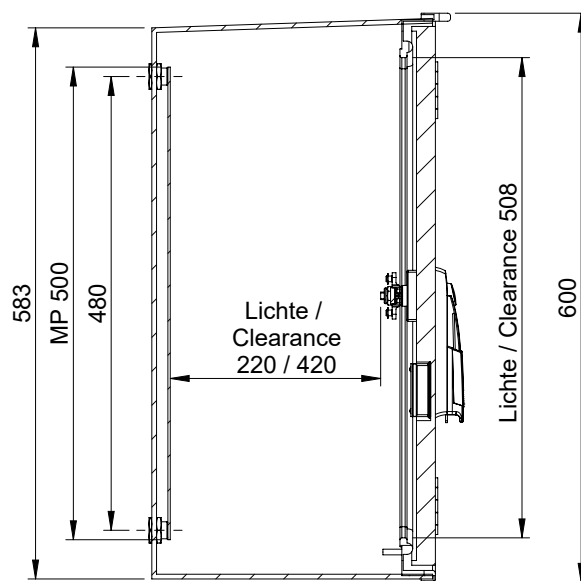
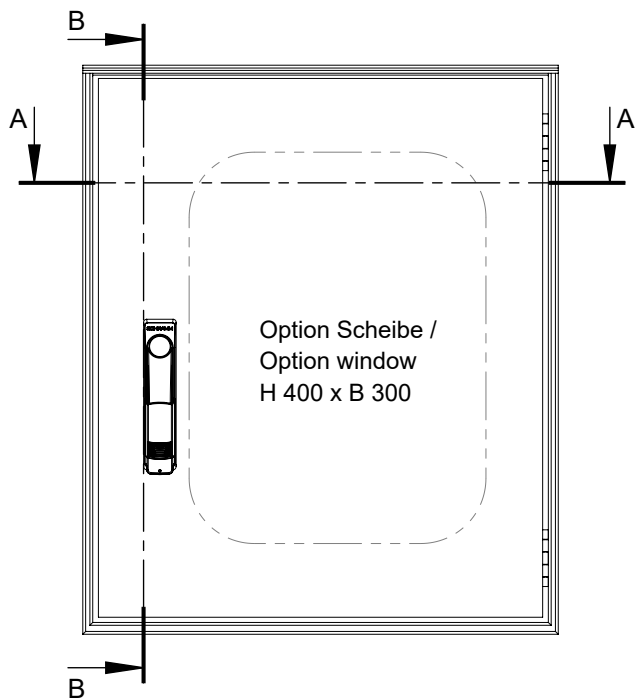
## PV 600-500

GFK-Schrank ohne Isolation, Wärmedurchgangskoeffizient  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

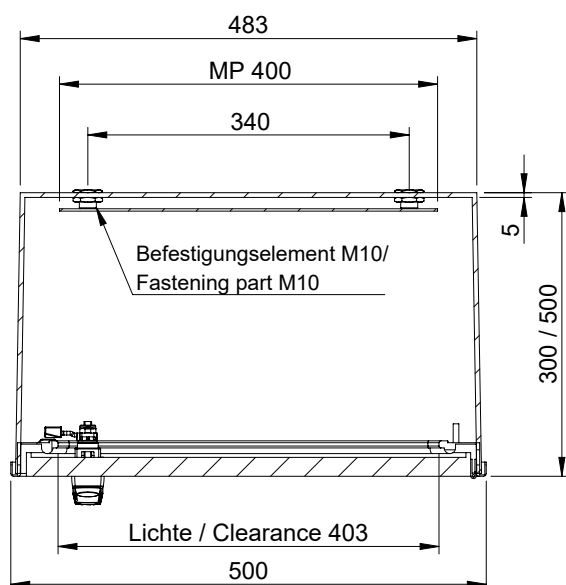
GRP-cabinet without insulation, heat transmission  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

| Typ / Type              | Tiefe / Depth | Gewicht / Weight | Artikel / Article |
|-------------------------|---------------|------------------|-------------------|
| PV 600 - 500 - 300 - 10 | 300           | ~ 10 kg          | PV060531          |
| PV 600 - 500 - 500 - 10 | 500           | ~ 12 kg          | PV060551          |

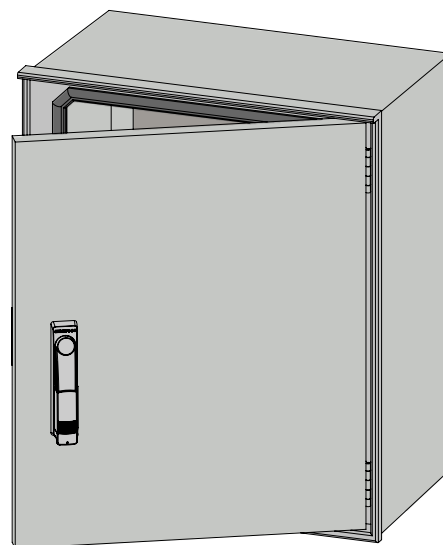
Option Montageplatte / Option mounting plate [MP]: H 500 x B 400 x T 2,5 mm, ca. / app. 4 kg, Art.: MPKS06040



