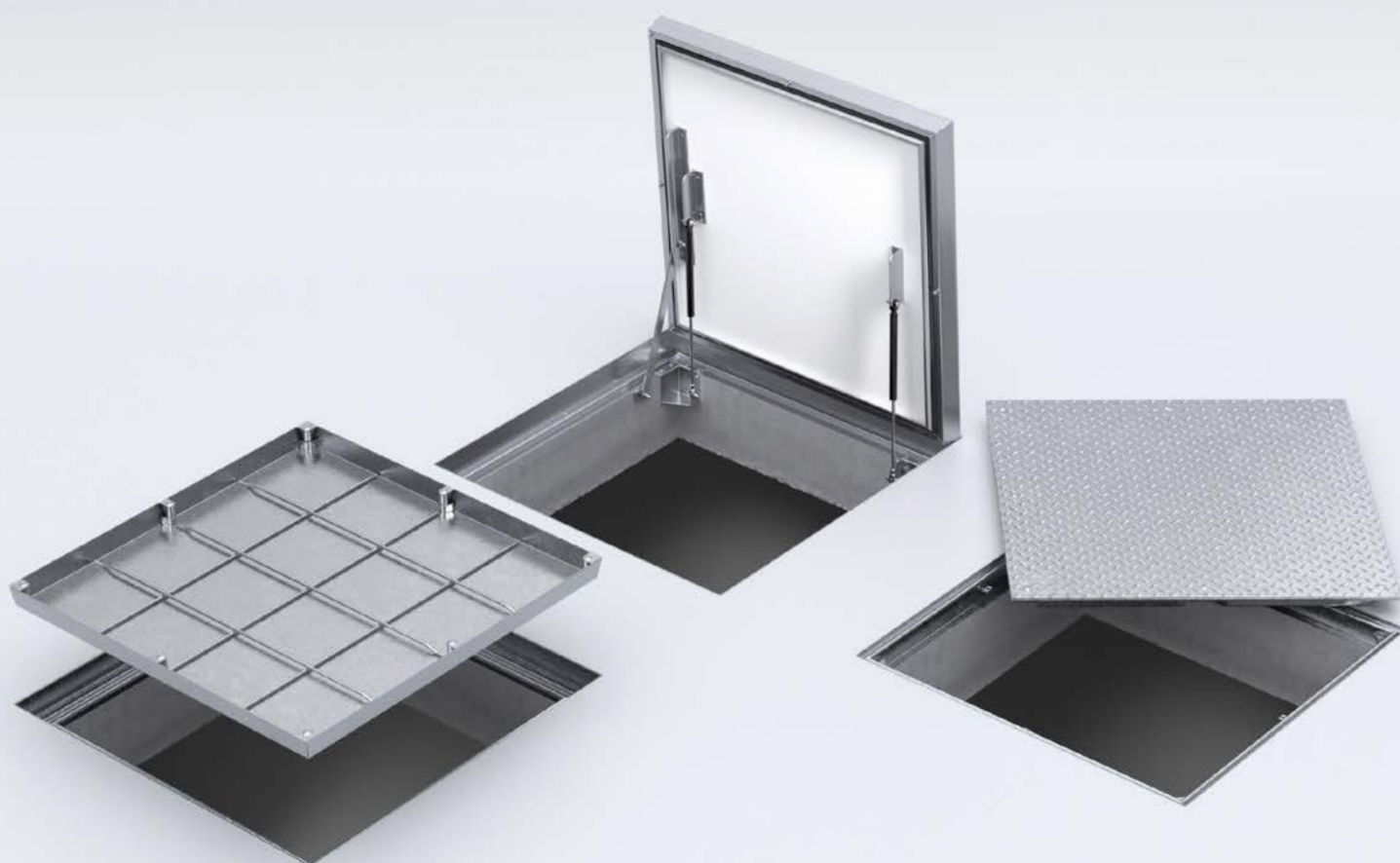




YOUR BEST DECISION: OUR QUALITY



[www.hago.at](http://www.hago.at)

**HAGO DECK**  
ACCESS COVERS

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## HAGO - YOUR RELIABLE PARTNER

Established in 1972 HAGO has been a family business with reliable values and principles.

We successfully deal with the development, production and sale of our high quality state of the art construction products.

Today HAGO, with its HAGODECK access covers, is one of the leading producers world wide.

## OUR AIM IS YOUR SATISFACTION

We offer a high level of specialist skills, maximum product benefits, an ongoing quality control system and reliable delivery dates. And should you ever have a complaint it will be dealt with competently and quickly.



### THE GOLDEN KEY:

The **HAGO** advantage. This key is worth its weight in gold. Why? The first pull is the problem. You will be used to this if you have ever had rusted screws. With just one twist of the Golden Key, the first pull is effortless.

Both installation staff (when first opening) and the subsequent user will really appreciate this feature. (Photo: Golden Key Lift-Off system)

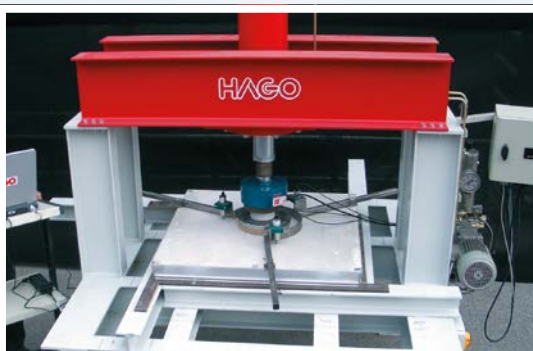


### TEST LOAD / LOAD CAPACITY:

Our test certificates from a well known, state-licensed testing and inspection authorities your peace of mind.

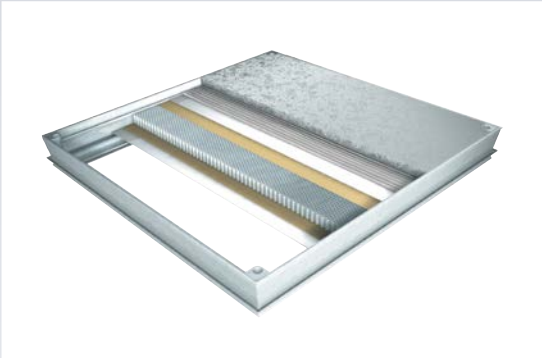
We guarantee that our standard covers, when completely filled with C 35/45 concrete (European Standard EN 206-1) will achieve the specified test load.

If a tiled finish or similar is used, the test loading will decrease. For covers with a recess  $\geq 10$  cm the full test load is achieved with a layer of min 5 cm concrete.



### OUR OWN MONITORING:

As part of product development and quality assurance, **HAGO** carries out load-bearing capacity tests with our own testing facility. We can thus guarantee optimal product features for all our serial products. (Photo: 125 kN EN 124 load-capacity test of a **HAGODECK** BVA 88)



#### TOP INNOVATIONS:

**HAGODECK COMPOSITE:** The modern, patented access cover. Composite aluminium honeycomb and adhesive technology, as used in aircraft construction, make no concrete filling necessary. No concrete weight and no concrete drying time are benefits of this technology.



#### PRECISION-MADE:

Our covers are manufactured to great accuracy. We base our designs on EN Standard 22768-1 "Tolerance for length and corner dimensions" and the EN ISO 13920 for welded constructions.



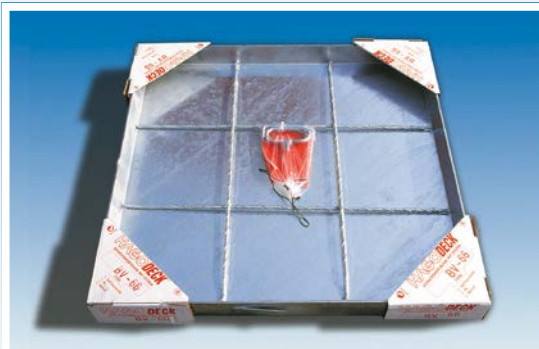
#### FIRE PROTECTION:

An official fire-test by the IBS in Linz, Austria, confirms that fire cannot pass through our F90 cover.



#### STOCK:

We keep large stocks of all standard HAGODECK covers permanently available for you at our Wels warehouse, at our Vienna branch and at our dealers.



#### PACKAGING AND PRODUCT LABELLING:

Our standard covers are packed with specially designed cardboard corners for protection. These provide optimal protection during transport, and the minimum use of cardboard is environmentally sound.

These cardboard corners are printed with the size and type of cover clearly visible, simplifying stock-control in the warehouse, at the dealer's or on site.



#### HAGO CORNERS:

Our corner system is a simple, attractive interface between the lifting point and the floor finish.

They are exceptionally small and aesthetically pleasing to architects and designers, with minimum disturbance to the appearance of the floor finish. In the industry today, installers throughout Europe consider the discreet HAGO logo a sign of quality in covers.



#### INSTALLATION INSTRUCTIONS:

The instructions are distinctly coloured and hard to miss. The instructions are also very brief, so even those who normally wouldn't bother to read them are not deterred. Definitely worth a read – there are lots of useful tips for trouble-free installation.



#### OPENING TOOLS:

Every HAGODECK access cover comes with a complete set of opening tools. No need to order or pay for this separately. The tool set is firmly tied (with cable ties) to the cover to minimise loss in transit.



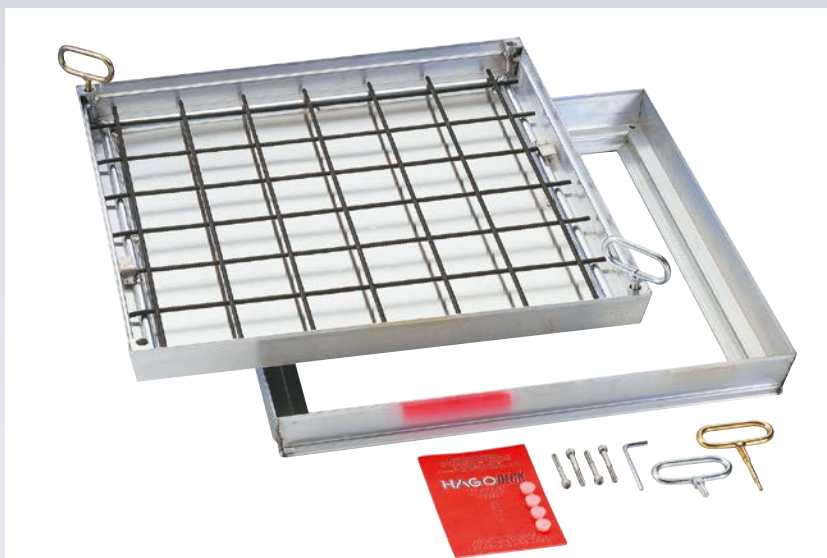
#### GAS LIFT-STRUTS:

Covers which feature assisted opening are equipped with particularly high-specification gas struts. Our standard gas struts (1) are also extremely rugged and durable. For extra-heavy covers we use patented double-piston gas struts (2). These enable the covers to be lifted comfortably, despite being heavy.



#### CROSS-BEAM SYSTEM:

The patented HAGO cross beam system is the optimum basis for our multi-part access covers. The cross-beams are removable without tools enabling a stable and largely watertight installation.



Load capacity: 125 kN test load EN 124

**Material:** Frame and cover sections in extruded aluminium. Stainless steel screws.

**Features:** Sealed access cover in high-quality finish. Very attractive surface, the visible edges are particularly attractive. Therefore these covers are particularly suitable where a look of elegance is required. Very easy-to-open design. Robust corner joints guarantee a very high degree of rigidity and make it easier to lay tiles and ceramic finishes. EPDM seal. The cover is reinforced with a clamped steel mesh reinforcement.

**The Lift-Off opening system:** Every HAGODECK Type BVA alu cover comes with a set of lifting keys and precise installation instructions.

**The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

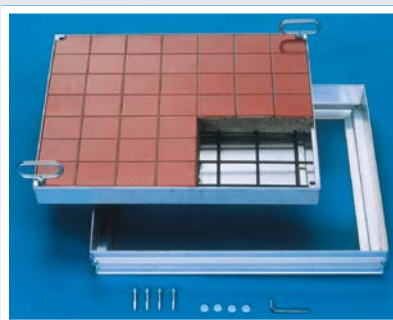
**Applications:** Inside buildings where it is important to obtain a nice visual effect. Also, in places where floor finishes may need polishing after fixing or where particular attention needs to be given to corrosion resistance.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring and to fill the cover with water-tight concrete.

**Specification clause:** [www.hago.at](http://www.hago.at)

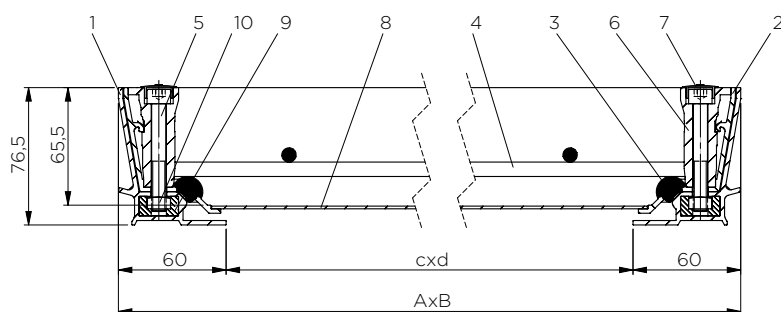


**BVA**  
installed in an office (over a manhole), in a carpeted area



**BVA**  
partially filled with tiles

### BVA Alu



- |                 |                                 |                                    |
|-----------------|---------------------------------|------------------------------------|
| 1 Frame         | 5 Allen screw (stainless steel) | 9 Injection-moulded part (plastic) |
| 2 Cover         | 6 Die-cast corner (alu))        | 10 Square nut (stainless steel)    |
| 3 Seal          | 7 Plastic cap                   |                                    |
| 4 Reinforcement | 8 Base plate                    |                                    |

| Type    | Clear dimensions of shaft<br>(≈ cm)<br>c x d | Outside dimensions<br>(≈ cm)<br>A x B | Weight empty approx. | S / O* |
|---------|----------------------------------------------|---------------------------------------|----------------------|--------|
| BVA 22  | 20 x 20                                      | 32 x 32                               | 3 kg                 | S      |
| BVA 33  | 30 x 30                                      | 42 x 42                               | 5 kg                 | S      |
| BVA 44  | 40 x 40                                      | 52 x 52                               | 7 kg                 | S      |
| BVA 45  | 45 x 45                                      | 57 x 57                               | 8 kg                 | S      |
| BVA 55  | 50 x 50                                      | 62 x 62                               | 9 kg                 | S      |
| BVA 64  | 60 x 40                                      | 72 x 52                               | 9 kg                 | S      |
| BVA 66  | 60 x 60                                      | 72 x 72                               | 10 kg                | S      |
| BVA 635 | 63,5 x 63,5                                  | 75,5 x 75,5                           | 11 kg                | S      |
| BVA 77  | 70 x 70                                      | 82 x 82                               | 12 kg                | S      |
| BVA 86  | 80 x 60                                      | 92 x 72                               | 12 kg                | S      |
| BVA 88  | 80 x 80                                      | 92 x 92                               | 15 kg                | S      |
| BVA 106 | 100 x 60                                     | 112 x 72                              | 15 kg                | S      |
| BVA 108 | 100 x 80                                     | 112 x 92                              | 21 kg                | S      |
| BVA 110 | 100 x 100                                    | 112 x 112                             | 23 kg                | S      |

Cover depth ≈ 6.6 cm

Installation height ≈ 7.6 cm

**Special sizes possible**

\*S = available from stock

\*O = to order



**Load capacity:** 15 kN test load EN 124

**Material:** Frame and cover sections in extruded aluminium. Stainless steel screws.

**Features:** Odour and waterproof access cover in high-quality finish. Only 5 cm installation depth. Particularly suitable for situations where greater installation depths are not possible. The shallow trough results in a weight reduction when filled – so less effort is required to lift the cover. An unrestricted height of 14 mm is available for laying slabs, tiles or parquet flooring etc. Two chemical-resistant special seals. The cover is reinforced with a clamped steel mesh reinforcement.

**The Lift-Off opening system:** Every HAGODECK Type BVA-SL slim Alu comes with a set of lifting keys and precise installation instructions.

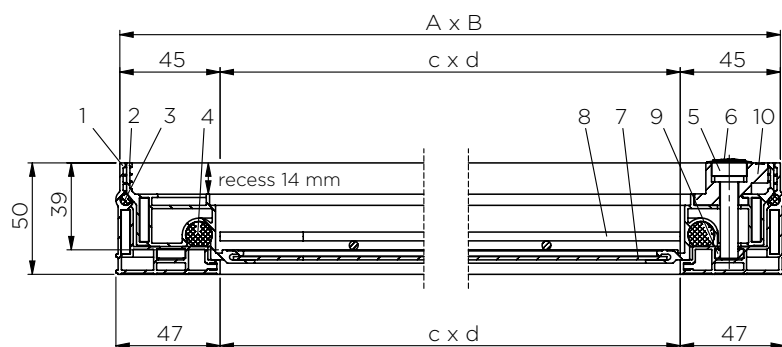
**The HAGO advantage:** Jammed covers are lifted by simply turning in the golden lifting key.

**Recommended applications:** For indoor access shafts, for which a pleasant appearance is required. Also, in places where floor finishes may require grinding or where particular attention must be paid to corrosion resistance.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring and to fill the cover with water-tight concrete.