B-B



A-A



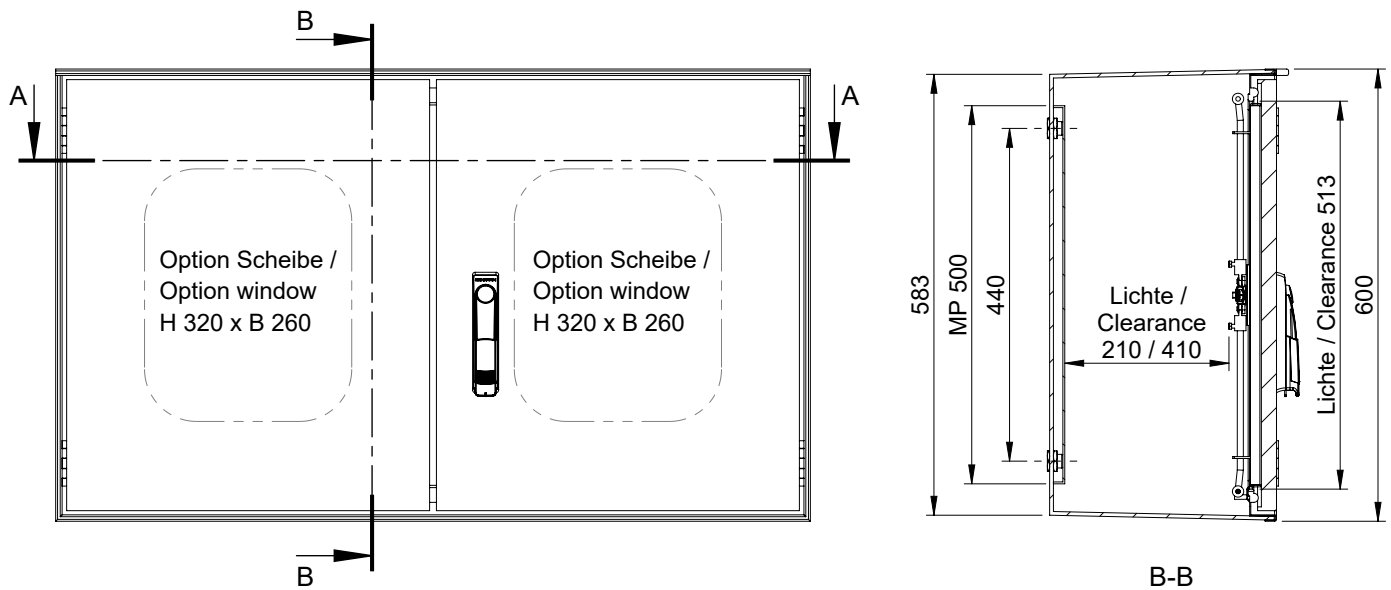
## PV 600-1000

GFK-Schrank ohne Isolation, Wärmedurchgangskoeffizient  $k = 5 \text{ W/m}^2\text{K}$ , IP54, RAL 7035

GRP-cabinet without insulation, heat transmission  $k = 5 \text{ W/m}^2\text{K}$ , IP54, RAL 7035

| Typ / Type               | Tiefe / Depth | Gewicht / Weight | Artikel / Article |
|--------------------------|---------------|------------------|-------------------|
| PV 600 - 1000 - 300 - 20 | 300           | ~ 18 kg          | PV061032          |
| PV 600 - 1000 - 500 - 20 | 500           | ~ 19 kg          | PV061052          |

Option Montageplatte / Option mounting plate [MP]: H 500 x B 900 x T 15 mm, ca. / app. 10 kg, Art.: MPKS06090



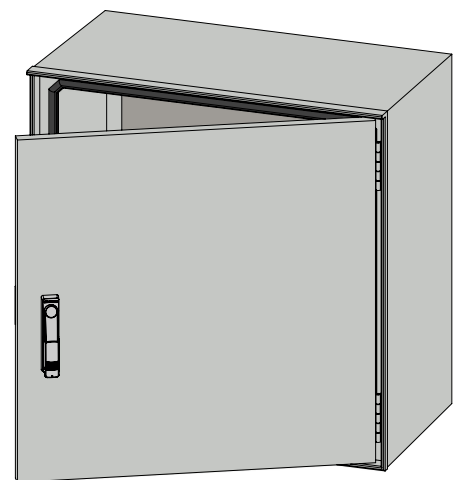
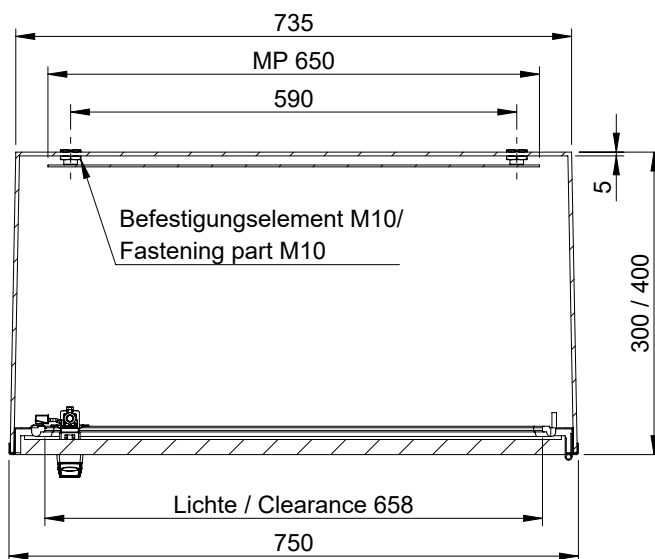
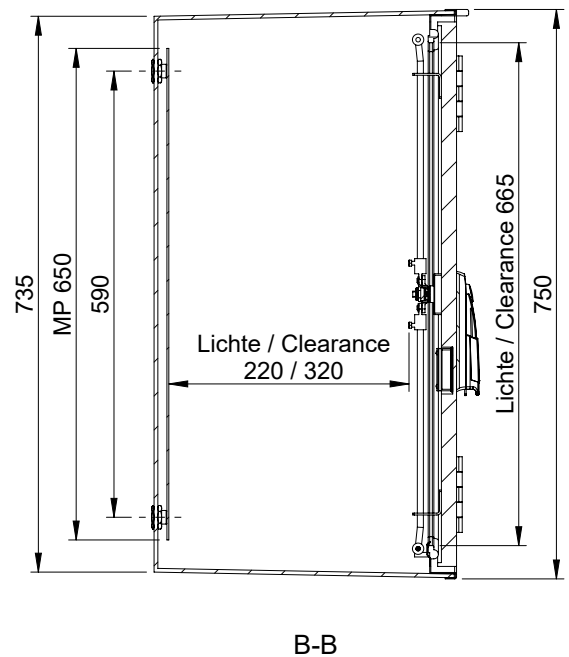
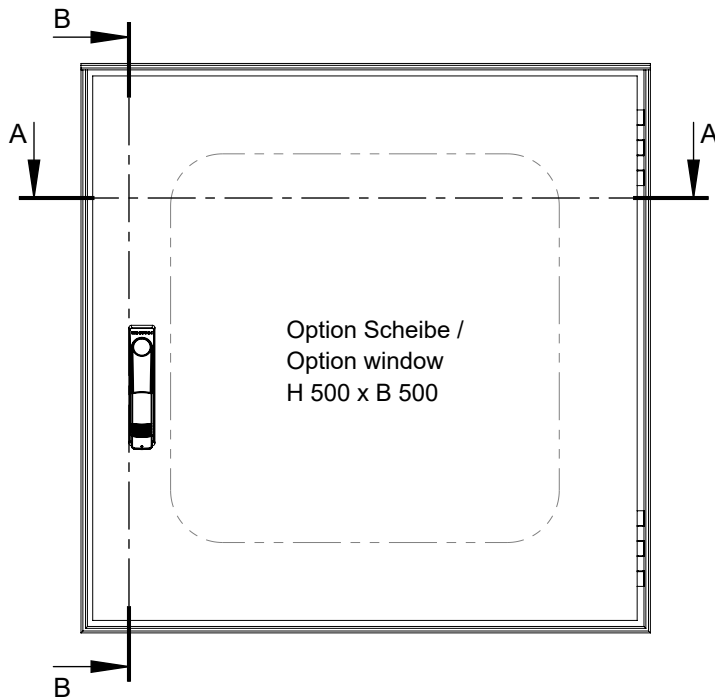
## PV 750-750