**Specification clause:** [www.hago.at](http://www.hago.at)

BVA-SL slim Alu



- |               |                                 |                         |
|---------------|---------------------------------|-------------------------|
| 1 Frame       | 5 Allen screw (stainless steel) | 8 Reinforcement         |
| 2 Cover       | 6 Plastic cap                   | 9 Nut (stainless steel) |
| 3 Top seal    | 7 Cover plate (aluminium)       | 10 Casting (aluminium)  |
| 4 Bottom seal |                                 |                         |

| Type            | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-----------------|-------------------------------------|------------------------------|----------------------|--------|
|                 | c x d                               | A x B                        |                      |        |
| BVA-SL slim 22  | 20 x 20                             | 29 x 29                      | 2 kg                 | S      |
| BVA-SL slim 33  | 30 x 30                             | 39 x 39                      | 3 kg                 | S      |
| BVA-SL slim 44  | 40 x 40                             | 49 x 49                      | 4 kg                 | S      |
| BVA-SL slim 45  | 45 x 45                             | 54 x 54                      | 5 kg                 | S      |
| BVA-SL slim 55  | 50 x 50                             | 59 x 59                      | 6 kg                 | S      |
| BVA-SL slim 64  | 60 x 40                             | 69 x 49                      | 6 kg                 | S      |
| BVA-SL slim 66  | 60 x 60                             | 69 x 69                      | 7 kg                 | S      |
| BVA-SL slim 635 | 63,5 x 63,5                         | 72,5 x 72,5                  | 8 kg                 | S      |
| BVA-SL slim 77  | 70 x 70                             | 79 x 79                      | 9 kg                 | S      |
| BVA-SL slim 86  | 80 x 60                             | 89 x 69                      | 9 kg                 | S      |
| BVA-SL slim 88  | 80 x 80                             | 89 x 89                      | 10 kg                | S      |
| BVA-SL slim 106 | 100 x 60                            | 109 x 69                     | 10 kg                | S      |
| BVA-SL slim 108 | 100 x 80                            | 109 x 89                     | 12 kg                | S      |
| BVA-SL slim 110 | 100 x 100                           | 109 x 109                    | 14 kg                | S      |

**Cover depth** 39 mm / 14 mm (around the edge)

**Installation height** ≈ 5.0 cm

**Special sizes possible**

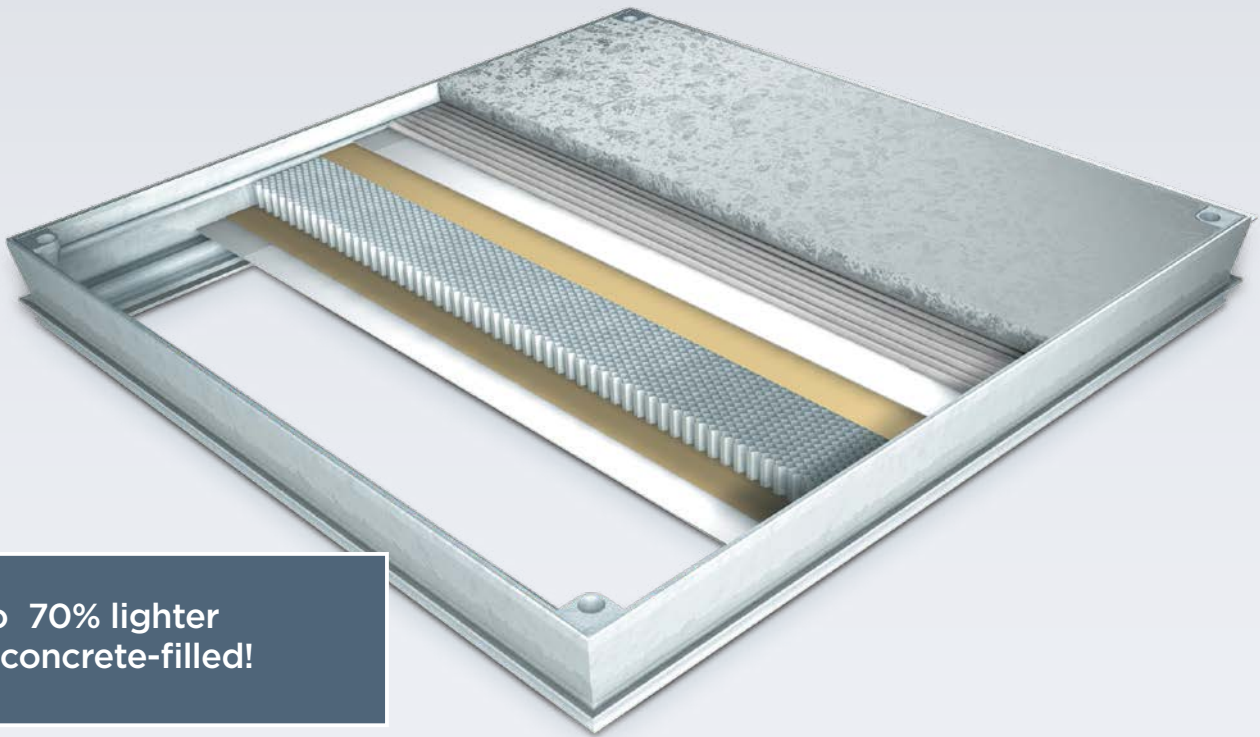
\*S = available from stock

\*O = to order

# HAGODECK

# Composite

*The innovative access cover*



Up to 70% lighter  
than concrete-filled!

## NO CONCRETE-WEIGHT

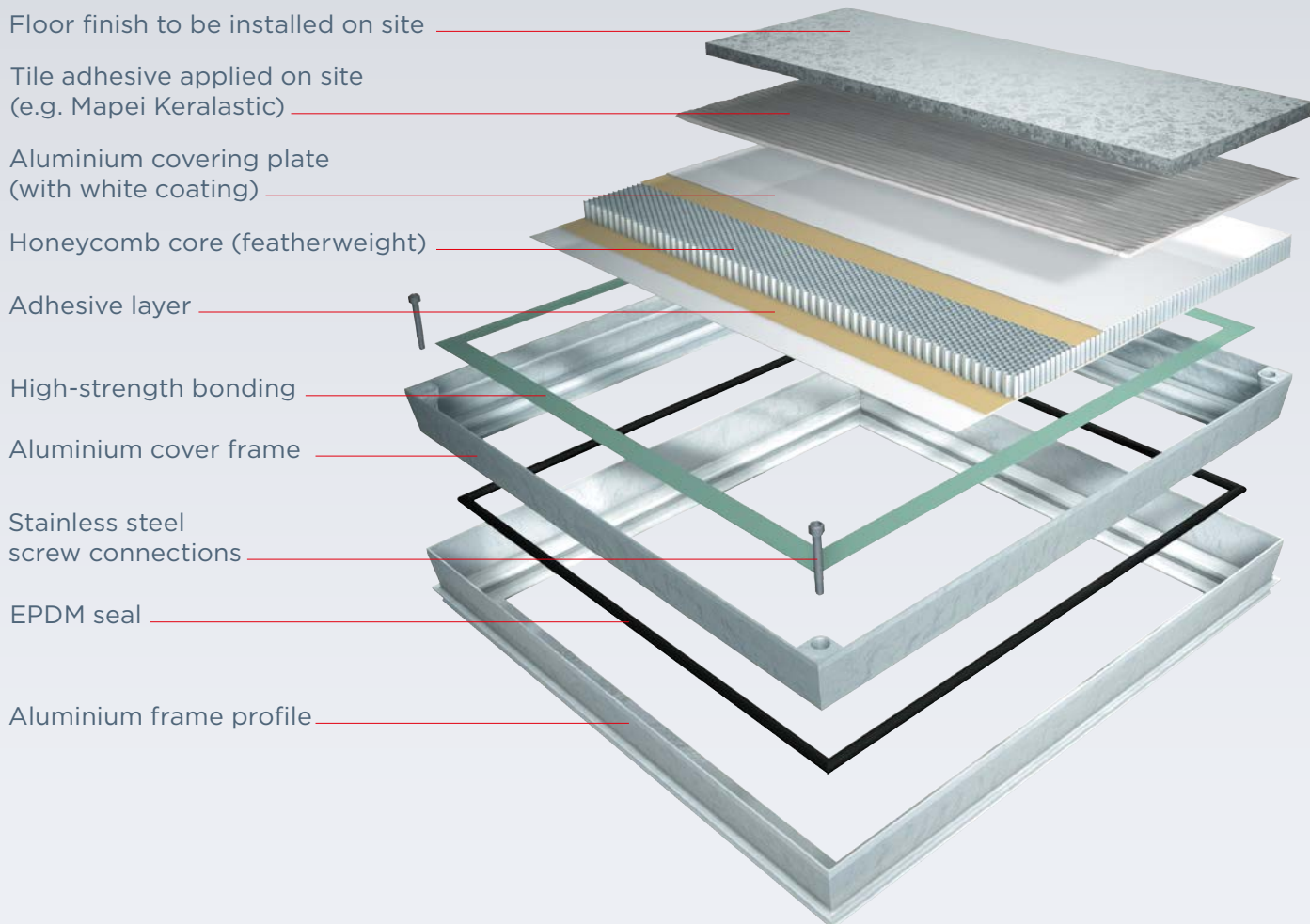
Opening the cover couldn't be easier.  
You save up to 85kgs of weight in concrete.  
(at a size of 80 x 80cm)

## FAST-INSTALLATION

Floor coverings (tiles, slabs, parquet)  
can be bonded on directly.  
No concrete filling. No concrete drying time.

## NEW INNOVATION

A modern patented (European patent) access  
cover. Composite aluminium honeycomb  
plates and adhesive technology as used in  
aircraft construction.



## We have reinvented the floor access cover!

Hago have developed a brand new access cover range using technology from lightweight construction for aircraft. The consistent use of lightweight construction (featherweight honeycomb panel) means maximum weight savings (no concrete filling) and easy opening.

The cover does not need to be filled with concrete. This makes installation quicker and simpler. And there's no need to wait for the concrete to dry.



Stone slabs



Tiles



Parquet



**Type CLA composite light**  
The super-lightweight cover

**Load capacity:** Class A (15 kN test load) EN 124

**Materials:** Frame in extruded aluminium. Cover in extruded aluminium bonded to a composite aluminium honeycomb panel (with a white coating). Stainless steel screw connections. EPDM sealing

**Features:** Modern lightweight-construction access cover. Major weight-savings compared to concrete-filled access covers. Opening the light cover couldn't be easier. As the cover is not filled with concrete, installation is quicker and simpler. There is a recess of 24 mm for laying slabs, tiles, parquet etc. In the case of thin tiles, the difference in height can be compensated for by using a suitable tile adhesive (MAPEI Keralastic) and waterproof building board. Sealed design with a very high-quality finish. Very attractive surface, particularly the visible edges. Inconspicuous corner joints make it easy to connect tiles, slabs etc.

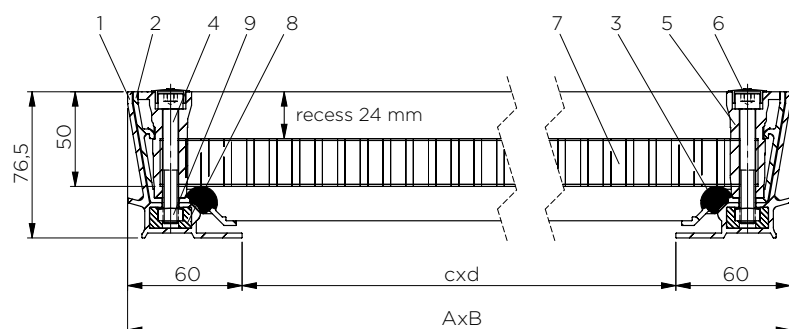
**Opening with the Lift-Off System:** Every HAGO-DECK Type CLA composite light aluminium comes with a set of lifting keys and detailed installation instructions. The HAGO advantage: Jammed covers are released by simply turning the Golden Key.

**Recommended applications:** As a cover inside buildings (pedestrian traffic only), which can be opened by 1-2 persons (depending on the size of the cover) without great effort.

**Installation:** Installation has to be carried out according to our installation instructions. In the case of water tight covers, care must be taken to seal the outer frame into the surrounding floor. Attach slabs or tiles fully (over the whole surface) with a suitable tile adhesive (MAPEI Keralastic). In the case of thin tiles or slabs, use waterproof building board to compensate for the difference in height.

**Specification clause:** [www.hago.at](http://www.hago.at)

#### CLA composite light aluminium



- |                                 |                                                        |                                    |
|---------------------------------|--------------------------------------------------------|------------------------------------|
| 1 Frame                         | (aluminium)                                            | 8 injection-moulded part (plastic) |
| 2 Cover                         | 6 Plastic cap                                          |                                    |
| 3 Seal                          | 7 Aluminium honeycomb plate plate (with white coating) | 9 Square boss (stainless steel)    |
| 4 Allen screw (stainless steel) |                                                        |                                    |
| 5 Die-cast corner               |                                                        |                                    |

| Type    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|---------|-------------------------------------|------------------------------|----------------------|--------|
|         | c x d                               | A x B                        |                      |        |
| CLA 22  | 20 x 20                             | 32 x 32                      | 3 kg                 | S      |
| CLA 33  | 30 x 30                             | 42 x 42                      | 5 kg                 | S      |
| CLA 44  | 40 x 40                             | 52 x 52                      | 7 kg                 | S      |
| CLA 55  | 50 x 50                             | 62 x 62                      | 9 kg                 | S      |
| CLA 64  | 60 x 40                             | 72 x 52                      | 9 kg                 | S      |
| CLA 66  | 60 x 60                             | 72 x 72                      | 10 kg                | S      |
| CLA 77  | 70 x 70                             | 82 x 82                      | 12 kg                | O      |
| CLA 86  | 80 x 60                             | 92 x 72                      | 12 kg                | S      |
| CLA 88  | 80 x 80                             | 92 x 92                      | 15 kg                | S      |
| CLA 106 | 100 x 60                            | 112 x 72                     | 15 kg                | S      |
| CLA 108 | 100 x 80                            | 112 x 92                     | 20 kg                | S      |
| CLA 110 | 100 x 100                           | 112 x 112                    | 25 kg                | S      |

**Cover depth approx.** 6,6 cm,  
**installation height approx.** 7,6 cm

**Special sizes possible**

\*S= available from stock,

\*O= to order



**Load capacity:** Class A (15 kN test force) EN 124

**Material:** Frame made of extruded aluminium sections. Cover made of extruded aluminium sections with composite aluminium honeycomb plate (white coated). Stainless steel screws 2 EPDM seals.

**Features:** Modern lightweight access cover. High weight reduction when compared with concrete filled access covers. Opening the light cover is just child's play. Since the concrete filling of the cover is omitted, the installation is much quicker and simpler. An unrestricted height of 14 mm is available for laying slabs, tiles or parquet flooring etc. Odor and waterproof access cover in high-quality finish. Pleasant visible edges. Unobtrusive corner joints ease the joining of tiles or slabs etc.

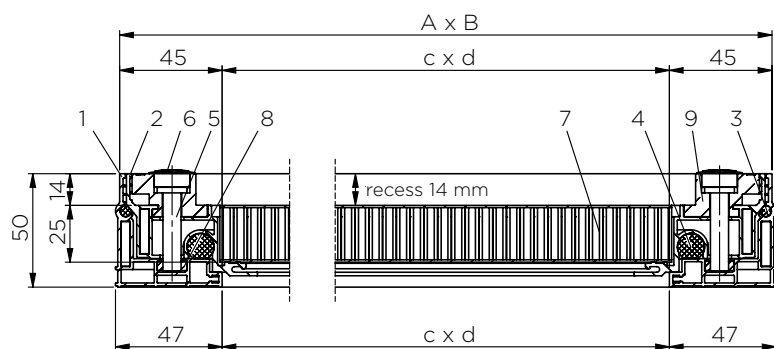
**The Lift-Off opening system:** Each HAGODECK Type CLA-SL slim composite light Alu is delivered with a set of lift-out keys and precise installation instructions. The HAGO advantage: Jammed covers are lifted up by simply turning the golden lift-out key.

**Applications:** For indoor access shafts (only accessible), which can be opened without applying excessive force.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring. Connect slabs or tiles (full area) with suitable tile adhesive (MAPEI Keralastic). For thin tiles or slabs use waterproof construction panels for height compensation.

**Specification clause:** [www.hago.at](http://www.hago.at)

CLA-SL slim composite light Alu



- |               |                   |                         |
|---------------|-------------------|-------------------------|
| 1 Frame       | (stainless steel) | 8 Nut (stainless steel) |
| 2 Cover       | 6 Plastic cap     | 9 Die-cast corner       |
| 3 Top seal    | 7 Aluminium       | (aluminium)             |
| 4 Bottom seal | honeycomb plate   |                         |
| 5 Allen screw | (white coated)    |                         |

| Type            | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-----------------|-------------------------------------|------------------------------|----------------------|--------|
|                 | c x d                               | A x B                        |                      |        |
| CLA-SL slim 22  | 20 x 20                             | 29 x 29                      | 2 kg                 | S      |
| CLA-SL slim 33  | 30 x 30                             | 39 x 39                      | 3 kg                 | S      |
| CLA-SL slim 44  | 40 x 40                             | 49 x 49                      | 5 kg                 | S      |
| CLA-SL slim 45  | 45 x 45                             | 54 x 54                      | 5 kg                 | O      |
| CLA-SL slim 55  | 50 x 50                             | 59 x 59                      | 6 kg                 | S      |
| CLA-SL slim 64  | 60 x 40                             | 69 x 49                      | 6 kg                 | S      |
| CLA-SL slim 66  | 60 x 60                             | 69 x 69                      | 8 kg                 | S      |
| CLA-SL slim 77  | 70 x 70                             | 79 x 79                      | 10 kg                | O      |
| CLA-SL slim 86  | 80 x 60                             | 89 x 69                      | 10 kg                | S      |
| CLA-SL slim 88  | 80 x 80                             | 89 x 89                      | 12 kg                | S      |
| CLA-SL slim 106 | 100 x 60                            | 109 x 69                     | 12 kg                | S      |
| CLA-SL slim 108 | 100 x 80                            | 109 x 89                     | 13 kg                | S      |
| CLA-SL slim 110 | 100 x 100                           | 109 x 109                    | 16 kg                | S      |

**Installation depth** 50 mm

**free height** 14 mm

**Special sizes possible**

\*S= available from stock,

\*O= to order



**Load capacity:** Class A (15 kN test load) EN 124

**Materials:** Frame in extruded aluminium. Cover in extruded aluminium bonded to a composite aluminium honeycomb panel (with a white coating). Stainless steel screw connections. EPDM seal

**Features:** modern lightweight-construction access cover. **Major weight-savings compared to concrete-filled access covers.** The cover is lifted by the hinge, significantly reducing the effort required. A safety device is fitted, locking the cover in the raised position. As the cover is not filled with concrete, installation is quicker and simpler. There is a recess of 24 mm for laying slabs, tiles, parquet etc. In the case of thin tiles, the difference in height can be compensated for by using a suitable tile adhesive (MAPEI Keralastic) and waterproof building board. Sealed design with a very high-quality finish. Very attractive surface, particularly the visible edges. Inconspicuous corner joints make it easy to connect tiles, slabs etc.

**Opening with the Lift-Off System with the help of the hinge:** Every HAGODECK Type CCA composite comfort aluminium comes with a set of lifting keys and detailed installation instructions. The **HAGO advantage:** Jammed covers are released by simply turning the Golden Key.

**Recommended applications:** As a cover inside buildings which can be opened by one person also suitable for pool access cover.

**Installation:** Installation should be carried out according to our installation instructions. In the case of water tight covers, care must be taken to seal the outer frame into the surrounding floor. Attach slabs or tiles fully (over the whole surface) with a suitable tile adhesive (MAPEI Keralastic). In the case of thin tiles or slabs, use waterproof building board to compensate for the difference in height.

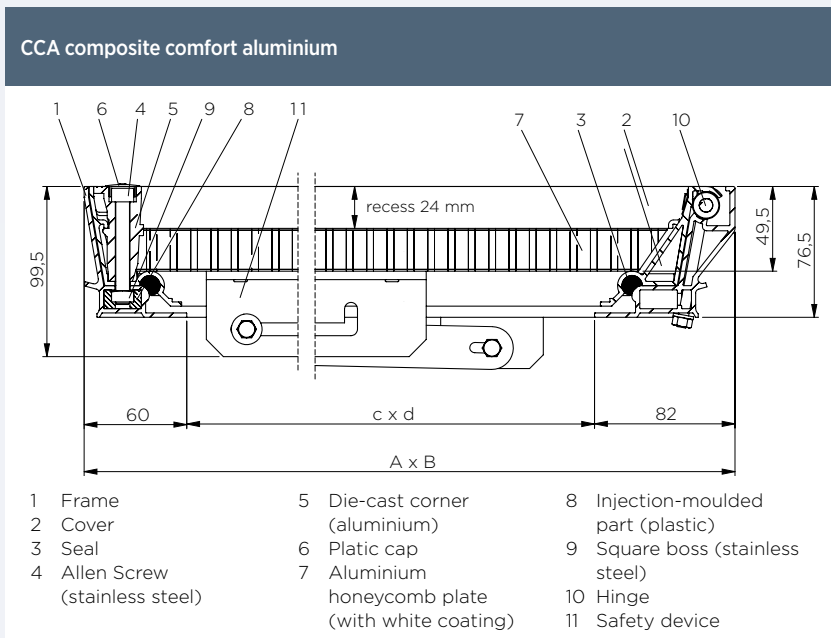
**Specification clause:** [www.hago.at](http://www.hago.at)



Detailed view of the safety device



The cover is lifted by the hinge, significantly reducing the effort required.



| Type    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|---------|-------------------------------------|------------------------------|----------------------|--------|
|         | c x d                               | A x B                        |                      |        |
| CCA 55  | 50 x 50                             | 62 x 64                      | 10 kg                | S      |
| CCA 64  | 60 x 40                             | 72 x 54                      | 10 kg                | S      |
| CCA 66  | 60 x 60                             | 72 x 74                      | 12 kg                | S      |
| CCA 77  | 70 x 70                             | 82 x 84                      | 14 kg                | O      |
| CCA 86  | 80 x 60                             | 92 x 74                      | 14 kg                | S      |
| CCA 88  | 80 x 80                             | 92 x 94                      | 17 kg                | S      |
| CCA 106 | 100 x 60                            | 112 x 74                     | 17 kg                | S      |

**Cover depth approx.** 6.6 cm

**Installation height approx.** 7.6 cm

**Special sizes possible**

\*S= available from stock,

\*O= to order



**Load capacity:** Class A (15 kN test load) EN 124

**Materials:** Frame in extruded aluminium. Cover in extruded aluminium bonded to a composite aluminium honeycomb panel (with a white coating). Stainless steel screw connections. EPDM seal. High-quality gas-lift struts.

**Features:** Modern lightweight-construction access cover with maximum ease of opening. Major weight-savings compared to concrete-filled access covers. Extremely easy to open thanks to gas-lift struts. A safety device is fitted, locking the cover in the raised position. As the cover is not filled with concrete, installation is quicker and simpler. There is a recess of 24 mm for laying slabs, tiles, parquet etc. In the case of thin tiles, the difference in height can be compensated for by using a suitable tile adhesive (MAPEI Keralastic) and waterproof building board. Sealed design with a very high-quality finish. Very attractive surface, particularly the visible edges. Inconspicuous corner joints make it easy to connect tiles, slabs etc.

**Opening with the Lift-Off System with the help of the hinge:** Every HAGODECK Type CCA-GD composite comfort aluminium comes with a set of lifting keys and detailed installation instructions. **The HAGO advantage:** Jammed covers are released by simply turning the Golden Key.

**Recommended applications:** As a cover inside buildings which can be very easily opened by one person also suitable for pool access cover.

**Installation:** Installation should be carried out according to our installation instructions. In the case of water tight covers, care must be taken on site to tightly seal the outer frame into the surrounding floor. Attach slabs or tiles fully (over the whole surface) with a suitable tile adhesive (MAPEI Keralastic). In the case of thin tiles or slabs, use waterproof building board to compensate for the difference in height.

**Specification clause:** [www.hago.at](http://www.hago.at)

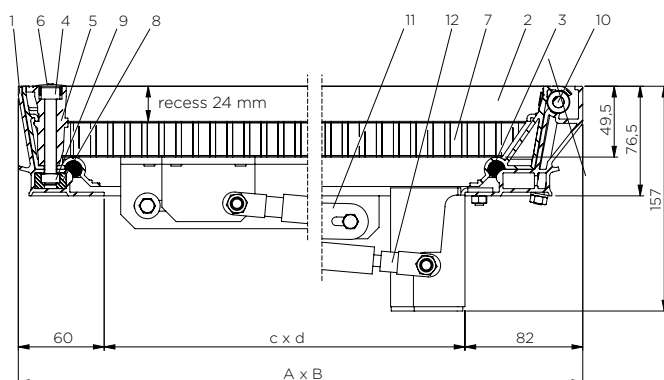


Detailed view of the safety device and gas-lift struts



Extremely easy to open thanks to lightweight construction and gas-lift struts

## CCA-GD composite comfort aluminium



- |                                 |                                                  |                                 |
|---------------------------------|--------------------------------------------------|---------------------------------|
| 1 Frame                         | (aluminium)                                      | part (plastic)                  |
| 2 Cover                         | 6 Plastic cap                                    | 9 Square boss (stainless steel) |
| 3 Seal                          | 7 Aluminium honeycomb plate (with white coating) | 10 Hinge                        |
| 4 Allen screw (stainless steel) | 8 Injection-moulded                              | 11 Safety device                |
| 5 Die-cast corner               |                                                  | 12 Gas-lift struts              |

| Type       | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|------------|-------------------------------------|------------------------------|----------------------|--------|
|            | c x d                               | A x B                        |                      |        |
| CCA-GD 66  | 60 x 60                             | 72 x 74                      | 13 kg                | S      |
| CCA-GD 86  | 80 x 60                             | 92 x 74                      | 15 kg                | S      |
| CCA-GD 88  | 80 x 80                             | 92 x 94                      | 18 kg                | S      |
| CCA-GD 106 | 100 x 60                            | 112 x 74                     | 18 kg                | S      |
| CCA-GD 108 | 100 x 80                            | 112 x 94                     | 20 kg                | O      |
| CCA-GD 110 | 100 x 100                           | 112 x 114                    | 23 kg                | S      |

**Cover depth approx.** 6.6 cm

**Installation height approx.** 7.6 cm

**Special sizes possible**

\*S= available from stock,

\*O= to order



**Load capacity:** 125 kN test load EN 124

**Material:** Frame and cover in 2 mm cold-formed precision steel profiles. Hot-dip galvanised.

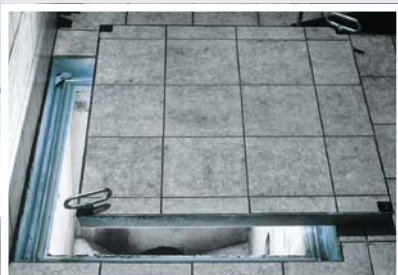
**Features:** Accurately manufactured sealed access covers. Tapered design allows easy opening. Virtually invisible when installed. EPDM seal. Robust steel mesh reinforcement.

**The Lift-Off opening system:** Every HAGODECK Type BV steel cover comes with a set of lifting keys and precise installation instructions. The **HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** Inside buildings or their surroundings, where sealed covers are required.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

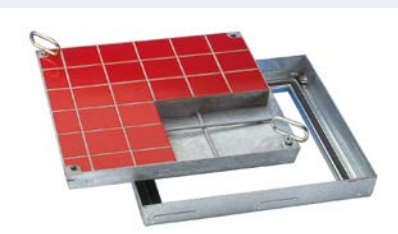
**Specification clause:** [www.hago.at](http://www.hago.at)



BV over a manhole

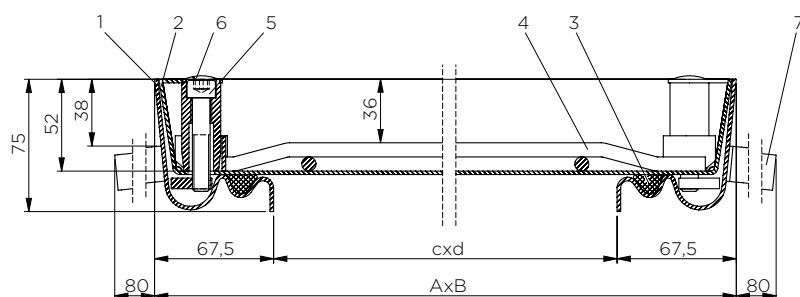


BV in a cafe floor with a granite finish



BV partially filled with tiles

### BV steel



- |         |                 |          |
|---------|-----------------|----------|
| 1 Frame | 4 Reinforcement | 7 Anchor |
| 2 Cover | 5 Allen screw   |          |
| 3 Seal  | 6 Plastic cap   |          |

| Type   | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|--------|-------------------------------------|------------------------------|----------------------|--------|
|        | c x d                               | A x B                        |                      |        |
| BV 33  | 30 x 30                             | 43,5 x 43,5                  | 10 kg                | S      |
| BV 44  | 40 x 40                             | 53,5 x 53,5                  | 14 kg                | S      |
| BV 45  | 45 x 45                             | 58,5 x 58,5                  | 16 kg                | S      |
| BV 55  | 50 x 50                             | 63,5 x 63,5                  | 17 kg                | S      |
| BV 64  | 60 x 40                             | 73,5 x 53,5                  | 17 kg                | S      |
| BV 66  | 60 x 60                             | 73,5 x 73,5                  | 21 kg                | S      |
| BV 635 | 63,5 x 63,5                         | 77,0 x 77,0                  | 23 kg                | S      |
| BV 77  | 70 x 70                             | 83,5 x 83,5                  | 27 kg                | S      |
| BV 86  | 80 x 60                             | 93,5 x 73,5                  | 26 kg                | S      |
| BV 88  | 80 x 80                             | 93,5 x 93,5                  | 31 kg                | S      |
| BV 106 | 100 x 60                            | 113,5 x 73,5                 | 30 kg                | S      |
| BV 108 | 100 x 80                            | 113,5 x 93,5                 | 36 kg                | S      |
| BV 110 | 100 x 100                           | 113,5 x 113,5                | 42 kg                | S      |

Cover depth ≈ 5.0 cm

Installation height ≈ 7.5 cm

Special sizes possible

\*S = available from stock

\*O = to order



**Load capacity:** 125 kN test load EN 124

**Material:** Grade 304 stainless steel. Passivated after welding. Also available in grade 316 stainless steel on request.

**Features:** Accurately manufactured fully sealed access covers. Tapered design allows easy opening. Virtually invisible when installed. EPDM seal.

**The Lift-Off opening system:** Every HAGODECK Type BVE stainless steel cover comes with a set of lifting keys and precise installation instructions. **The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** Inside buildings or their surroundings, where exceptionally high standards are needed or where the hygienic properties of stainless steel are preferred, e.g. in the food industry, in meat-processing areas, dairies, hospitals, swimming pools. For indoor swimming pools only use grade 316 material!

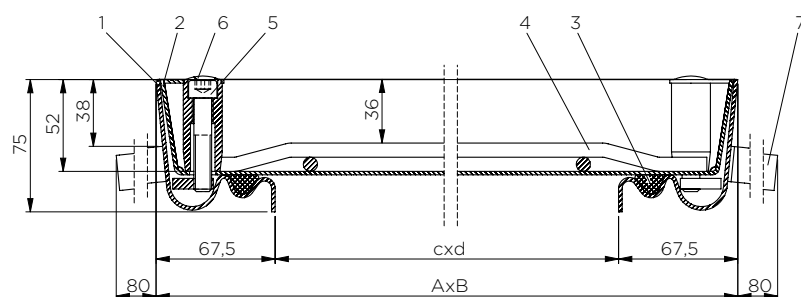
**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)



**BVE**  
In use at a food processing plant

## BVE stainless steel



- |         |                 |          |
|---------|-----------------|----------|
| 1 Frame | 4 Reinforcement | 7 Anchor |
| 2 Cover | 5 Allen screw   |          |
| 3 Seal  | 6 Plastic cap   |          |

| Type    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|---------|-------------------------------------|------------------------------|----------------------|--------|
|         | c x d                               | A x B                        |                      |        |
| BVE 22  | 20 x 20                             | 33,5 x 33,5                  | 7 kg                 | S      |
| BVE 33  | 30 x 30                             | 43,5 x 43,5                  | 10 kg                | S      |
| BVE 44  | 40 x 40                             | 53,5 x 53,5                  | 13 kg                | S      |
| BVE 55  | 50 x 50                             | 63,5 x 63,5                  | 16 kg                | S      |
| BVE 64  | 60 x 40                             | 73,5 x 53,5                  | 16 kg                | S      |
| BVE 66  | 60 x 60                             | 73,5 x 73,5                  | 20 kg                | S      |
| BVE 635 | 63,5 x 63,5                         | 77,0 x 77,0                  | 21 kg                | S      |
| BVE 77  | 70 x 70                             | 83,5 x 83,5                  | 26 kg                | O      |
| BVE 86  | 80 x 60                             | 93,5 x 73,5                  | 24 kg                | S      |
| BVE 88  | 80 x 80                             | 93,5 x 93,5                  | 29 kg                | S      |
| BVE 106 | 100 x 60                            | 113,5 x 73,5                 | 28 kg                | S      |
| BVE 108 | 100 x 80                            | 113,5 x 93,5                 | 34 kg                | S      |
| BVE 110 | 100 x 100                           | 113,5 x 113,5                | 40 kg                | S      |

Cover depth ≈ 5.0 cm

Installation height ≈ 7.5 cm

**Special sizes possible**

\*S = available from stock

\*O = to order



**BV shallow**

The bottom of the cover is reinforced

**Load capacity:** pedestrian

**Material:**

**BV-shallow:** frame and cover in 2 mm cold formed precision steel profiles, hot-dip galvanised.

**BVE-shallow:** Frame and cover made of stainless steel grade 304 (also available in grade 316 on request).

**Features:** Sealed. Cover with an installation depth of only 5 cm. Particularly suitable for situations where greater installation depth is not available. Since the cover is shallower, this means that it is not so heavy when filled in – so less effort is required to lift the cover. The bottom of the cover is reinforced. EPDM seal. Tapered design allows easy opening. Steel reinforcement guarantees good adhesion between the concrete infill and the bottom of the cover.

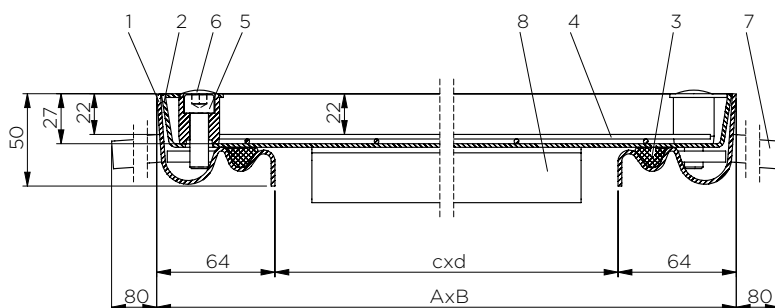
**The Lift-Off opening system:** Every HAGODECK Type BV(E) shallow cover comes with a set of lifting keys and clear installation instructions. **The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** For pedestrian use inside buildings and their surroundings.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the

**Specification clause:** [www.hago.at](http://www.hago.at)

### BV-shallow steel/BVE-shallow stainless steel



- |         |                 |                 |
|---------|-----------------|-----------------|
| 1 Frame | 4 Reinforcement | 7 Anchor        |
| 2 Cover | 5 Allen screw   | 8 Reinforcement |
| 3 Seal  | 6 Plastic cap   |                 |

| Type                                         | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|----------------------------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b>                      |                                     |                              |                      |        |
| BV-shallow 22                                | 20 x 20                             | 33 x 33                      | 6 kg                 | S      |
| BV-shallow 33                                | 30 x 30                             | 43 x 43                      | 9 kg                 | S      |
| BV-shallow 44                                | 40 x 40                             | 53 x 53                      | 13 kg                | S      |
| BV-shallow 55                                | 50 x 50                             | 63 x 63                      | 14 kg                | S      |
| BV-shallow 64                                | 60 x 40                             | 73 x 53                      | 16 kg                | S      |
| BV-shallow 66                                | 60 x 60                             | 73 x 73                      | 20 kg                | S      |
| BV-shallow 86                                | 80 x 60                             | 93 x 73                      | 25 kg                | S      |
| BV-shallow 88                                | 80 x 80                             | 93 x 93                      | 30 kg                | S      |
| BV-shallow 106                               | 100 x 60                            | 113 x 73                     | 29 kg                | S      |
| <b>Stainless steel grade 304, passivated</b> |                                     |                              |                      |        |
| BVE-shallow 22                               | 20 x 20                             | 33 x 33                      | 6 kg                 | S      |
| BVE-shallow 33                               | 30 x 30                             | 43 x 43                      | 8 kg                 | S      |
| BVE-shallow 44                               | 40 x 40                             | 53 x 53                      | 12 kg                | S      |
| BVE-shallow 55                               | 50 x 50                             | 63 x 63                      | 15 kg                | S      |
| BVE-shallow 64                               | 60 x 40                             | 73 x 53                      | 15 kg                | S      |
| BVE-shallow 66                               | 60 x 60                             | 73 x 73                      | 19 kg                | S      |
| BVE-shallow 86                               | 80 x 60                             | 93 x 73                      | 24 kg                | S      |
| BVE-shallow 88                               | 80 x 80                             | 93 x 93                      | 28 kg                | S      |
| BVE-shallow 106                              | 100 x 60                            | 113 x 73                     | 28 kg                | S      |

**Cover depth** ≈ 2.7 cm

**Installation height** ≈ 5.0 cm

**Special sizes possible**

\*S = available from stock

\*O = to order

## HAGOlifter PRO

The lifting device for professionals



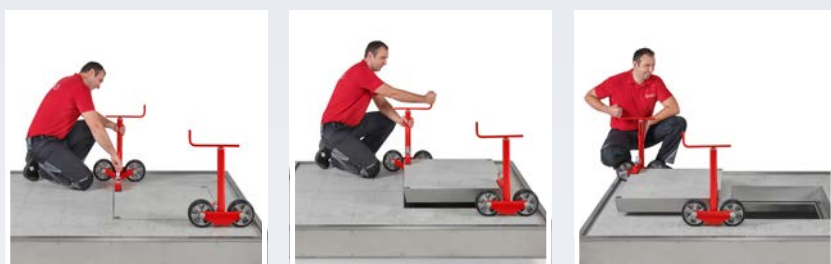
**Application:** The HAGOlifter PRO is the lifting device for professionals, suitable for **HAGO** access covers without hinges. Even heavy and high covers can be lifted and moved effortlessly without exertion.

In addition, we have two special types in our program. The HAGOlifter-WALL for low wall clearance and the HAGOlifter-XH for extra high covers.

**Scope of delivery:**

The HAGOlifter is delivered as a complete set consisting of:

- 2 pcs. Lifting unit (painted red) with aluminium wheels
- 2 pcs. Fixing screws M10 (for HAGO access covers made of aluminium)
- 2 pcs. Fixing screws M12 (for HAGO access covers made of galvanized and stainless steel)
- 2 pcs. Rubber protection plates (to place on sensitive floors)



| Type            | Lifting height | Weight per lifting unit |
|-----------------|----------------|-------------------------|
| HAGOlifter PRO  | 26 cm          | 12 kg                   |
| HAGOlifter WALL | 26 cm          | 12 kg                   |
| HAGOlifter XH   | 31 cm          | 12 kg                   |

## HAGOlifter MINI

The handy lifting device for private use



**Application:** The HAGOlifter Mini is suitable for the private user and enables easy lifting and moving of **HAGO** access covers without hinges up to medium sizes.