GFK-Schrank ohne Isolation, Wärmedurchgangskoeffizient  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

GRP-cabinet without insulation, heat transmission  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

| Typ / Type              | Tiefe / Depth | Gewicht / Weight | Artikel / Article |
|-------------------------|---------------|------------------|-------------------|
| PV 750 - 750 - 300 - 10 | 300           | ~ 17 kg          | PV070731          |
| PV 750 - 750 - 400 - 10 | 400           | ~ 18 kg          | PV070741          |

Option Montageplatte / Option mounting plate [MP]: H 650 x B 650 x T 2,5 mm, ca. / app. 9 kg, Art.: MPKS75065



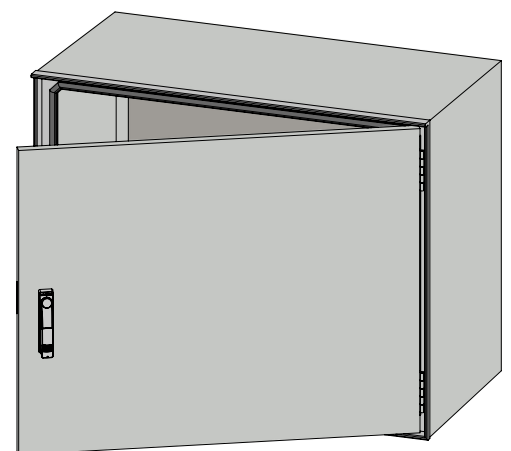
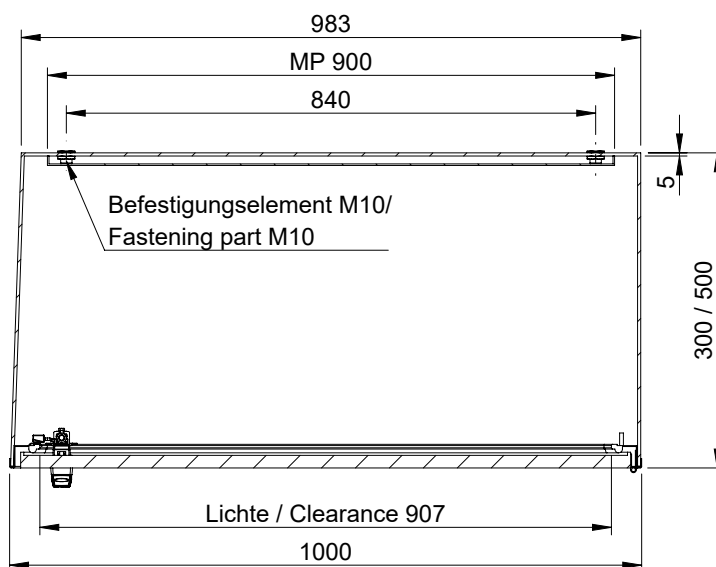
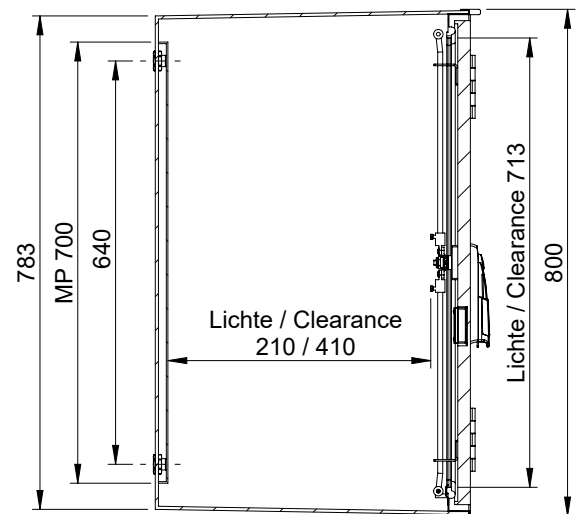
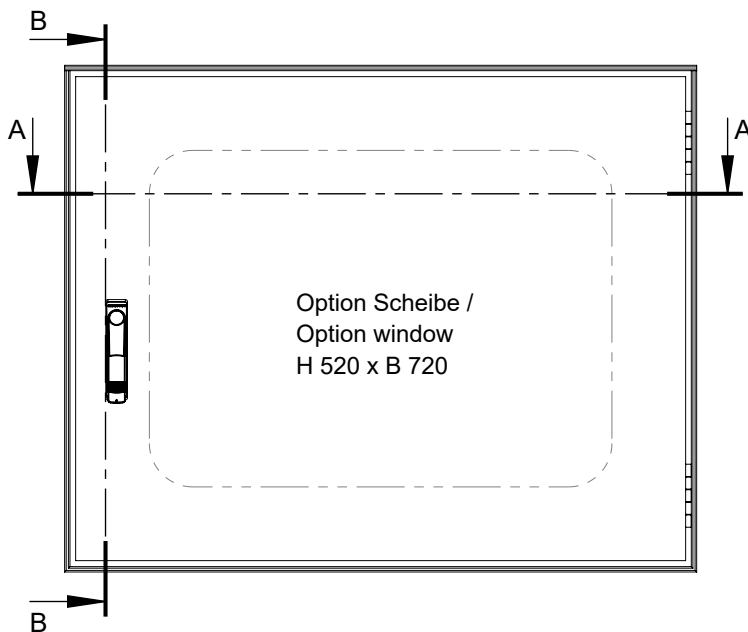
## PV 800-1000

GFK-Schrank ohne Isolation, Wärmedurchgangskoeffizient  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

GRP-cabinet without insulation, heat transmission  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

| Typ / Type               | Tiefe / Depth | Gewicht / Weight | Artikel / Article |
|--------------------------|---------------|------------------|-------------------|
| PV 800 - 1000 - 300 - 10 | 300           | ~ 22 kg          | PV081031          |
| PV 800 - 1000 - 500 - 10 | 500           | ~ 23 kg          | PV081051          |

Option Montageplatte / Option mounting plate [MP]: H 700 x B 900 x T 15 mm, ca. / app. 14 kg, Art.: MPKS08090





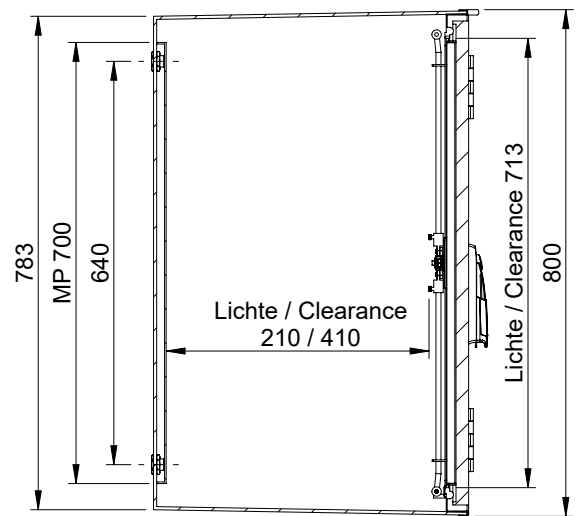
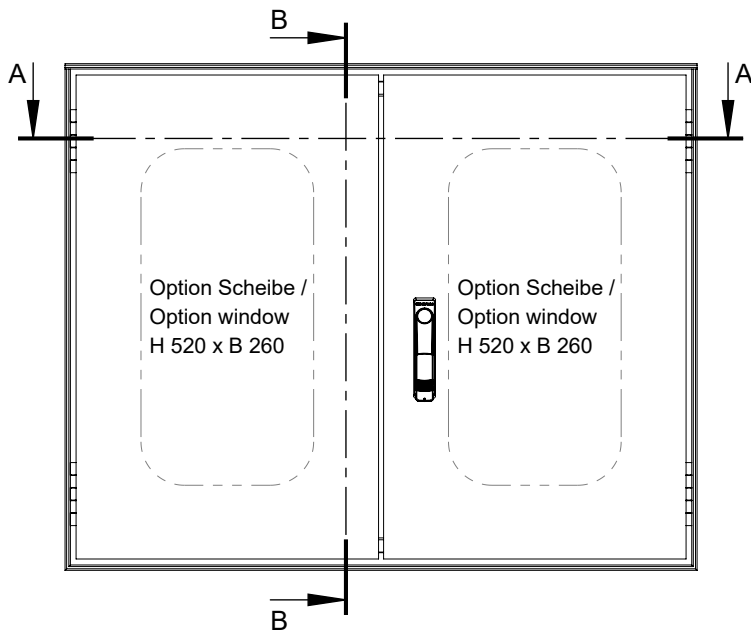
## PV 800-1000

GFK-Schrank ohne Isolation, Wärmedurchgangskoeffizient  $k = 5 \text{ W/m}^2\text{K}$ , IP54, RAL 7035

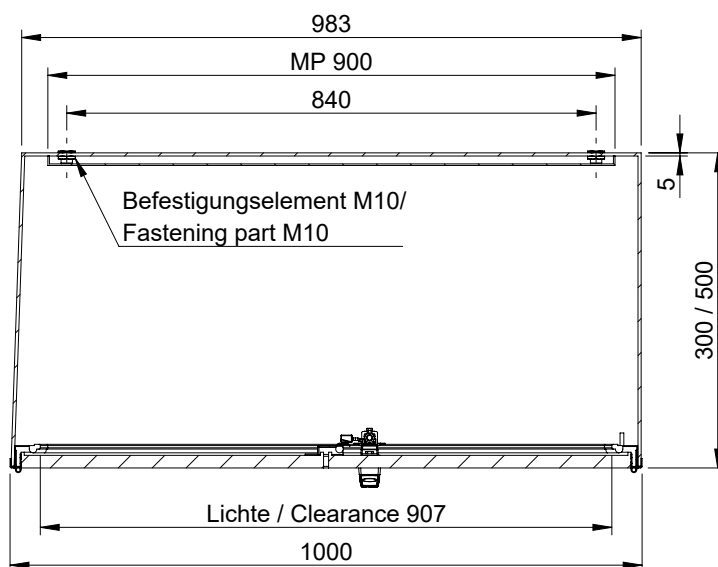
GRP-cabinet without insulation, heat transmission  $k = 5 \text{ W/m}^2\text{K}$ , IP54, RAL 7035

| Typ / Type               | Tiefe / Depth | Gewicht / Weight | Artikel / Article |
|--------------------------|---------------|------------------|-------------------|
| PV 800 - 1000 - 300 - 20 | 300           | ~ 23 kg          | PV081032          |
| PV 800 - 1000 - 500 - 20 | 500           | ~ 24 kg          | PV081052          |