**Scope of delivery:** The HAGOlifter MINI comes as a complete set consisting of:

- 2 pcs. Lifting units (painted red) with blue rubberized wheels
- 2 pcs. Universal fixing screws M10 and M12 (for HAGO access covers made of aluminum or steel and stainless steel)
- 2 pcs. Rubber protection plates (to place on sensitive floors)

| Type            | Lifting height | Weight per lifting unit |
|-----------------|----------------|-------------------------|
| HAGOlifter MINI | 19 cm          | 4 kg                    |



## BVS-250

The bottom of the cover is reinforced with IPE-beam section and flat steel

**Load capacity:** 250 kN test load EN 124 when completely filled with concrete C 35/45 (EN 206)

**Material:** Frame and trough made of hot-dip galvanized sheet steel or stainless steel or stainless steel grade 304 (also available in grade 316 on request).

**Features:** Heavy duty sealed cover. Underside of cover reinforced with steel I-beam section.. Robust steel mesh reinforcement. EPDM seal. Tapered design allows easy opening.

**The Lift-Off opening system:** Every HAGODECK Type BVS-250 steel cover comes with a set of lifting keys and precise installation instructions.

**The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** For vehicle traffic areas in industrial buildings and their surrounding areas, where the cover needs to be heavy duty.

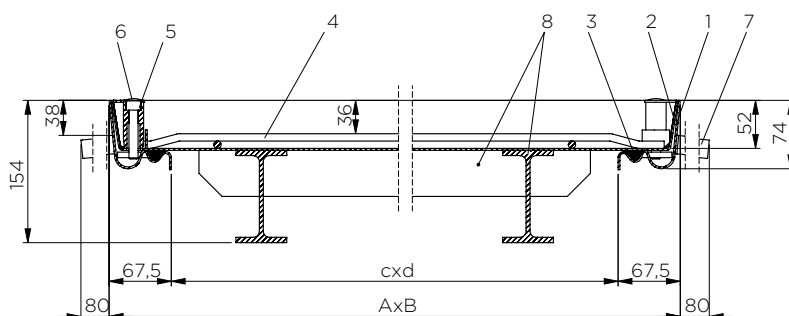
**Installation:** Installation must be carried out according to our instructions. With watertight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)



**Attention:** For forklift use – we recommend our BVHS/ BVEHS type covers with high recess – Page 29–30

## BVS-250 steel/BVES-250 stainless steel



- |         |                 |                 |
|---------|-----------------|-----------------|
| 1 Frame | 4 Reinforcement | 7 Anchor        |
| 2 Cover | 5 Allen screw   | 8 Reinforcement |
| 3 Seal  | 6 Plastic cap   |                 |

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b> |                                     |                              |                      |        |
| BVS 250/44              | 40 x 40                             | 53,5 x 53,5                  | 22 kg                | S      |
| BVS 250/55              | 50 x 50                             | 63,5 x 63,5                  | 27 kg                | S      |
| BVS 250/64              | 60 x 40                             | 73,5 x 53,5                  | 26 kg                | S      |
| BVS 250/66              | 60 x 60                             | 73,5 x 73,5                  | 33 kg                | S      |
| BVS 250/86              | 80 x 60                             | 93,5 x 73,5                  | 44 kg                | O      |
| BVS 250/88              | 80 x 80                             | 93,5 x 93,5                  | 54 kg                | S      |
| BVS 250/106             | 100 x 60                            | 113,5 x 73,5                 | 54 kg                | S      |
| BVS 250/108             | 100 x 80                            | 113,5 x 93,5                 | 66 kg                | O      |
| BVS 250/110             | 100 x 100                           | 113,5 x 113,5                | 80 kg                | S      |
| <b>Stainless steel</b>  |                                     |                              |                      |        |
| BVES 250/44             | 40 x 40                             | 53,5 x 53,5                  | 21 kg                | O      |
| BVES 250/55             | 50 x 50                             | 63,5 x 63,5                  | 27 kg                | O      |
| BVES 250/64             | 60 x 40                             | 73,5 x 53,5                  | 25 kg                | O      |
| BVES 250/66             | 60 x 60                             | 73,5 x 73,5                  | 33 kg                | O      |
| BVES 250/86             | 80 x 60                             | 93,5 x 73,5                  | 43 kg                | O      |
| BVES 250/88             | 80 x 80                             | 93,5 x 93,5                  | 54 kg                | O      |
| BVES 250/106            | 100 x 60                            | 113,5 x 73,5                 | 54 kg                | O      |
| BVES 250/108            | 100 x 80                            | 113,5 x 93,5                 | 66 kg                | O      |
| BVES 250/110            | 100 x 100                           | 113,5 x 113,5                | 80 kg                | O      |

Cover depth ≈ 5.0 cm

Installation height ≈ 7.5 cm

Steel girders penetrate ≈ 10 cm into the shaft

**Special sizes possible**

\*S = available from stock

\*O = to order



## BVS-400

The bottom of the cover is reinforced with I-beam section and flat steel

**Load capacity:** 400 kN test load EN 124 when completely filled with concrete C 35/45 (EN 206)

**Material:** Frame and trough made of hot-dip galvanized sheet steel or stainless steel grade 304 (also available in grade 316 on request).

**Features:** Heavy duty sealed cover. Underside of cover reinforced with steel I-beam section and additional frame. Robust steel mesh reinforcement. EPDM seal. Tapered design allows easy opening.

**The Lift-Off opening system:** Every HAGODECK Type BVS-400 steel cover comes with a set of lifting keys and precise installation instructions.

**The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** For vehicle traffic areas in industrial buildings and their surrounding areas, or for secondary traffic areas.

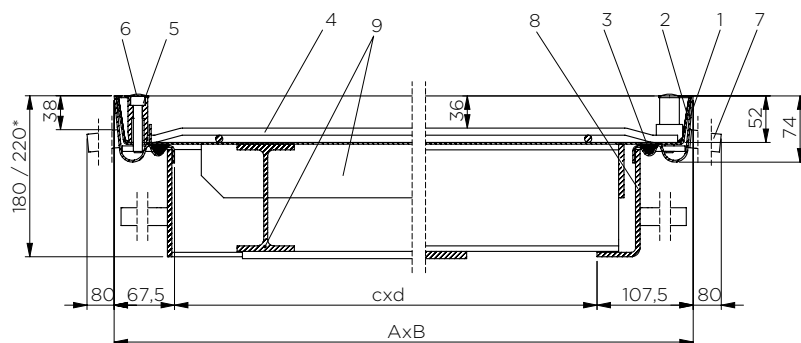
**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)



**Attention:** For forklift use - we recommend our BVHS/ BVEHS type covers with high recess - Page 29-30

## BVS-400 steel/BVES-400 stainless steel



- |                 |               |                                          |
|-----------------|---------------|------------------------------------------|
| 1 Frame         | 5 Allen screw | 8 Frame reinforcement (additional frame) |
| 2 Cover         | 6 Plastic cap | 9 Reinforcement                          |
| 3 Seal          | 7 Anchor      |                                          |
| 4 Reinforcement |               |                                          |

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b> |                                     |                              |                      |        |
| BVS 400/44              | 40 x 40                             | 53,5 x 61,5                  | 44 kg                | S      |
| BVS 400/55              | 50 x 50                             | 63,5 x 71,5                  | 54 kg                | S      |
| BVS 400/64              | 60 x 40                             | 73,5 x 61,5                  | 52 kg                | O      |
| BVS 400/66              | 60 x 60                             | 73,5 x 81,5                  | 62 kg                | S      |
| BVS 400/86              | 80 x 60                             | 93,5 x 81,5                  | 86 kg                | O      |
| BVS 400/88              | 80 x 80                             | 93,5 x 101,5                 | 105 kg               | S      |
| BVS 400/106             | 100 x 60                            | 113,5 x 81,5                 | 103 kg               | O      |
| BVS 400/108             | 100 x 80                            | 113,5 x 101,5                | 127 kg               | O      |
| BVS 400/110             | 100 x 100                           | 113,5 x 121,5                | 175 kg               | S      |
| <b>Stainless steel</b>  |                                     |                              |                      |        |
| BVES 400/44             | 40 x 40                             | 53,5 x 61,5                  | 43 kg                | O      |
| BVES 400/55             | 50 x 50                             | 63,5 x 71,5                  | 54 kg                | O      |
| BVES 400/64             | 60 x 40                             | 73,5 x 61,5                  | 51 kg                | O      |
| BVES 400/66             | 60 x 60                             | 73,5 x 81,5                  | 64 kg                | O      |
| BVES 400/86             | 80 x 60                             | 93,5 x 81,5                  | 88 kg                | O      |
| BVES 400/88             | 80 x 80                             | 93,5 x 101,5                 | 107 kg               | O      |
| BVES 400/106            | 100 x 60                            | 113,5 x 81,5                 | 106 kg               | O      |
| BVES 400/108            | 100 x 80                            | 113,5 x 101,5                | 127 kg               | O      |
| BVES 400/110            | 100 x 100                           | 113,5 x 121,5                | 179 kg               | O      |

Cover depth ≈ 5.0 cm

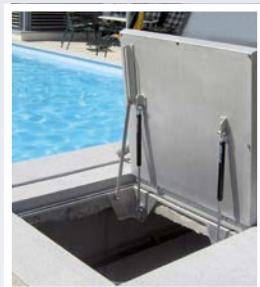
Installation heights: up to BVS 400/ 88 ≈ 18 cm

BVS 400/110 ≈ 22 cm

**Special sizes possible**

\*S = available from stock

\*O = to order



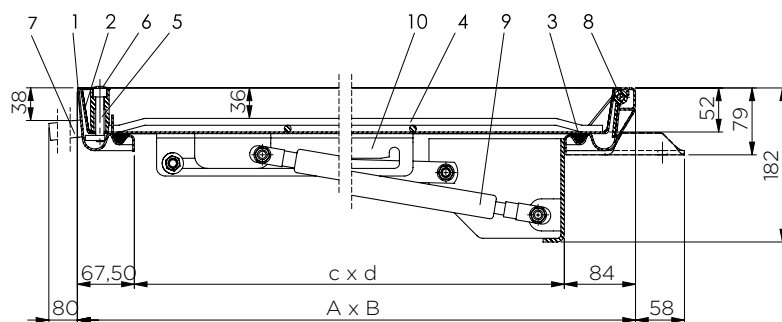
**BV-GD 88** built into a swimming pool area



**Detail:** gas strut and safety device



## BV-GD automatic steel/BVE-GD automatic stainless steel



- |                 |               |                  |
|-----------------|---------------|------------------|
| 1 Frame         | 5 Allen Screw | 9 Gas strut      |
| 2 Cover         | 6 Plastic cap | 10 Safety device |
| 3 Seal          | 7 Anchor      |                  |
| 4 Reinforcement | 8 Hinge       |                  |

**Load capacity:** 125 kN test load EN 124

**Material:** Frame and cover made of 2 mm cold-formed precision steel profiles, hot-dip galvanised or stainless steel grade 304 (also available in grade 316 on request).

**Features:** Comfort-lift access cover. Smell proof, largely water-tight (not guaranteed to be completely water-tight). EPDM seal. Opening tools included. Opening is assisted by the gas strut(s) to such an extent that the BV-GD/BVE-GD cover can be opened and closed by one person. Safety device fitted to prevent the open cover from closing.

**Applications:** As a cover over installations that need to be opened frequently, without particular effort. Particularly for inspection chambers. BVE-GD is particularly recommended over plant in swimming pool areas. For indoor swimming pools only use grade 316 material!

**Installation:** Please study the enclosed installation instructions carefully before installation and pay attention to our specifications. Care must be taken to seal the outer frame into the surrounding flooring.

**Important note:** The gas strut(s) are not installed for transport-related reasons. These should be installed after the cover and frame have been installed and filled (concrete must be set), in the open position in accordance

**Specification clause:** [www.hago.at](http://www.hago.at)

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty<br>approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|-------------------------|--------|
| <b>Galvanised steel</b> |                                     |                              |                         |        |
| BV-GD 44                | 40 x 40                             | 53,5 x 55,15                 | 20 kg                   | O      |
| BV-GD 55                | 50 x 50                             | 63,5 x 65,15                 | 24 kg                   | O      |
| BV-GD 66                | 60 x 60                             | 73,5 x 75,15                 | 27 kg                   | S      |
| BV-GD 86                | 80 x 60                             | 93,5 x 75,15                 | 33 kg                   | S      |
| BV-GD 88                | 80 x 80                             | 93,5 x 95,15                 | 37 kg                   | S      |
| BV-GD 106               | 100 x 60                            | 113,5 x 75,15                | 38 kg                   | S      |
| BV-GD 108               | 100 x 80                            | 113,5 x 95,15                | 45 kg                   | O      |
| BV-GD 110               | 100 x 100                           | 113,5 x 115,15               | 50 kg                   | S      |
| <b>Stainless steel</b>  |                                     |                              |                         |        |
| BVE-GD 44               | 40 x 40                             | 53,5 x 55,15                 | 20 kg                   | O      |
| BVE-GD 55               | 50 x 50                             | 63,5 x 65,15                 | 24 kg                   | O      |
| BVE-GD 66               | 60 x 60                             | 73,5 x 75,15                 | 28 kg                   | S      |
| BVE-GD 86               | 80 x 60                             | 93,5 x 75,15                 | 35 kg                   | S      |
| BVE-GD 88               | 80 x 80                             | 93,5 x 95,15                 | 41 kg                   | S      |
| BVE-GD 106              | 100 x 60                            | 113,5 x 75,15                | 36 kg                   | S      |
| BVE-GD 108              | 100 x 80                            | 113,5 x 95,15                | 42 kg                   | O      |
| BVE-GD 110              | 100 x 100                           | 113,5 x 115,15               | 48 kg                   | S      |

**Cover depth** ≈ 5.0 cm, **Installation height** ≈ 7.5 cm

**Special sizes possible**

\*S = available from stock

\*O = to order

Number of gas struts

|       |           |   |
|-------|-----------|---|
| Size: | 60 x 60   | 1 |
| Size: | 80 x 60   | 2 |
| Size: | 80 x 80   | 2 |
| Size: | 100 x 60  | 2 |
| Size: | 100 x 100 | 2 |



**Load capacity:** 125 kN test load EN 124

**Material:** Frame and cover made of 2 mm cold edged steel, hot-dip galvanized. Both made of hot-dip galvanized sheet steel or stainless steel grade 304 (also available in grade 316 on request).

**Features:** Comfort-lift access cover. Smell proof (not guaranteed to be completely watertight). Virtually invisible when installed. EPDM seal. Opening tools included. Opening is assisted by the gas strut(s) to such an extent that the BV-GDZ cover can be opened and closed by one person.

**Central locking system:** HAGODECK Type BV-GDZ steel cover is equipped with a central locking system. The cover can be opened from above using a special socket key and easily unlocked from underneath using the built-in handle. Safety device fitted to prevent the open cover from closing.

**Applications:** For covers that need to be opened from above and below, quickly and without particular effort, e.g. in underground passageways, in underground railways, power stations, telecommunication or military facilities etc. Not permitted to be used as emergency exit hatches (escape routes)!

**Installation:** Please study the enclosed installation instructions **carefully before installation** and pay attention to our specifications. Care must be taken to seal the outer frame into the surrounding flooring.

**Important note:** The gas strut(s) are not installed for transport-related reasons. These should be installed after the cover and frame have been installed and filled (concrete must be set), in the open position in accordance with our installation instructions.

**Specification clause:** [www.hago.at](http://www.hago.at)



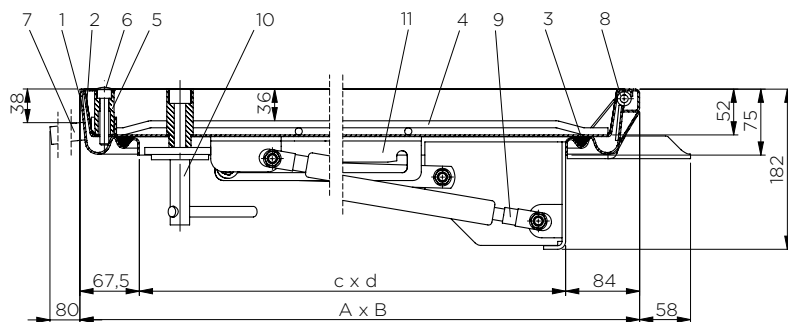
**BV-GDZ**

To be opened from the underside with the central lock



**BVE-GDZ** built into a family home

## BV-GDZ automatic steel/BVE-GDZ automatic stainless steel



- |                 |                |                  |
|-----------------|----------------|------------------|
| 1 Frame         | 5 Lifting boss | 10 Central lock  |
| 2 Cover         | 6 Plastic cap  | 11 Safety device |
| 3 Seal          | 7 Hinge        |                  |
| 4 Reinforcement | 8 Gas strut    |                  |

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b> |                                     | c x d                        | A x B                |        |
| BV-GDZ 66               | 60 x 60                             | 73,5 x 75,15                 | 27 kg                | S      |
| BV-GDZ 86               | 80 x 60                             | 93,5 x 75,15                 | 33 kg                | S      |
| BV-GDZ 88               | 80 x 80                             | 93,5 x 95,15                 | 39 kg                | S      |
| BV-GDZ 106              | 100 x 60                            | 113,5 x 75,15                | 39 kg                | O      |
| BV-GDZ 108              | 100 x 80                            | 113,5 x 95,15                | 45 kg                | O      |
| BV-GDZ 110              | 100 x 100                           | 113,5 x 115,15               | 50 kg                | S      |
| <b>Stainless steel</b>  |                                     | c x d                        | A x B                |        |
| BVE-GDZ 66              | 60 x 60                             | 73,5 x 75,15                 | 28 kg                | S      |
| BVE-GDZ 86              | 80 x 60                             | 93,5 x 75,15                 | 32 kg                | S      |
| BVE-GDZ 88              | 80 x 80                             | 93,5 x 95,15                 | 39 kg                | S      |
| BVE-GDZ 106             | 100 x 60                            | 113,5 x 75,15                | 39 kg                | O      |
| BVE-GDZ 108             | 100 x 80                            | 113,5 x 95,15                | 42 kg                | O      |
| BVE-GDZ 110             | 100 x 100                           | 113,5 x 115,15               | 50 kg                | S      |

**Cover depth** ≈ 5.0 cm

**Installation height** ≈ 8 cm

**Special sizes possible**

\*S = available from stock

\*O = to order

Number of gas struts

|       |           |   |
|-------|-----------|---|
| Size: | 60 x 60   | 1 |
| Size: | 80 x 60   | 2 |
| Size: | 80 x 80   | 2 |
| Size: | 100 x 100 | 2 |



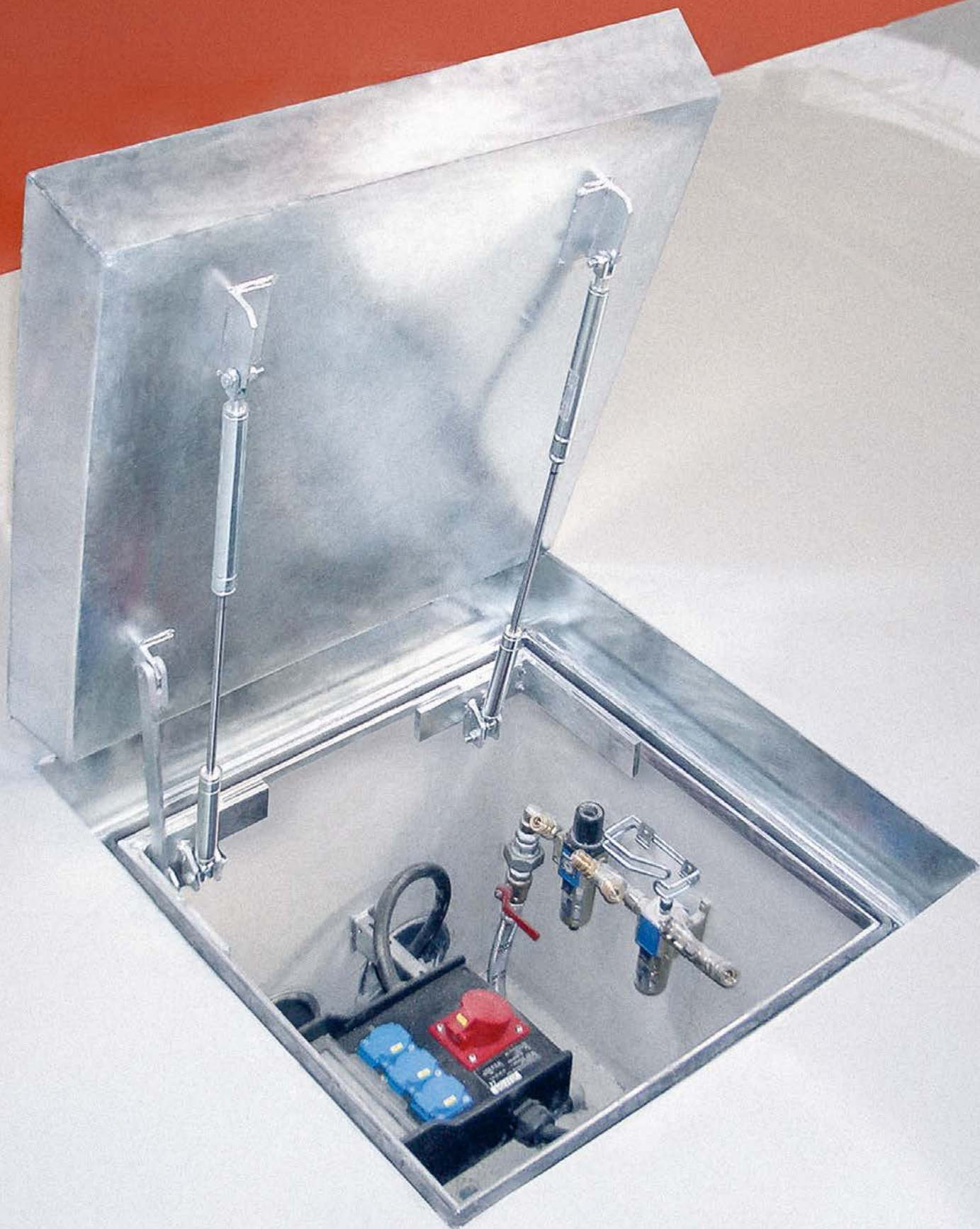
Gas lift-struts



BVE-GD for swimming pool



BVE-GD in family home



BVH-GD maxi in industrial building



**Load capacity:** 125 kN test load (EN 124) when filled with a min. 5 cm layer of grade C 35/45 concrete (EN 206)

**Material:** Frame and cover made of, hot-dip galvanized steel or stainless steel grade 304 (also available in grade 316 on request).

**Features:** Sealed cover with 10 cm deep recess. Virtually invisible when installed. EPDM seal. Robust steel mesh reinforcement, crosswise welded. Opening tool included.

**The Lift-Off opening system:** Every HAGODECK Type BVH-maxi steel cover comes with a set of lifting keys and clear installation instructions. **The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** Inside buildings and their surroundings. Especially for those installations where the cover is to be filled with concrete slabs, bricks, paviors etc.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

| Type                    | Clear dimensions of shaft<br>(= cm) | Outside dimensions<br>(= cm) | Weight empty approx. | S / Ø |
|-------------------------|-------------------------------------|------------------------------|----------------------|-------|
| <b>Galvanised steel</b> | c x d                               | A x B                        |                      |       |
| BVH maxi 33             | 30 x 30                             | 45,2 x 45,2                  | 15 kg                | O     |
| BVH maxi 44             | 40 x 40                             | 55,2 x 55,2                  | 18 kg                | S     |
| BVH maxi 55             | 50 x 50                             | 65,2 x 65,2                  | 22 kg                | S     |
| BVH maxi 64             | 60 x 40                             | 75,2 x 55,2                  | 22 kg                | O     |
| BVH maxi 66             | 60 x 60                             | 75,2 x 75,2                  | 27 kg                | S     |
| BVH maxi 77             | 70 x 70                             | 85,2 x 85,2                  | 33 kg                | S     |
| BVH maxi 86             | 80 x 60                             | 95,2 x 75,2                  | 32 kg                | S     |
| BVH maxi 88             | 80 x 80                             | 95,2 x 95,2                  | 38 kg                | S     |
| BVH maxi 106            | 100 x 60                            | 115,2 x 75,2                 | 37 kg                | S     |
| BVH maxi 108            | 100 x 80                            | 115,2 x 95,2                 | 44 kg                | O     |
| BVH maxi 110            | 100 x 100                           | 115,2 x 115,2                | 50 kg                | S     |
| <b>Stainless steel</b>  |                                     |                              |                      |       |
| BVEH maxi 33            | 30 x 30                             | 45,2 x 45,2                  | 14 kg                | O     |
| BVEH maxi 44            | 40 x 40                             | 55,2 x 55,2                  | 17 kg                | O     |
| BVEH maxi 55            | 50 x 50                             | 65,2 x 65,2                  | 21 kg                | O     |
| BVEH maxi 64            | 60 x 40                             | 75,2 x 55,2                  | 21 kg                | O     |
| BVEH maxi 66            | 60 x 60                             | 75,2 x 75,2                  | 25 kg                | S     |
| BVEH maxi 77            | 70 x 70                             | 85,2 x 85,2                  | 32 kg                | O     |
| BVEH maxi 86            | 80 x 60                             | 95,2 x 75,2                  | 30 kg                | O     |
| BVEH maxi 88            | 80 x 80                             | 95,2 x 95,2                  | 36 kg                | S     |
| BVEH maxi 106           | 100 x 60                            | 115,2 x 75,2                 | 36 kg                | O     |
| BVEH maxi 108           | 100 x 80                            | 115,2 x 95,2                 | 42 kg                | O     |
| BVEH maxi 110           | 100 x 100                           | 115,2 x 115,2                | 47 kg                | O     |

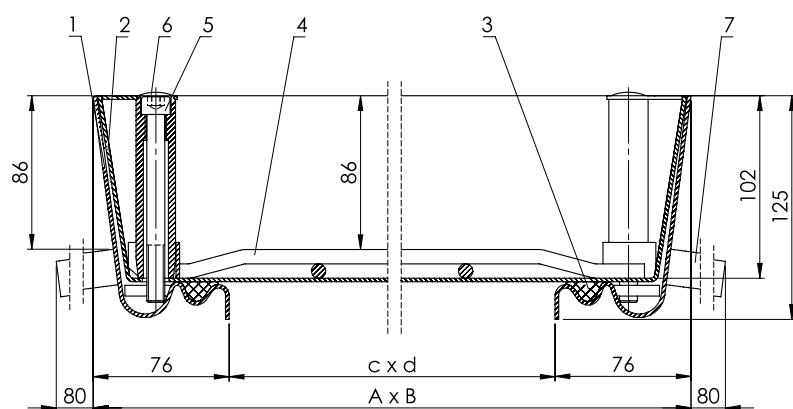
**Cover depth**  $\approx 10.2$  cm

**Installation height**  $\approx 12.5$  cm

**Special sizes possible**

\*S = available from stock

\*O = to order



- |   |       |   |               |   |        |
|---|-------|---|---------------|---|--------|
| 1 | Frame | 4 | Reinforcement | 7 | Anchor |
| 2 | Cover | 5 | Allen screw   |   |        |
| 3 | Seal  | 6 | Plastic cap   |   |        |



**Load capacity:** 125 kN test load (EN 124) when filled with a min. 5 cm layer of grade C 35/45 concrete (EN 206)

**Material:** Frame and cover made of, hot-dip galvanized steel or stainless steel grade 304 (also available in grade 316 on request).

**Features:** Comfort-lift access cover. Cover with 10 cm deep recess. With peripheral EPDM seal, smell proof and largely water-tight (not guaranteed to be completely water-tight). Opening tools included. Opening is assisted by the patented double-piston gas struts to such an extent that the cover can be opened and closed by one person. Safety device fitted to prevent the open cover from closing.

**Applications:** For installations which require access without particular effort. Especially for those installations where the cover is to be filled with concrete slabs, bricks, paving stones or paviers etc.

**Installation:** Please study the enclosed installation instructions carefully before installation and pay attention to our specifications. Care must be taken to seal the outer frame into the surrounding flooring.

**Important note:** For transport-related reasons, the gas struts are not installed. These should be installed after the cover and frame have been installed and filled (concrete must be set), in the open position in accordance with our installation instructions.

**Specification clause:** [www.hago.at](http://www.hago.at)

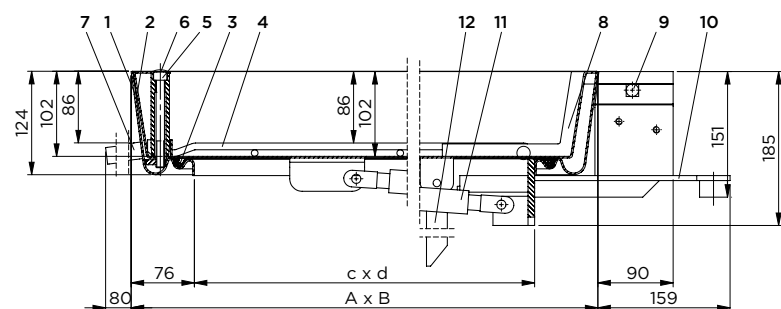


Double-piston gas struts



The **HAGO BVH-GD maxi** is fitted with patented, high-specification double-piston gas struts. (Piston 1: high lift capacity, piston 2: low lift capacity). The forces developed by these double-piston gas struts correspond to a kinked characteristic curve. This is closer to the actual force needed to move the cover. This system reduces the effort required when opening and closing. The comfort aspect is particularly useful in the case of heavy covers.

## BVH-GD maxi steel/BVEH-GD maxi stainless steel



- |                 |                 |                  |
|-----------------|-----------------|------------------|
| 1 Frame         | 5 Allen screw   | 10 Anchor        |
| 2 Cover         | 6 Plastic cap   | 11 Gas strut     |
| 3 Seal          | 7 Anchor        | 12 Safety device |
| 4 Reinforcement | 8 Reinforcement |                  |
|                 | 9 Hinge         |                  |

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b> |                                     |                              |                      |        |
| BVH-GD maxi 66          | 60 x 60                             | 75 x 75                      | 51 kg                | S      |
| BVH-GD maxi 86          | 80 x 60                             | 95 x 75                      | 57 kg                | O      |
| BVH-GD maxi 88          | 80 x 80                             | 95 x 95                      | 64 kg                | S      |
| BVH-GD maxi 106         | 100 x 60                            | 115 x 75                     | 63 kg                | O      |
| BVH-GD maxi 108         | 100 x 80                            | 115 x 95                     | 79 kg                | O      |
| BVH-GD maxi 110         | 100 x 100                           | 115 x 115                    | 85 kg                | O      |
| <b>Stainless steel</b>  |                                     |                              |                      |        |
| BVEH-GD maxi 66         | 60 x 60                             | 75 x 75                      | 48 kg                | O      |
| BVEH-GD maxi 86         | 80 x 60                             | 95 x 75                      | 54 kg                | O      |
| BVEH-GD maxi 88         | 80 x 80                             | 95 x 95                      | 60 kg                | O      |
| BVEH-GD maxi 106        | 100 x 60                            | 115 x 75                     | 59 kg                | O      |
| BVEH-GD maxi 108        | 100 x 80                            | 115 x 95                     | 74 kg                | O      |
| BVEH-GD maxi 110        | 100 x 100                           | 115 x 115                    | 80 kg                | O      |

Cover depth ≈ 10.2 cm

Installation height ≈ 12.5 cm

Special sizes possible

\*S = available from stock

\*O = to order



## BVHS-GD 400 steel galvanised BVEHS-GD 400 stainless steel



**BVHS-GD 400**  
open

**Load Capacity:** 400 kN test load (EN 124) when filled with a min. 5 cm layer of grade C35/45 concrete (EN 206).

**Material:** Frame and cover in 2 mm cold-formed precision steel profiles. Underside of cover reinforced with steel girder. The frame is reinforced with an additional frame. Hot-dip galvanised or stainless steel grade 304 (also available in grade 316 on request). High-load hinges. High-specification double-piston gas struts. EPDM seal. Robust steel mesh reinforcement.

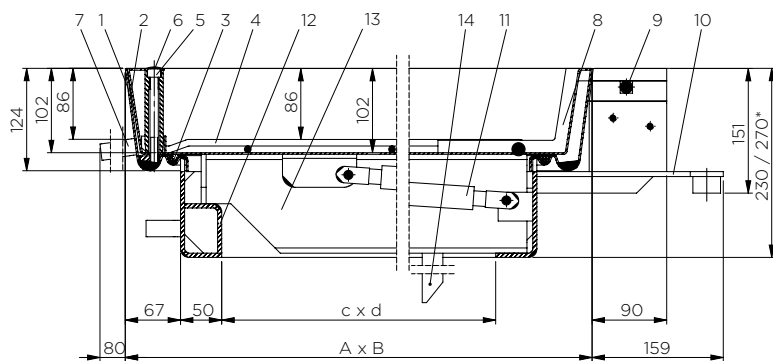
**Features:** Comfort-lift access cover. Cover with 10 cm deep recess. With peripheral EPDM seal, smell proof and largely water-tight (not guaranteed to be completely water-tight). Opening tools included. Opening is assisted by the patented double-piston gas struts to such an extent that the cover can be opened and closed by one person. Safety device fitted to prevent the open cover from closing. The access cover has a water drain nozzle. There is the option (if required) to connect a drain (pipe or hose). Thereby, water is directly routed out of the frame and the water tightness of the access cover is increased.

**Applications:** For use in vehicle traffic areas (e.g. fork lift) and areas surrounding buildings or for secondary traffic areas (pedestrian zones). For installations which require access without particular effort. Especially for those installations where the cover is to be filled with concrete slabs, bricks, paving stones or paviors etc.

**Installation:** Please study the enclosed installation instructions carefully before installation and pay attention to our specifications. Care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

### BVHS-GD 400 steel galvanised/BVEHS-GD 400 stainless steel



- |                 |                 |                                    |
|-----------------|-----------------|------------------------------------|
| 1 Frame         | 6 Plastic cap   | 11 Gas strut                       |
| 2 Cover         | 7 Anchor        | 12 Frame reinforcement (sub-frame) |
| 3 Seal          | 8 Reinforcement | 13 Cover reinforcement             |
| 4 Reinforcement | 9 Hinge         | 14 Safety device                   |
| 5 Allen screw   | 10 Anchor       |                                    |

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b> |                                     |                              |                      |        |
| BVHS-GD 400/66          | 60 x 60                             | 75,2 x 83,8                  | 90 kg                | O      |
| BVHS-GD 400/86          | 80 x 60                             | 95,2 x 83,8                  | 115 kg               | O      |
| BVHS-GD 400/88          | 80 x 80                             | 95,2 x 103,8                 | 133 kg               | S      |
| BVHS-GD 400/106         | 100 x 60                            | 115,2 x 83,8                 | 122 kg               | O      |
| BVHS-GD 400/110         | 100 x 100                           | 115,2 x 123,8                | 209 kg               | O      |
| <b>Stainless steel</b>  |                                     |                              |                      |        |
| BVEHS-GD 400/66         | 60 x 60                             | 75,2 x 83,8                  | 87 kg                | O      |
| BVEHS-GD 400/86         | 80 x 60                             | 95,2 x 83,8                  | 112 kg               | O      |
| BVEHS-GD 400/88         | 80 x 80                             | 95,2 x 103,8                 | 132 kg               | O      |
| BVEHS-GD 400/106        | 100 x 60                            | 115,2 x 83,8                 | 115 kg               | O      |
| BVEHS-GD 400/110        | 100 x 100                           | 115,2 x 123,8                | 197 kg               | O      |