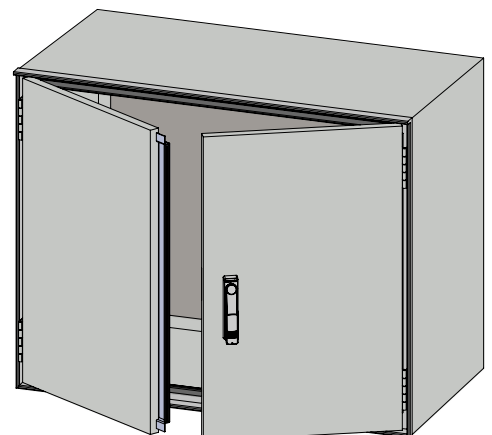
Option Montageplatte / Option mounting plate [MP]: H 700 x B 900 x T 15 mm, ca. / app. 14 kg, Art.: MPKS08090



B-B



A-A



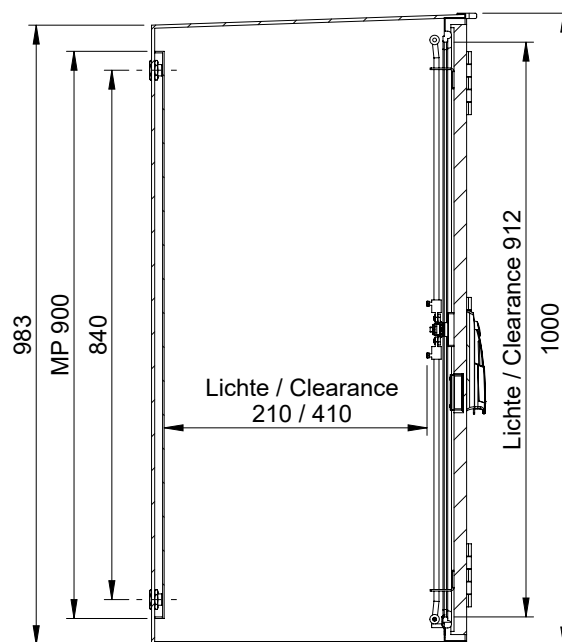
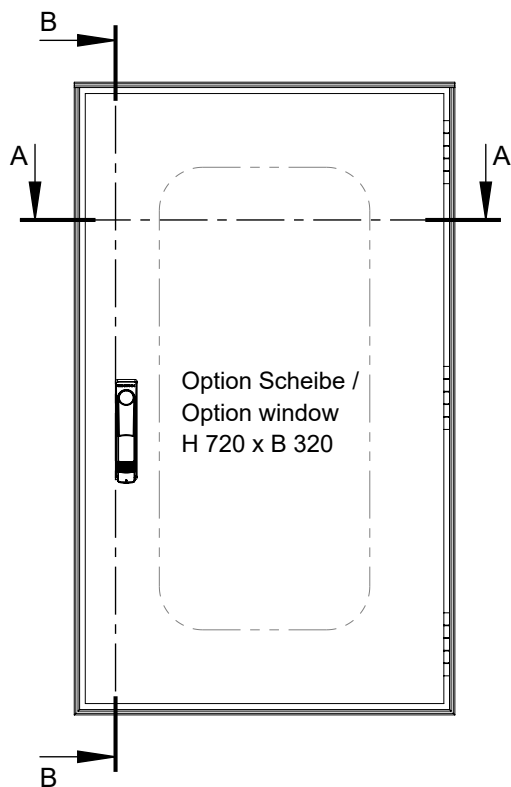
## PV 1000-600

GFK-Schrank ohne Isolation, Wärmedurchgangskoeffizient  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

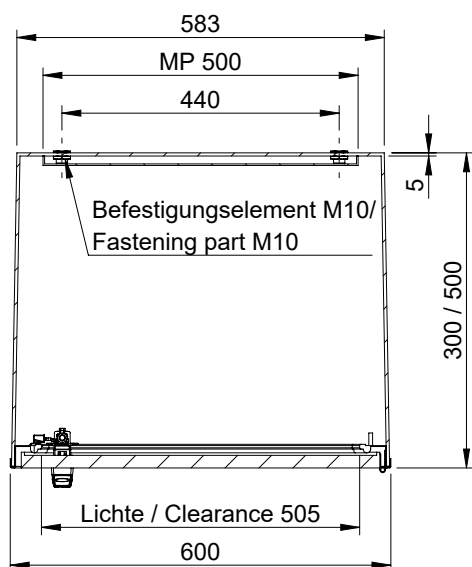
GRP-cabinet without insulation, heat transmission  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

| Typ / Type               | Tiefe / Depth | Gewicht / Weight | Artikel / Article |
|--------------------------|---------------|------------------|-------------------|
| PV 1000 - 600 - 300 - 10 | 300           | ~ 18 kg          | PV100631          |
| PV 1000 - 600 - 500 - 10 | 500           | ~ 19 kg          | PV100651          |