**Installation depth:** 10,2 cm

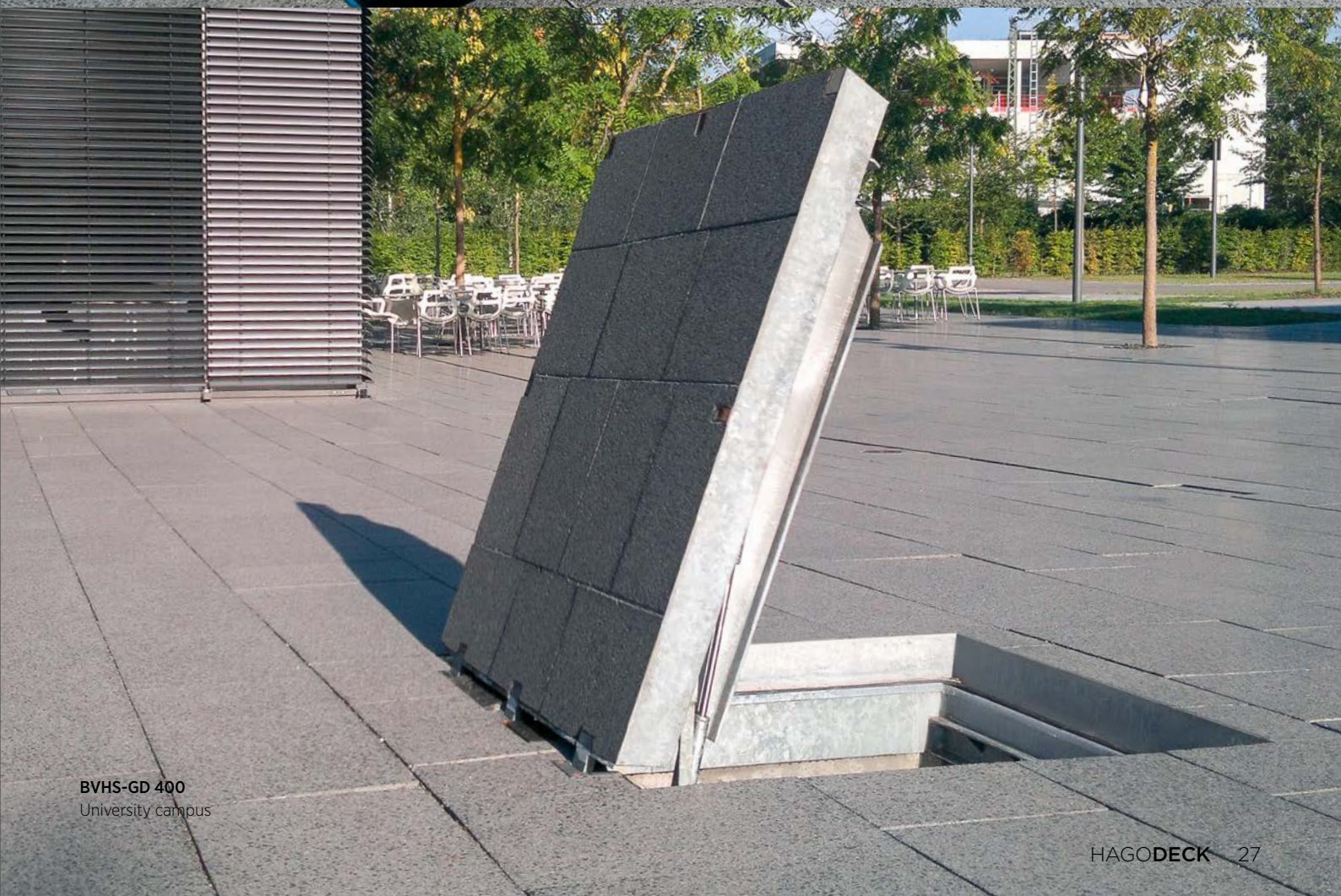
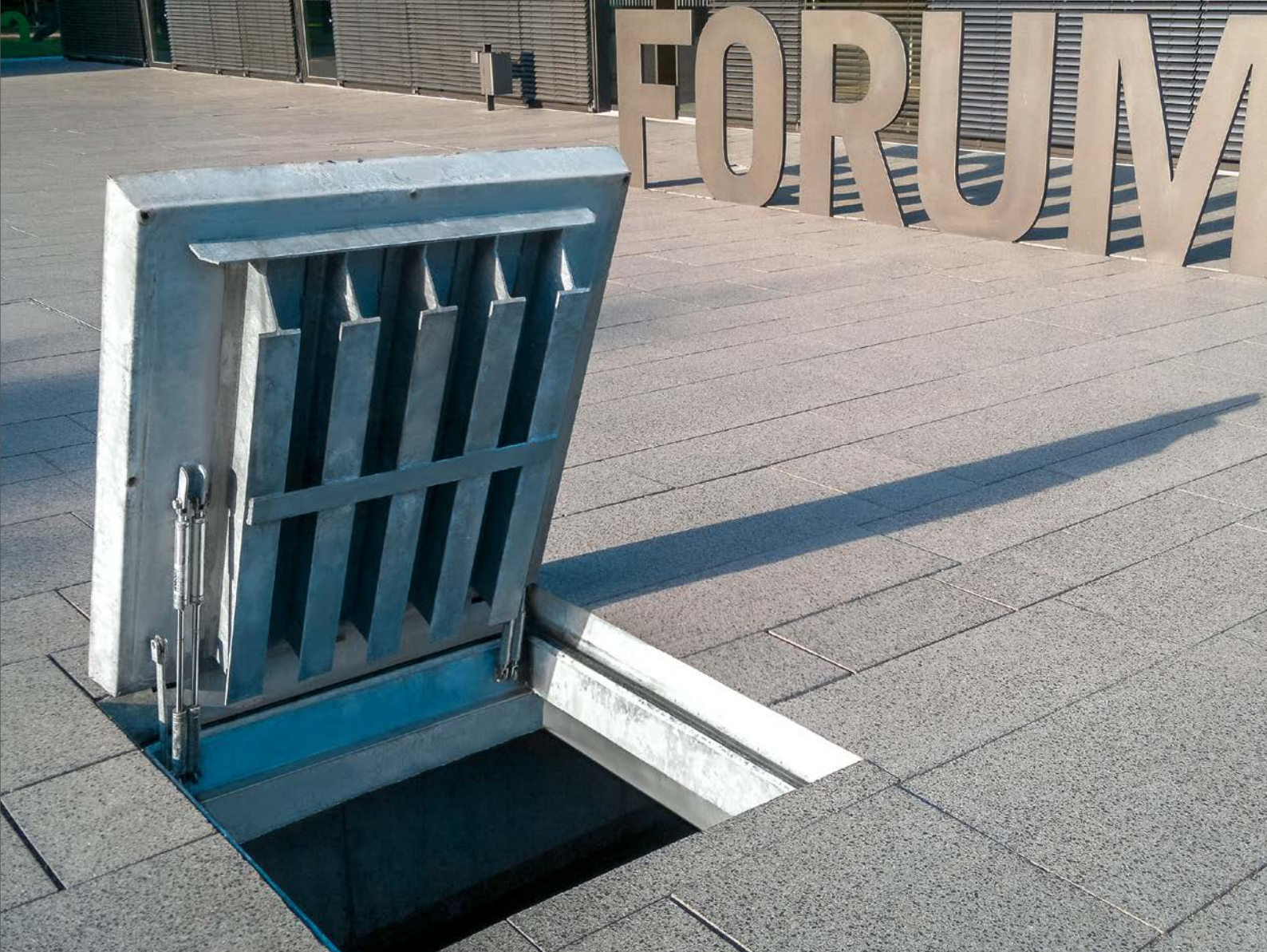
**free height:** BVHS 400/88 approx. 23cm

BVHS 400/110 approx 27cm

**Special sizes possible**

\*S = article available from stock

\*O = article is manufactured on request



BVHS-GD 400  
University campus

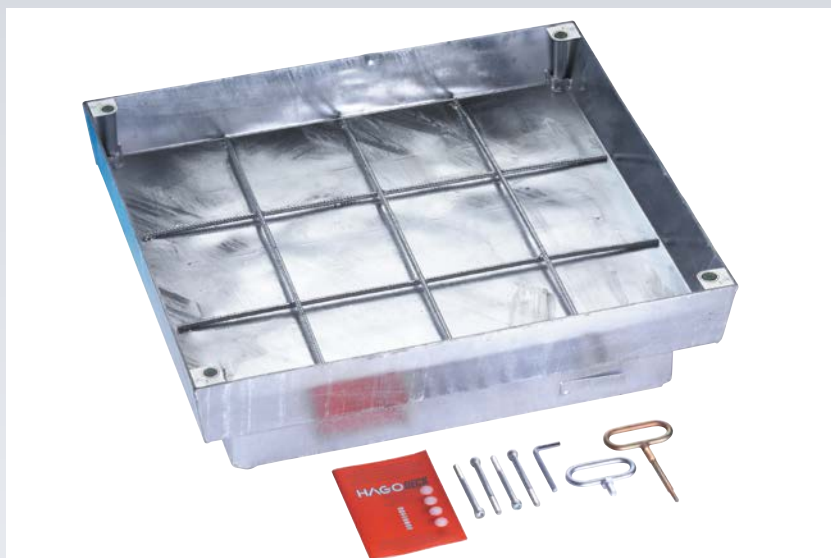


BVEHS 250 steel,  
front square



## BVHS 250 steel BVEHS 250 stainless steel

deep recess cover for forklift operation or paving stone filling – odor and waterproof



### BVHS-250

The bottom of the cover is reinforced with IPE-beam section and flat steel

**Load capacity:** 250 kN test load (EN 124) when filled with a min. 5 cm concrete.

**Material:** Frame and cover made of, hot-dip galvanized steel or or stainless steel grade 304 (also available in grade 316 on request).

**Features:** Heavy-duty sealed cover with 10 cm deep recess. Underside of cover reinforced with steel girders.

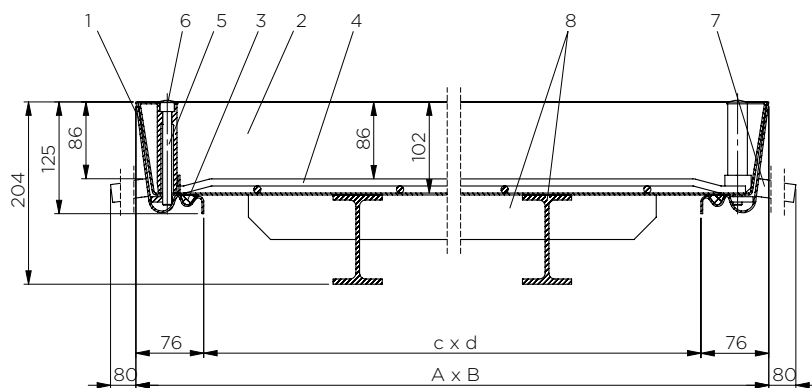
**The Lift-Off opening system:** Every HAGODECK Type BVHS cover comes with a set of lifting keys and precise installation instructions. **The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** For use in vehicle traffic areas in industrial buildings and areas surrounding buildings or for secondary traffic areas (pedestrian zones). Especially for those installations where the cover is to be filled with concrete slabs, bricks, paviors etc.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

### BVHS 250 steel/BVEHS 250 stainless steel



- |         |                 |                 |
|---------|-----------------|-----------------|
| 1 Frame | 4 Reinforcement | 7 Anchor        |
| 2 Cover | 5 Allen screw   | 8 Reinforcement |
| 3 Seal  | 6 Plastic cap   |                 |

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty<br>approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|-------------------------|--------|
| <b>Galvanised steel</b> |                                     |                              |                         |        |
| BVHS 250/44             | 40 x 40                             | 55,2 x 55,2                  | 26 kg                   | S      |
| BVHS 250/55             | 50 x 50                             | 65,2 x 65,2                  | 33 kg                   | S      |
| BVHS 250/64             | 60 x 40                             | 75,2 x 55,2                  | 31 kg                   | O      |
| BVHS 250/66             | 60 x 60                             | 75,2 x 75,2                  | 39 kg                   | S      |
| BVHS 250/86             | 80 x 60                             | 95,2 x 95,2                  | 50 kg                   | O      |
| BVHS 250/88             | 80 x 80                             | 95,2 x 95,2                  | 61 kg                   | S      |
| BVHS 250/106            | 100 x 60                            | 115,2 x 75,2                 | 61 kg                   | O      |
| BVHS 250/108            | 100 x 80                            | 115,2 x 95,2                 | 74 kg                   | O      |
| BVHS 250/110            | 100 x 100                           | 115,2 x 115,2                | 85 kg                   | O      |
| <b>Stainless steel</b>  |                                     |                              |                         |        |
| BVEHS 250/44            | 40 x 40                             | 55,2 x 55,2                  | 25 kg                   | O      |
| BVEHS 250/55            | 50 x 50                             | 65,2 x 65,2                  | 32 kg                   | O      |
| BVEHS 250/64            | 60 x 40                             | 75,2 x 55,2                  | 30 kg                   | O      |
| BVEHS 250/66            | 60 x 60                             | 75,2 x 75,2                  | 38 kg                   | O      |
| BVEHS 250/86            | 80 x 60                             | 95,2 x 95,2                  | 49 kg                   | O      |
| BVEHS 250/88            | 80 x 80                             | 95,2 x 95,2                  | 61 kg                   | O      |
| BVEHS 250/106           | 100 x 60                            | 115,2 x 75,2                 | 61 kg                   | O      |
| BVEHS 250/108           | 100 x 80                            | 115,2 x 95,2                 | 74 kg                   | O      |
| BVEHS 250/110           | 100 x 100                           | 115,2 x 115,2                | 88 kg                   | O      |

Cover depth ≈ 10.2 cm,

Installation height ≈ 12.5 cm

Steel girders penetrate ≈ 10 cm into the shaft

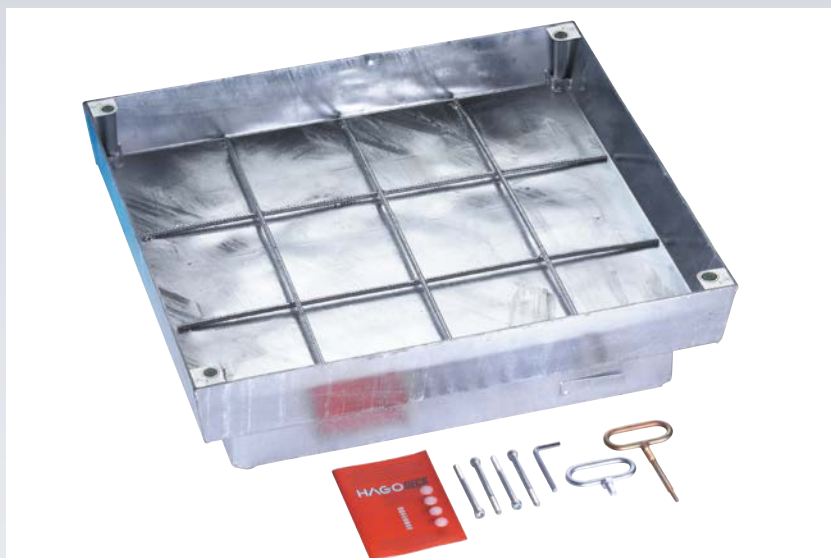
Special sizes possible

\*S = available from stock \*O = to order



## BVHS 400 steel BVEHS 400 stainless steel

deep recess cover for forklift operation or paving stone filling – odor and waterproof



**Load capacity:** 400 kN test load (EN 124) when filled with a min. 5 cm concrete.

**Material:** Frame and cover made of, hot-dip galvanized steel or or stainless steel grade 304 (also available in grade 316 on request).

**Features:** Heavy-duty sealed cover with 10 cm deep recess. Underside of cover reinforced with steel girders. In Type BVHS 400, the frame is reinforced with an additional frame. EPDM seal. Robust steel mesh reinforcement.

**The Lift-Off opening system:** Every HAGODECK Type BVHS cover comes with a set of lifting keys and precise installation instructions. **The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** For use in vehicle traffic areas in industrial buildings (e.g. forklift traffic) and areas surrounding buildings or for secondary traffic areas (pedestrian zones). Especially for those installations where the cover is to be filled with concreteslabs, bricks, paviors etc.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

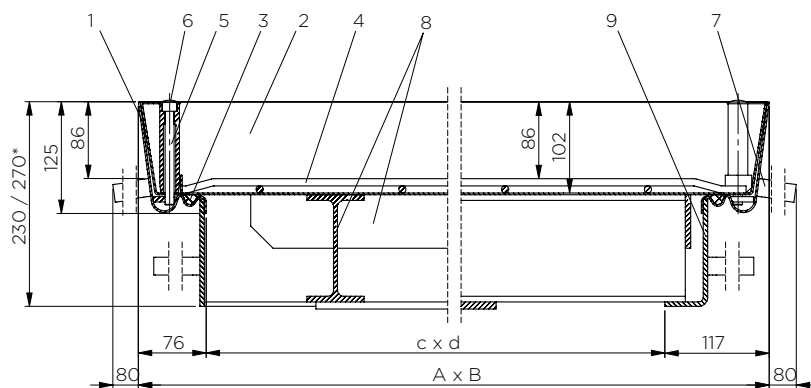
**Specification clause:** [www.hago.at](http://www.hago.at)



### BVHS-400

Bottom with additional frame, reinforced with IPE-beam section and flat steel

### BVHS 400 steel/BVEHS 400 stainless steel



- |                 |                 |                                          |
|-----------------|-----------------|------------------------------------------|
| 1 Frame         | 5 Allen screw   | 9 Reinforcing frame (only with BVHS 400) |
| 2 Cover         | 6 Plastic cap   |                                          |
| 3 Seal          | 7 Anchor        |                                          |
| 4 Reinforcement | 8 Reinforcement |                                          |

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b> |                                     |                              |                      |        |
| BVHS 400/44             | 40 x 40                             | 55,2 x 63,2                  | 49 kg                | S      |
| BVHS 400/55             | 50 x 50                             | 65,2 x 73,2                  | 60 kg                | S      |
| BVHS 400/64             | 60 x 40                             | 75,2 x 63,2                  | 57 kg                | O      |
| BVHS 400/66             | 60 x 60                             | 75,2 x 83,2                  | 69 kg                | S      |
| BVHS 400/86             | 80 x 60                             | 95,2 x 83,2                  | 95 kg                | O      |
| BVHS 400/88             | 80 x 80                             | 95,2 x 103,2                 | 115 kg               | S      |
| BVHS 400/106            | 100 x 60                            | 115,2 x 83,2                 | 113 kg               | O      |
| BVHS 400/108            | 100 x 80                            | 115,2 x 103,2                | 150 kg               | O      |
| BVHS 400/110            | 100 x 100                           | 115,2 x 123,2                | 188 kg               | O      |
| <b>Stainless steel</b>  |                                     |                              |                      |        |
| BVEHS 400/44            | 40 x 40                             | 55,2 x 63,2                  | 48 kg                | O      |
| BVEHS 400/55            | 50 x 50                             | 65,2 x 73,2                  | 58 kg                | O      |
| BVEHS 400/64            | 60 x 40                             | 75,2 x 63,2                  | 56 kg                | O      |
| BVEHS 400/66            | 60 x 60                             | 75,2 x 83,2                  | 69 kg                | O      |
| BVEHS 400/86            | 80 x 60                             | 95,2 x 83,2                  | 94 kg                | O      |
| BVEHS 400/88            | 80 x 80                             | 95,2 x 103,2                 | 113 kg               | O      |
| BVEHS 400/106           | 100 x 60                            | 115,2 x 83,2                 | 143 kg               | O      |
| BVEHS 400/108           | 100 x 80                            | 115,2 x 103,2                | 155 kg               | O      |
| BVEHS 400/110           | 100 x 100                           | 115,2 x 123,2                | 188 kg               | O      |

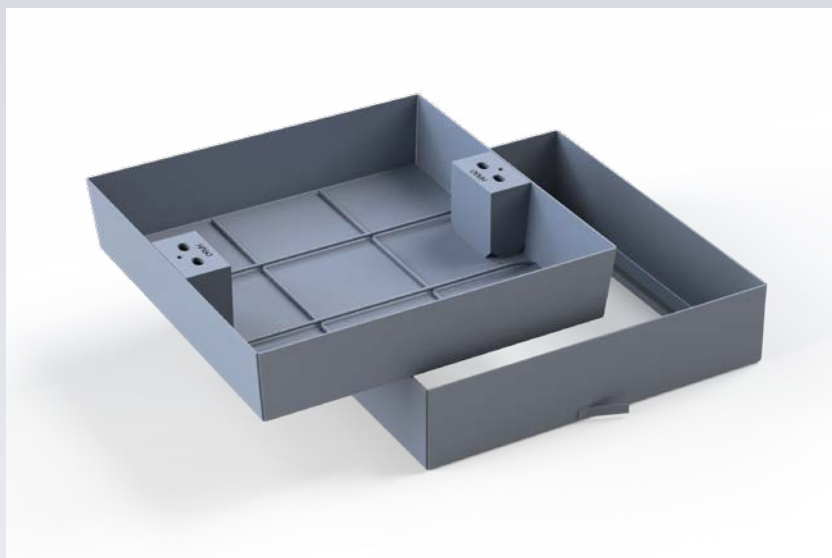
**Cover depth** ≈ 10.2 cm

**Installation heights:** up to BVHS 400/ 88 ≈ 23 cm

BVHS 400/110 ≈ 27 cm

**Special sizes possible**

\*S = available from stock \*O = to order



**Load capacity:** 125 kN test load EN 124 at min. 5 cm concrete grade C35/45 (EN 206)

**Material:** Frame and cover made of

**BVXH:** Frame and cover made of sheet steel. Hot-dip galvanized. Good chemical resistant special gasket.

**BVEXH:** Frame and cover made of stainless steel grade 304 or on request grade 316. After welding full bath pickling. Good chemical resistant special sealing

**Features:** Extra deep recess design. Ideal access cover for the building forecourt area. In the **150 mm deep recess cover** paving stones up to 100 mm in height can be fit. Thanks to EPDM sealing the cover is odor-proof and largely watertight.