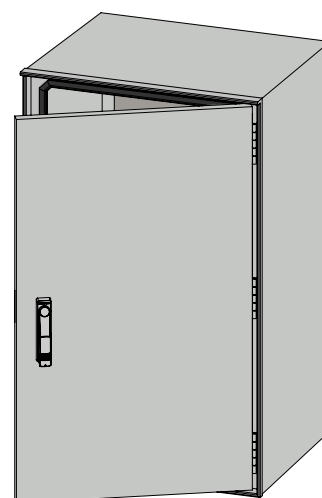
Option Montageplatte / Option mounting plate [MP]: H 900 x B 500 x T 15 mm, ca. / app. 10 kg, Art.: MPKS10050



B-B



A-A



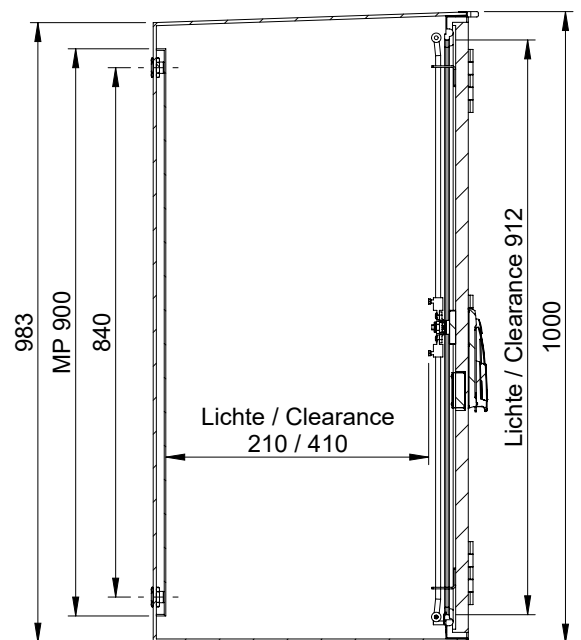
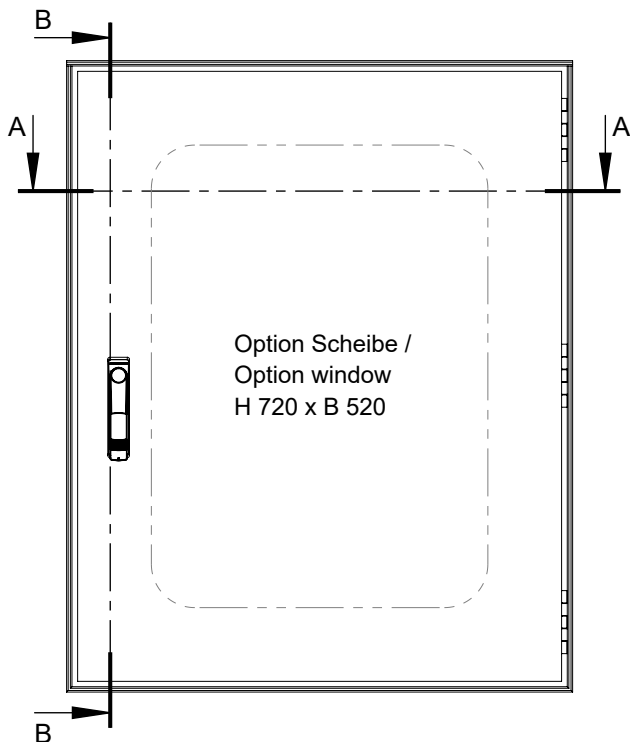
## PV 1000-800

GFK-Schrank ohne Isolation, Wärmedurchgangskoeffizient  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

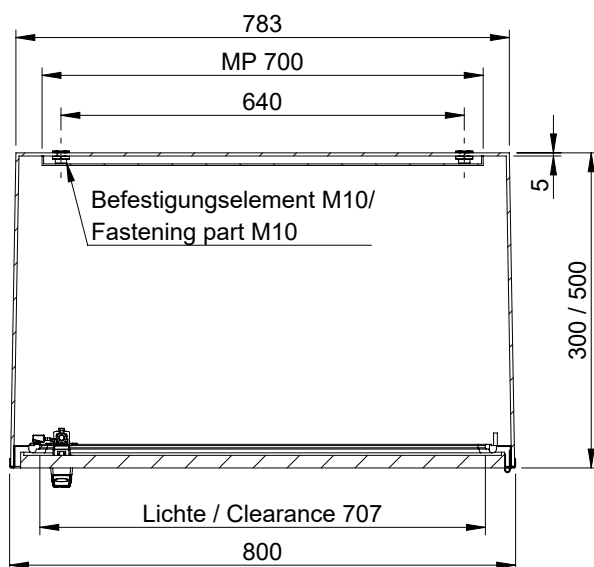
GRP-cabinet without insulation, heat transmission  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

| Typ / Type               | Tiefe / Depth | Gewicht / Weight | Artikel / Article |
|--------------------------|---------------|------------------|-------------------|
| PV 1000 - 800 - 300 - 10 | 300           | ~ 24 kg          | PV100831          |
| PV 1000 - 800 - 500 - 10 | 500           | ~ 26 kg          | PV100851          |

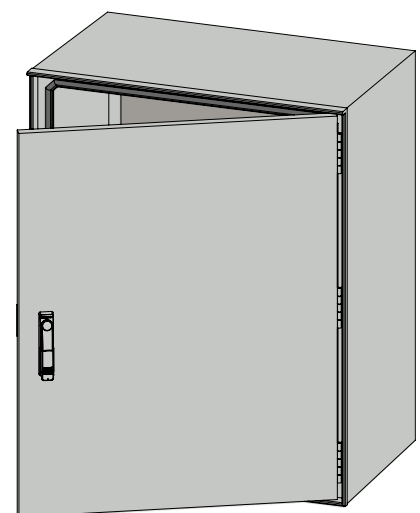
Option Montageplatte / Option mounting plate [MP]: H 900 x B 700 x T 15 mm, ca. / app. 14 kg, Art.: MPKS10070