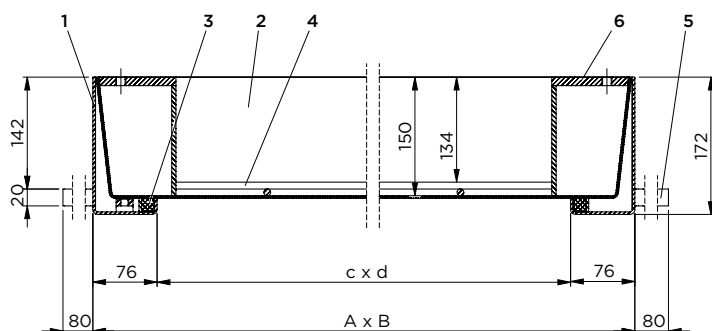
**Lifting plates:** The lift-out plates are fitted with 2 slot holes (for common lifting tools, not included in delivery ) and a thread for the HAGOLifter (lifting device).

**Application:** Access cover built for use at building forecourt for **up to 100 mm high** paving stones, concrete blocks etc.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

BVXH steel/BVEXH stainless steel



1 Frame  
2 Cover

3 Seal  
4 Reinforcement

5 Anchor  
6 Lifting plate

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b> |                                     | A x B                        |                      |        |
| BVXH 66                 | 60 x 60                             | 75,2 x 75,2                  | 48 kg                | O      |
| BVXH 88                 | 80 x 80                             | 95,2 x 95,2                  | 65 kg                | O      |
| BVXH 110                | 100 x 100                           | 115,2 x 115,2                | 84 kg                | O      |
| <b>Stainless steel</b>  |                                     |                              |                      |        |
| BVEXH 66                | 60 x 60                             | 75,2 x 75,2                  | 48 kg                | O      |
| BVEXH 88                | 80 x 80                             | 95,2 x 95,2                  | 65 kg                | O      |
| BVEXH 110               | 100 x 100                           | 115,2 x 115,2                | 84 kg                | O      |

Special sizes possible

Special heights (recess depths) possible

\*S = available from stock

\*O = to order



BVXHS 250

**Load capacity:** 250 kN test load EN 124 at min. 5 cm concrete grade C35/45 (EN 206)

**Material:** Frame and cover made of

**BVXHS 250:** Frame and cover made of sheet steel. Hot-dip galvanized. Good chemical resistant special gasket.

**BVEXHS 250:** Frame and cover made of stainless steel grade 304 or on request grade 316. After welding full bath pickling. Good chemical resistant special sealing

**Features:** Extra deep recess design. Ideal access cover for truck accessible areas in the building forecourt. In the **150 mm deep recess cover** paving stones up to 100 mm in height can be fit. HAGODECK types BVXHS 250 and BVEXHS 250 convince by high load capacity and stable construction. Thanks to EPDM seal the cover is odor-proof and largely watertight.

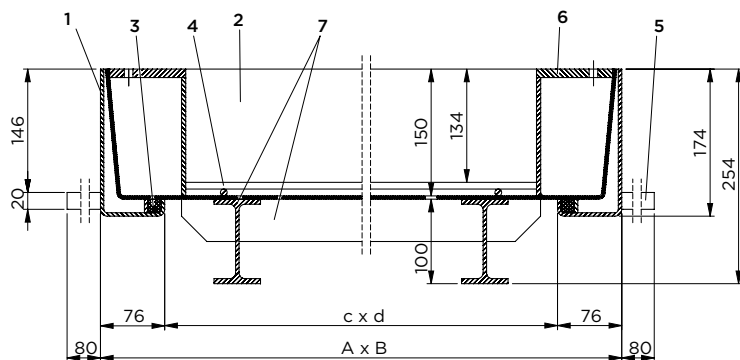
**Lifting plates:** The lift-out plates are fitted with 2 slot holes (for common lifting tools, not included in delivery ) and a thread for the HAGOlifter (lifting device).

**Applications:** As truck accessible access cover in warehouses and building forecourt areas. For paving stones **up to 100 mm high**, concrete blocks etc.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

BVXHS 250 steel/BVEXHS 250 stainless steel



- |         |                 |                 |
|---------|-----------------|-----------------|
| 1 Frame | 4 Reinforcement | 7 Reinforcement |
| 2 Cover | 5 Anchor        |                 |
| 3 Seal  | 6 Lifting plate |                 |

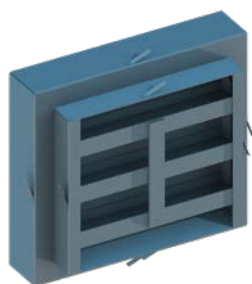
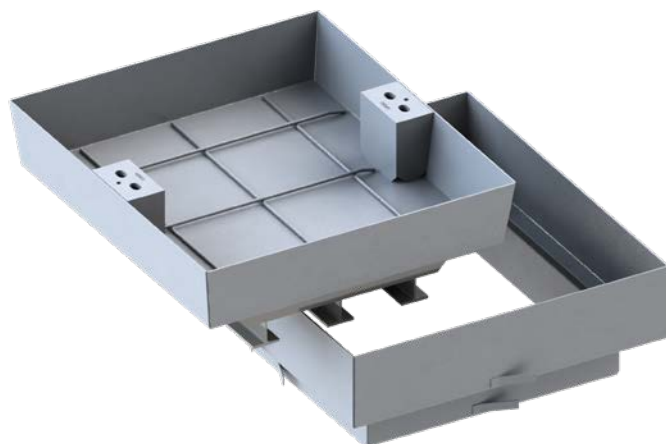
| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b> |                                     |                              |                      |        |
| BVXHS 250 66            | 60 x 60                             | 75,2 x 75,2                  | 72 kg                | O      |
| BVXHS 250 88            | 80 x 80                             | 95,2 x 95,2                  | 101 kg               | O      |
| BVXHS 250 110           | 100 x 100                           | 115,2 x 115,2                | 140 kg               | O      |
| <b>Stainless steel</b>  |                                     |                              |                      |        |
| BVEXHS 250 66           | 60 x 60                             | 75,2 x 75,2                  | 72 kg                | O      |
| BVEXHS 250 88           | 80 x 80                             | 95,2 x 95,2                  | 101 kg               | O      |
| BVEXHS 250 110          | 100 x 100                           | 115,2 x 115,2                | 140 kg               | O      |

Special sizes possible

Special cover depth possible

\*S = available from stock

\*O = to order



BVXHS 400

**Belastung:** Load capacity: 400 kN test load EN 124 at min. 5 cm concrete grade C35/45 (EN 206)

**Material:** Frame and cover made of

**BVXHS 400:** Frame and cover made of sheet steel. Hot-dip galvanized. Good chemical resistant special gasket.

**BVEXHS 400:** Frame and cover made of stainless steel grade 304 or on request grade 316. After welding full bath pickling. Good chemical resistant special sealing

**Features:** Extra deep recess design. Ideal access cover for truck accessible areas in the building forecourt. In the **150 mm deep recess cover** paving stones up to 100 mm in height can be fit. HAGODECK types BVXHS 250 and BVEXHS 250 convince by high load capacity and stable construction. Thanks to EPDM seal the cover is odor-proof and largely watertight.

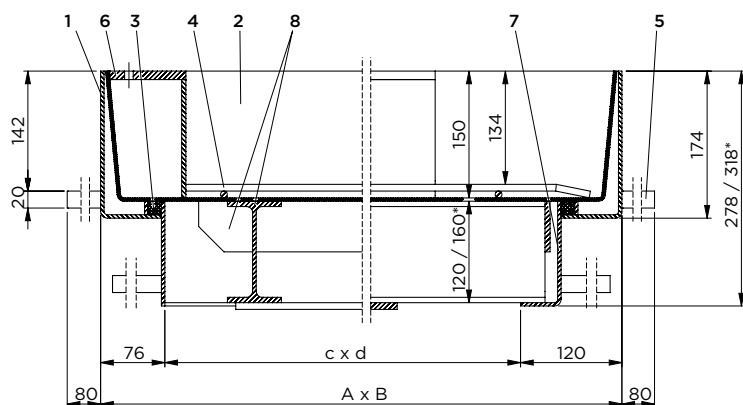
**Lifting plates:** The lift-out plates are fitted with 2 slot holes (for common lifting tools, not included in delivery ) and a thread for the HAGOlifter (lifting device).

**Applications:** As truck accessible access cover in warehouses and building forecourt areas. For paving stones **up to 100 mm high**, concrete blocks etc.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

BVXHS 400 steel/BVEXHS 400 stainless steel



- |         |                 |                       |
|---------|-----------------|-----------------------|
| 1 Frame | 4 Reinforcement | 7 reinforcement frame |
| 2 Cover | 5 Anchor        | 8 reinforcement       |
| 3 Seal  | 6 Lifting plate |                       |

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b> |                                     |                              |                      |        |
| BVXHS 400 66            | 60 x 60                             | 76 x 84                      | 100 kg               | O      |
| BVXHS 400 88            | 80 x 80                             | 96 x 104                     | 151 kg               | O      |
| BVXHS 400 110           | 100 x 100                           | 116 x 124                    | 178 kg               | O      |
| <b>Stainless steel</b>  |                                     |                              |                      |        |
| BVEXHS 400 66           | 60 x 60                             | 76 x 84                      | 100 kg               | O      |
| BVEXHS 400 88           | 80 x 80                             | 96 x 104                     | 151 kg               | O      |
| BVEXHS 400 110          | 100 x 100                           | 116 x 124                    | 178 kg               | O      |

Special sizes possible

Special cover depth possible

\*S = available from stock

\*O = to order



**Type RV steel: Load capacity:** 15 kN test load EN 124.

**Material:** Frame made of 2 mm cold formed precision steel profiles. Hot dip galvanised. Durbar-plate cover.

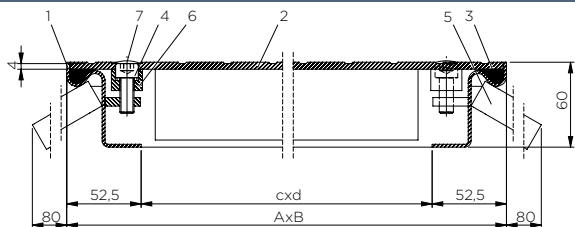
**Features:** Odor and waterproof and flat design. Good chemical resistant special seal. Opening tool included.

**Applications:** For pedestrian use covers inside building and their surrounding area, in particular for inspection chambers.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

#### RV steel



- 1 Frame
- 2 Durbar-plate cover
- 3 Seal
- 4 Allen screw
- 5 Anchor
- 6 Socket
- 7 Plastic cap

| Type   | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight approx. | S / O* |
|--------|-------------------------------------|------------------------------|----------------|--------|
|        | c x d                               | A x B                        |                |        |
| RV 55  | 50 x 50                             | 60,5 x 60,5                  | 23 kg          | S      |
| RV 64  | 60 x 40                             | 70,5 x 50,5                  | 22 kg          | S      |
| RV 66  | 60 x 60                             | 70,5 x 70,5                  | 29 kg          | S      |
| RV 86  | 80 x 60                             | 90,5 x 70,5                  | 37 kg          | S      |
| RV 88  | 80 x 80                             | 90,5 x 90,5                  | 45 kg          | S      |
| RV 106 | 100 x 60                            | 110,5 x 70,5                 | 44 kg          | S      |
| RV 108 | 100 x 80                            | 110,5 x 90,5                 | 55 kg          | O      |
| RV 110 | 100 x 100                           | 110,5 x 110,5                | 66 kg          | S      |

Installation height ≈ 6 cm **Special sizes possible**

\*S = available from stock \*O = to order

**Type RVE stainless steel: Load capacity:** 15 kN test load EN 124.

**Material:** Frame, plate and reinforcement in grade 304 stainless steel (on request also available in grade 316 stainless steel).

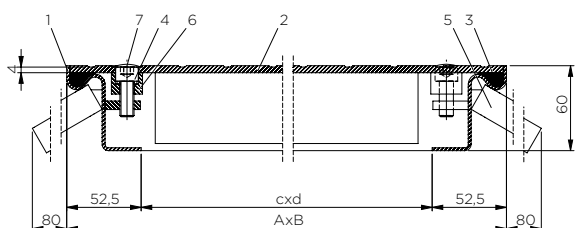
**Features:** Odor and waterproof and flat design. Good chemical resistant special seal. Opening tool included.

**Applications:** For pedestrian use covers inside building and their surrounding area, in particular for inspection chambers where absolut corrosion-resistance is of great advantage.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

#### RVE stainless steel



- 1 Frame
- 2 Durbar-plate cover
- 3 Seal
- 4 Allen screw
- 5 Anchor
- 6 Socket
- 7 Plastic cap

| Type    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight approx. | S / O* |
|---------|-------------------------------------|------------------------------|----------------|--------|
|         | c x d                               | A x B                        |                |        |
| RVE 22  | 20 x 20                             | 30,5 x 30,5                  | 7 kg           | S      |
| RVE 33  | 30 x 30                             | 40,5 x 40,5                  | 10 kg          | S      |
| RVE 44  | 40 x 40                             | 50,5 x 50,5                  | 16 kg          | S      |
| RVE 55  | 50 x 50                             | 60,5 x 60,5                  | 21 kg          | S      |
| RVE 64  | 60 x 40                             | 70,5 x 50,5                  | 21 kg          | S      |
| RVE 66  | 60 x 60                             | 70,5 x 70,5                  | 28 kg          | S      |
| RVE 86  | 80 x 60                             | 90,5 x 70,5                  | 35 kg          | S      |
| RVE 88  | 80 x 80                             | 90,5 x 90,5                  | 43 kg          | S      |
| RVE 106 | 100 x 60                            | 110,5 x 70,5                 | 41 kg          | S      |
| RVE 108 | 100 x 80                            | 110,5 x 90,5                 | 51 kg          | O      |
| RVE 110 | 100 x 100                           | 110,5 x 110,5                | 62 kg          | S      |

Installation height ≈ 6 cm **Special sizes possible**

Specification clause: [hago.at](http://hago.at)



**Load capacity:** 125 kN, 250 kN or 400 kN test load according to EN 124

**Material: RVS:** Frame made of hot-dip galvanized steel. Durbar-plate cover 6 mm (125 kN and 250 kN) or 8 mm (400 kN) and reinforced underside. Good chemical resistance special seal.

**RVES:** Frame, Durbar-plate and reinforcement made of stainless steel grade (SS 304) on request also available in grade (SS 316). Good chemical resistant special seal

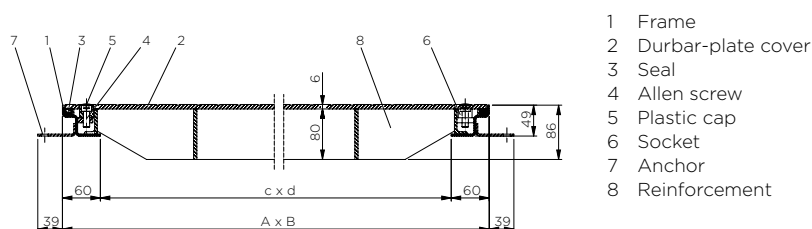
**Features: RVS or RVES in heavy-duty design:** Durbar-plate cover with high load-bearing capacity. The ideal solution for secondary traffic areas with car or truck traffic and factory halls. Due to the EPDM seal, the cover is largely odor and waterproof. Installation instructions and removal key are included.

**Application:** For use in vehicle traffic areas in industrial buildings and secondary traffic solutions.

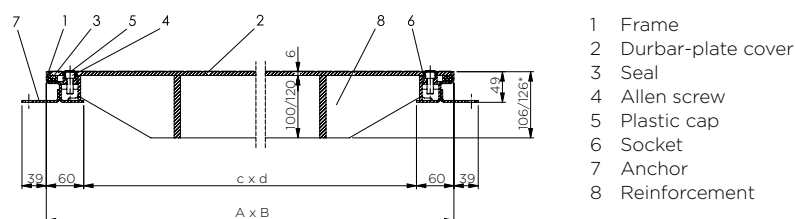
**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

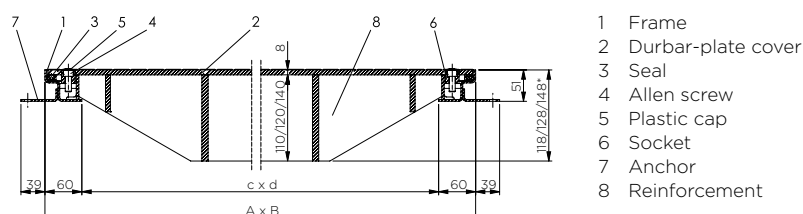
## RVS 125



## RVS 250



## RVS 400



| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------|--------|
| <b>Galvanised steel</b> | c x d                               | A x B                        |                |        |
| RVS 125 / 66            | 60 x 60                             | 72 x 72                      | 43 kg          | O      |
| RVS 125 / 88            | 80 x 80                             | 92 x 92                      | 70 kg          | O      |
| RVS 125 / 110           | 100 x 100                           | 112 x 112                    | 106 kg         | O      |
| <b>Stainless steel</b>  |                                     |                              |                |        |
| RVES 125 / 66           | 60 x 60                             | 72 x 72                      | 43 kg          | O      |
| RVES 125 / 88           | 80 x 80                             | 92 x 92                      | 70 kg          | O      |
| RVES 125 / 110          | 100 x 100                           | 112 x 112                    | 106 kg         | O      |

Special sizes possible

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------|--------|
| <b>Galvanised steel</b> | c x d                               | A x B                        |                |        |
| RVS 250 / 66            | 60 x 60                             | 72 x 72                      | 49 kg          | O      |
| RVS 250 / 88            | 80 x 80                             | 92 x 92                      | 78 kg          | O      |
| RVS 250 / 110           | 100 x 100                           | 112 x 112                    | 124 kg         | O      |
| <b>Stainless steel</b>  |                                     |                              |                |        |
| RVES 250 / 66           | 60 x 60                             | 72 x 72                      | 49 kg          | O      |
| RVES 250 / 88           | 80 x 80                             | 92 x 92                      | 78 kg          | O      |
| RVES 250 / 110          | 100 x 100                           | 112 x 112                    | 124 kg         | O      |

Special sizes possible

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------|--------|
| <b>Galvanised steel</b> | c x d                               | A x B                        |                |        |
| RVS 400 / 66            | 60 x 60                             | 72 x 72                      | 68 kg          | O      |
| RVS 400 / 88            | 80 x 80                             | 92 x 92                      | 107 kg         | O      |
| RVS 400 / 110           | 100 x 100                           | 112 x 112                    | 155 kg         | O      |
| <b>Stainless steel</b>  |                                     |                              |                |        |
| RVES 400 / 66           | 60 x 60                             | 72 x 72                      | 68 kg          | O      |
| RVES 400 / 88           | 80 x 80                             | 92 x 92                      | 107 kg         | O      |
| RVES 400 / 110          | 100 x 100                           | 112 x 112                    | 155 kg         | O      |

Special sizes possible

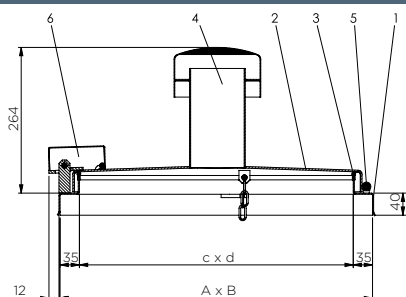


### Type BR-D steel:

**Material:** Steel-plate cover, frame made of cold formed sections. Hot-dip galvanised. With hinge. Cover can be removed from the open position. Covered hasp locking device (padlock not included). Ventilation pipe (Ø 10 cm) fitted with cowl and insect-excluding mesh. Sealed with hollow chamber seal.