B-B



A-A



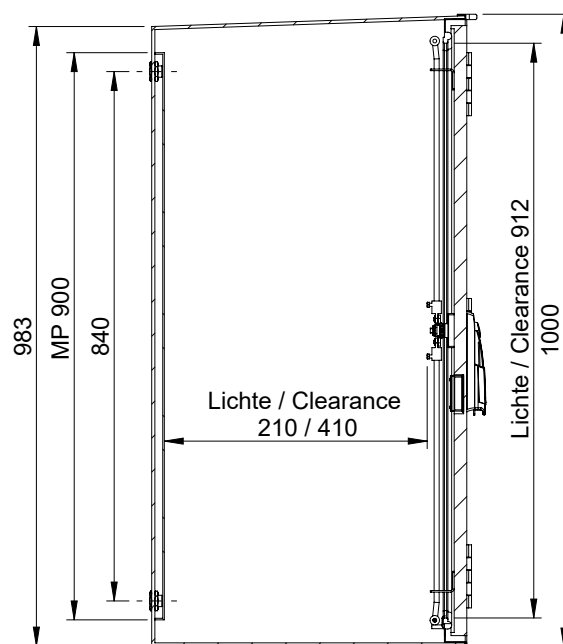
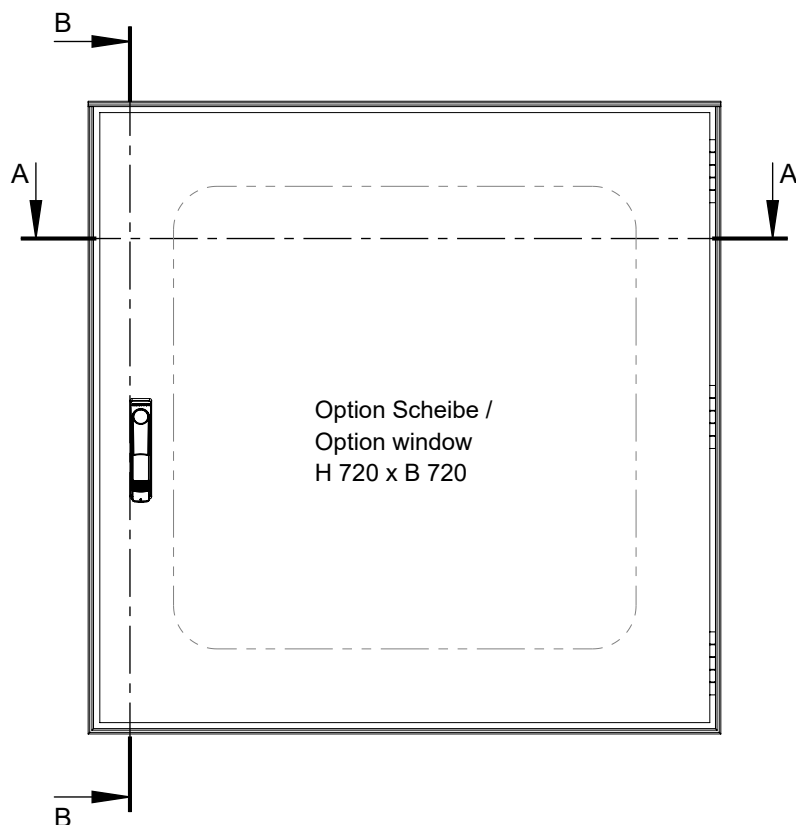
## PV 1000-1000

GFK-Schrank ohne Isolation, Wärmedurchgangskoeffizient  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

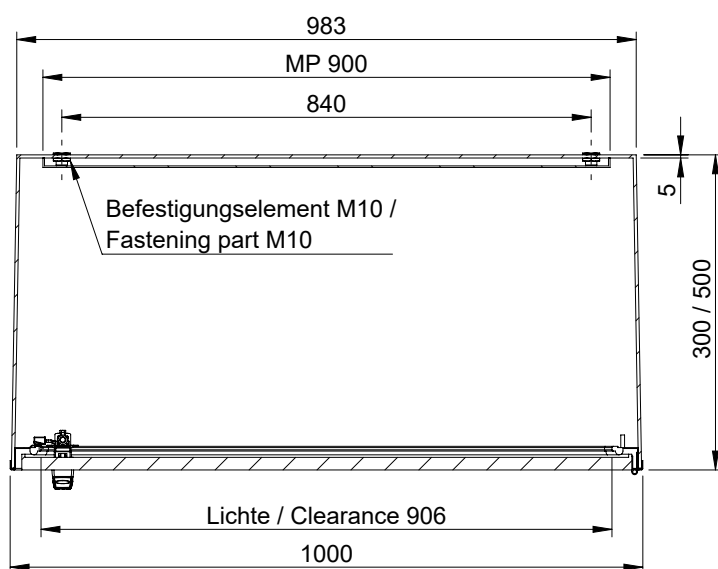
GRP-cabinet without insulation, heat transmission  $k = 5 \text{ W/m}^2\text{K}$ , IP65, RAL 7035

| Typ / Type                | Tiefe / Depth | Gewicht / Weight | Artikel / Article |
|---------------------------|---------------|------------------|-------------------|
| PV 1000 - 1000 - 300 - 10 | 300           | ~ 29 kg          | PV101031          |
| PV 1000 - 1000 - 500 - 10 | 500           | ~ 33 kg          | PV101051          |

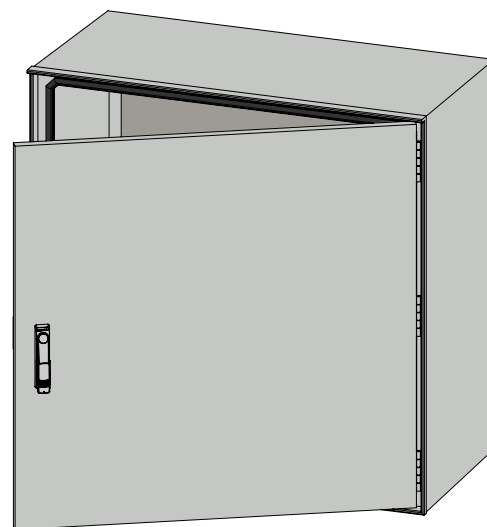
Option Montageplatte / Option mounting plate [MP]: H 900 x B 900 x T 15 mm, ca. / app. 17 kg, Art.: MPKS10090



B-B



A-A



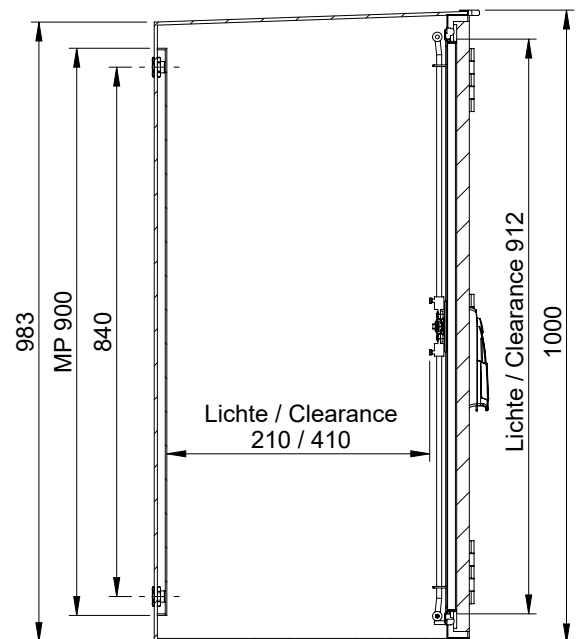
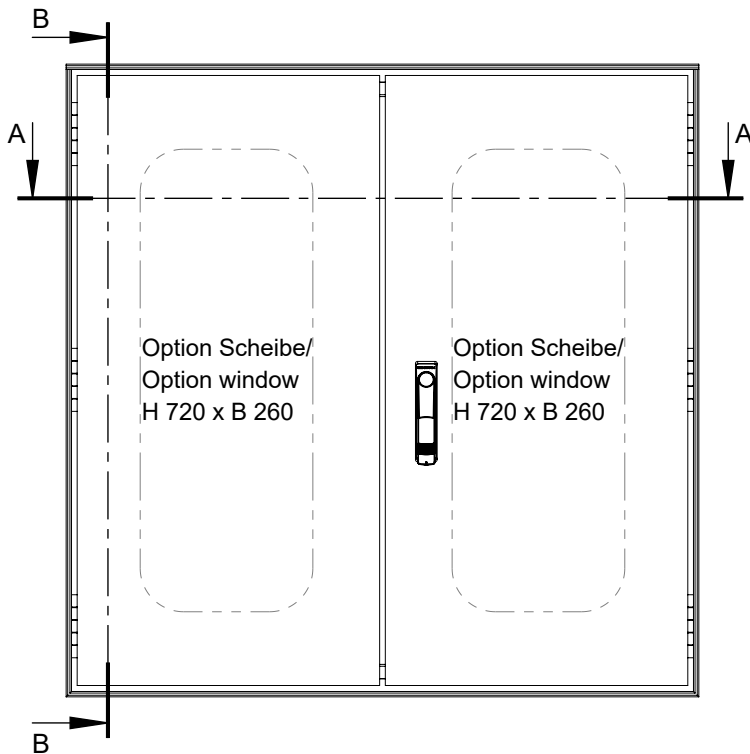
## PV 1000-1000

GFK-Schrank ohne Isolation, Wärmedurchgangskoeffizient  $k = 5 \text{ W/m}^2\text{K}$ , IP54, RAL 7035

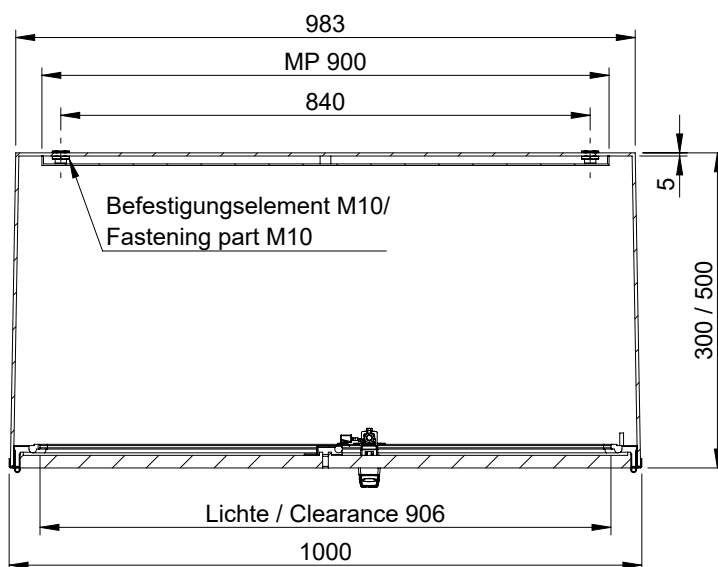
GRP-cabinet without insulation, heat transmission  $k = 5 \text{ W/m}^2\text{K}$ , IP54, RAL 7035

| Typ / Type                | Tiefe / Depth | Gewicht / Weight | Artikel / Article |
|---------------------------|---------------|------------------|-------------------|
| PV 1000 - 1000 - 300 - 20 | 300           | ~ 30 kg          | PV101032          |
| PV 1000 - 1000 - 500 - 20 | 500           | ~ 34 kg          | PV101052          |

Option Montageplatte / Option mounting plate [MP]: H 900 x B 900 x T 15 mm, ca. / app. 17 kg, Art.: MPKS10090



B-B



A-A