**Applications:** For individual wells, spring water catchments, high-level tanks etc.

### BR-D steel



- 1 Frame
- 2 Cover
- 3 Seal
- 4 Ventilation tube with cowl and insect-excluding mesh
- 5 Hinge
- 6 Hasp locking device for padlock with protective cover

| Type    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight approx. | S / O* |
|---------|-------------------------------------|------------------------------|----------------|--------|
|         | c x d                               | A x B                        |                |        |
| BR-D 55 | 49,5 x 49,5                         | 56,5 x 56,5                  | 15 kg          | S      |
| BR-D 66 | 59,5 x 59,5                         | 66,5 x 66,5                  | 18 kg          | S      |
| BR-D 88 | 79,5 x 79,5                         | 86,5 x 86,5                  | 21 kg          | S      |

**Total height including ventilation cylinder ≈ 30 cm.**

\*S = available from stock

\*O = to order

## RG steel

Solid-top, non sealed covers



### Type RG steel:

**Load capacity:** pedestrian

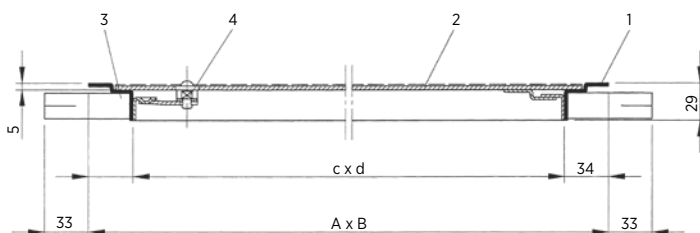
**Material:** Frame fabricated from rolled sections, durbar-plate cover. Hot dip galvanised.

**Features:** Simple durbar-plate pedestrian area cover with recessed fastener. Non-sealed cover. Lifting key included.

**Applications:** For simple covers used subordinatedly.

**Specification clause:** [www.hago.at](http://www.hago.at)

### RG steel



- 1 Frame
- 2 Cover
- 3 Anchor
- 4 Recessed fastener

| Type   | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight approx. | S / O* |
|--------|-------------------------------------|------------------------------|----------------|--------|
|        | c x d                               | A x B                        |                |        |
| RG 33  | 27,3 x 27,3                         | 34 x 34                      | 4 kg           | S      |
| RG 44  | 37,3 x 37,3                         | 44 x 44                      | 6 kg           | S      |
| RG 55  | 47,3 x 47,3                         | 54 x 54                      | 9 kg           | S      |
| RG 64  | 57,3 x 37,3                         | 64 x 44                      | 8 kg           | S      |
| RG 66  | 57,3 x 57,3                         | 64 x 64                      | 12 kg          | S      |
| RG 88  | 77,3 x 77,3                         | 84 x 84                      | 20 kg          | S      |
| RG 106 | 97,3 x 57,3                         | 104 x 64                     | 20 kg          | S      |

**Installation height ≈ 3 cm**

\*S = available from stock

\*O = to order



**Load capacity:** 15 kN test load EN 124.

**Material:** Frame made of aluminium extruded sections. Cover made of 3,0/4,5 mm aluminium chequerplate. Aluminium reinforcement to the underside. Stainless steel screws.

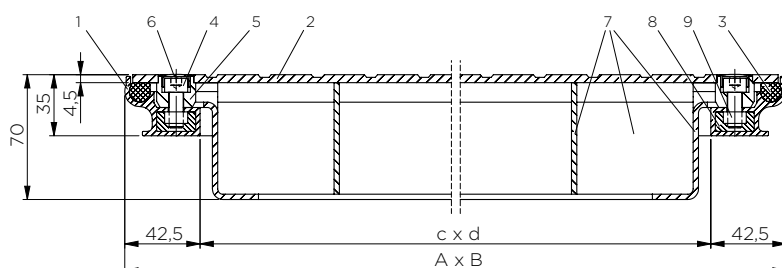
**Features:** Odor and waterproof design. Good chemical resistant special seal. Absolutely rustproof. Low weight. Opening tool included.

**Applications:** For pedestrian use inside buildings and their surroundings, particularly where corrosion-resistance and/or low weight are of great advantage.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

### RVA Alu



- |                                 |                                    |                                |
|---------------------------------|------------------------------------|--------------------------------|
| 1 Frame                         | 5 Socket                           | 9 Square nut (stainless steel) |
| 2 Plate cover                   | 6 Plastic cap                      |                                |
| 3 Seal                          | 7 Cover reinforcement              |                                |
| 4 Allen screw (stainless steel) | 8 Injection-moulded part (plastic) |                                |

| Type    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight approx. | S / O* |
|---------|-------------------------------------|------------------------------|----------------|--------|
|         | c x d                               | A x B                        |                |        |
| RVA 22  | 20 x 20                             | 28,5 x 28,5                  | 2 kg           | S      |
| RVA 33  | 30 x 30                             | 38,5 x 38,5                  | 3 kg           | S      |
| RVA 44  | 40 x 40                             | 48,5 x 48,5                  | 4 kg           | S      |
| RVA 55  | 50 x 50                             | 58,5 x 58,5                  | 5 kg           | S      |
| RVA 64  | 60 x 40                             | 68,5 x 48,5                  | 5 kg           | S      |
| RVA 66  | 60 x 60                             | 68,5 x 68,5                  | 8 kg           | S      |
| RVA 86  | 80 x 60                             | 88,5 x 68,5                  | 10 kg          | S      |
| RVA 88  | 80 x 80                             | 88,5 x 88,5                  | 12 kg          | S      |
| RVA 106 | 100 x 60                            | 108,5 x 68,5                 | 12 kg          | S      |
| RVA 108 | 100 x 80                            | 108,5 x 88,5                 | 15 kg          | S      |
| RVA 110 | 100 x 100                           | 108,5 x 108,5                | 18 kg          | S      |

**Installation height** ≈ 3.5 cm

**Total height including reinforcement of bottom** ≈ 7 cm

**Special sizes possible**

\*S = available from stock

\*O = to order



**Load capacity:** 15 kN test load EN 124

**Material:** Frame made of aluminium extruded sections. Cover made of 3/4,5 mm aluminum chequerplate. Aluminium reinforcement to the underside. Stainless steel screw and EPDM seal.

**Features:** Comfort cover and completely rust-proof. A special seal with good chemical resistance ensures an odor-proof and largely watertight (complete water tightness not guaranteed) solution. Opening tools included. Thanks to the hinge and the low weight of the aluminium plate, the cover can be easily handled by one person without any special efforts. A safety device is fitted, locking the cover in the raised position.

**Applications:** For covers which are opened more frequently and have to be easy to handle. Particularly for inspection and revision covers where corrosion resistance and low weight are a substantial advantage.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

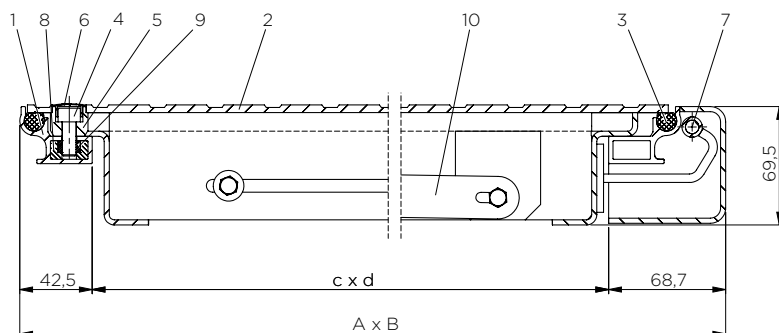


CRVA Alu closed



CRVA Alu open

### CRVA Alu



- |                                 |                                    |                                  |
|---------------------------------|------------------------------------|----------------------------------|
| 1 Frame                         | 5 Socket                           | 9 Square nut (stainless steel)   |
| 2 Plate cover                   | 6 Plastic cap                      | 10 Safety device (hold open arm) |
| 3 Seal                          | 7 Hinge                            |                                  |
| 4 Allen screw (stainless steel) | 8 Injection-moulded part (plastic) |                                  |

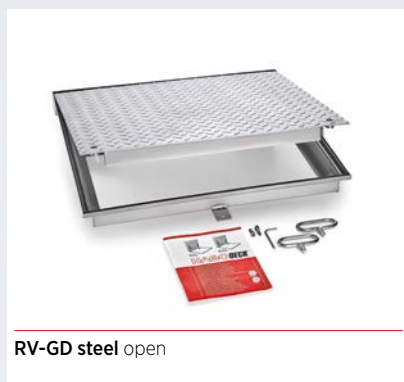
| Type     | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight approx. | S / O* |
|----------|-------------------------------------|------------------------------|----------------|--------|
|          | c x d                               | A x B                        |                |        |
| CRVA 66  | 60 x 60                             | 68,5 x 71,1                  | 10 kg          | S      |
| CRVA 86  | 80 x 60                             | 88,5 x 71,1                  | 12 kg          | O      |
| CRVA 88  | 80 x 80                             | 88,5 x 91,1                  | 15 kg          | S      |
| CRVA 106 | 100 x 60                            | 108,5 x 71,1                 | 14 kg          | O      |
| CRVA 108 | 100 x 80                            | 108,5 x 91,1                 | 17 kg          | O      |
| CRVA 110 | 100 x 100                           | 108,5 x 111,1                | 21kg           | O      |

Installation height ≈ 7 cm

Special sizes possible

\*S = available from stock

\*O = to order



**Load capacity:** 15 kN test load EN 124.

**Material:** Frame and cover made of hot-dip galvanized steel or grade 304 or on request grade 316. Highspecifiaciton gas struts.

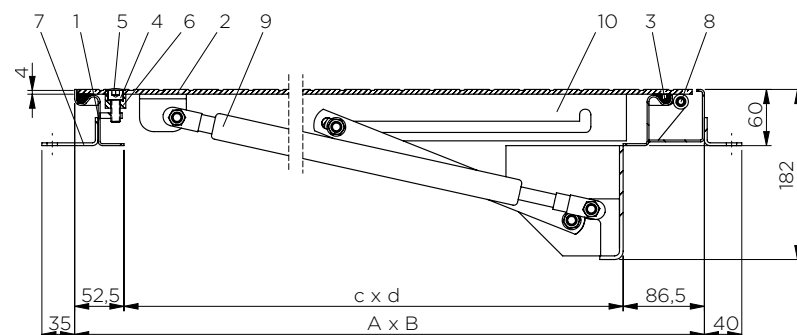
**Features:** Comfort-lift access cover. Smell proof, largely water-tight (not guaranteed to be completely water-tight). EPDM seal. Opening tools included. Opening is assisted by the gas strut(s) to such an extent that the RV-GD cover can be opened and closed by one person. Safety device (hold open arm) fitted to prevent the open cover from closing.

**Applications:** As a cover over installations that need to be opened frequently, without particular effort. Particularly for inspection chambers.

**Installation:** Please study the enclosed installation instructions carefully before installation and pay attention to our specifications. Care must be taken to seal the outer frame into the surrounding flooring. Important note: The gas strut(s) are not installed for transport-related reasons. These should be installed after the cover and frame have been installed in the open position in accordance with our installation instructions.

**Specification clause:** [www.hago.at](http://www.hago.at)

### RV-GD steel/RVE-GD stainless steel



- |                      |               |                  |
|----------------------|---------------|------------------|
| 1 Frame              | 5 Plastic cap | 9 Gas strut      |
| 2 Durbar-plate cover | 6 Socket      | 10 Safety device |
| 3 Seal               | 7 Anchor      |                  |
| 4 Allen screw        | 8 Hinge       |                  |

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------|--------|
| <b>Galvanised steel</b> |                                     | c x d                        | A x B          |        |
| RV-GD 66                | 60 x 60                             | 70,5 x 73,9                  | 32 kg          | S      |
| RV-GD 86                | 80 x 60                             | 90,5 x 73,9                  | 41 kg          | O      |
| RV-GD 88                | 80 x 80                             | 90,5 x 93,9                  | 49 kg          | S      |
| RV-GD 106               | 100 x 60                            | 110,5 x 73,9                 | 47 kg          | O      |
| RV-GD 108               | 100 x 80                            | 110,5 x 93,9                 | 58 kg          | O      |
| RV-GD 110               | 100 x 100                           | 110,5 x 113,9                | 67 kg          | O      |
| <b>Stainless steel</b>  |                                     | c x d                        | A x B          |        |
| RVE-GD 66               | 60 x 60                             | 70,5 x 73,9                  | 29 kg          | O      |
| RVE-GD 86               | 80 x 60                             | 90,5 x 73,9                  | 36 kg          | O      |
| RVE-GD 88               | 80 x 80                             | 90,5 x 93,9                  | 46 kg          | O      |
| RVE-GD 106              | 100 x 60                            | 110,5 x 73,9                 | 45 kg          | O      |
| RVE-GD 108              | 100 x 80                            | 110,5 x 93,9                 | 57 kg          | O      |
| RVE-GD 110              | 100 x 100                           | 110,5 x 113,9                | 68 kg          | O      |

Cover depth ≈ 6 cm

**Special sizes possible**

\*S = article available from stock

\*O = article is manufactured on request



## BV-F90 steel BVE-F90 stainless steel

fire resistance class REI 120 (a <-> b), sealed access cover



**BV-F90**

underside



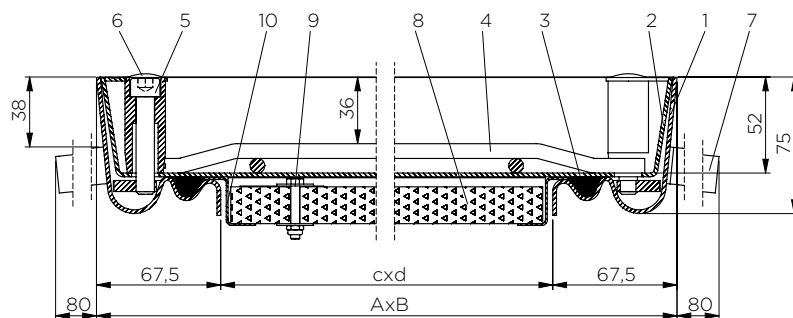
**BV-F90**

Detail: grab handle for removing the fire protection panel

### Other versions available in fire-proof finish (including test certificate):

- Multi-part covers (on request)

### BV-F90 steel/BVE-F90 stainless steel



- |                         |                         |                                |
|-------------------------|-------------------------|--------------------------------|
| 1 Frame                 | 5 Allen screw           | 9 Grab handle with blind rivet |
| 2 Cover                 | 6 Plastic cap           | 10 Stainless steel Z-bracket   |
| 3 Seal (fire-resistant) | 7 Anchor                |                                |
| 4 Reinforcement         | 8 Fire protection panel |                                |

**Load capacity:** 125 kN test load EN 124

**Material:** Frame and cover made of 2 mm cold-formed precision steel profiles. hot-dip galvanized or stainless steel grade 1.4301 (grade 1.4571 also available on request). Fire protection panel on stainless steel Z-brackets, EPDM seal and fire resistant seal.

**Features:** Accurately-manufactured smell proof access cover. Tapered design allows easy opening. Virtually invisible when installed. Robust steel mesh reinforcement.

**Fire test certificate:** The Austrian test certificate issued by the Institute for Fire Protection Technology and Safety Research (IBS) confirms that **HAGODECK Type BV-F90 steel** resists a fire for 120 minutes and thus significantly contributes to safety in the event of a fire. In accordance with EN 13501-2, **Type BV-F90 is classified in fire resistance class REI 120 (a <-> b).**

**The Lift-Off opening system:** Every **HAGODECK Type BV-F90 steel** cover comes with a set of lifting keys and precise installation instructions. After lifting out the cover, the fire protection panel can be removed using its grab handle. The shaft is then accessible without restriction.

**The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** Access covers inside buildings that are required to be fire-resistant.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty<br>approx. | S<br>/ O* |
|-------------------------|-------------------------------------|------------------------------|-------------------------|-----------|
| <b>Galvanised steel</b> |                                     |                              |                         |           |
| BV-F90 33               | 30 x 30                             | 43,5 x 43,5                  | 13 kg                   | S         |
| BV-F90 44               | 40 x 40                             | 53,5 x 53,5                  | 19 kg                   | S         |
| BV-F90 45               | 45 x 45                             | 58,5 x 58,5                  | 21 kg                   | S         |
| BV-F90 55               | 50 x 50                             | 63,5 x 63,5                  | 23 kg                   | S         |
| BV-F90 64               | 60 x 40                             | 73,5 x 53,5                  | 23 kg                   | S         |
| BV-F90 66               | 60 x 60                             | 73,5 x 73,5                  | 30 kg                   | S         |
| BV-F90 635              | 63,5 x 63,5                         | 77,0 x 77,0                  | 32 kg                   | S         |
| BV-F90 86               | 80 x 60                             | 93,5 x 73,5                  | 38 kg                   | S         |
| BV-F90 88               | 80 x 80                             | 93,5 x 93,5                  | 45 kg                   | S         |
| BV-F90 106              | 100 x 60                            | 113,5 x 73,5                 | 45 kg                   | S         |
| BV-F90 108              | 100 x 80                            | 113,5 x 93,5                 | 54 kg                   | S         |
| BV-F90 110              | 100 x 100                           | 113,5 x 113,5                | 63 kg                   | S         |
| <b>Stainless steel</b>  |                                     |                              |                         |           |
| BVE-F90 33              | 30 x 30                             | 43,5 x 43,5                  | 13 kg                   | S         |
| BVE-F90 44              | 40 x 40                             | 53,5 x 53,5                  | 19 kg                   | S         |
| BVE-F90 55              | 50 x 50                             | 63,5 x 63,5                  | 23 kg                   | S         |
| BVE-F90 64              | 60 x 40                             | 73,5 x 53,5                  | 23 kg                   | S         |
| BVE-F90 66              | 60 x 60                             | 73,5 x 73,5                  | 30 kg                   | S         |
| BVE-F90 635             | 63,5 x 63,5                         | 77,0 x 77,0                  | 32 kg                   | S         |
| BVE-F90 86              | 80 x 60                             | 93,5 x 73,5                  | 38 kg                   | S         |
| BVE-F90 88              | 80 x 80                             | 93,5 x 93,5                  | 45 kg                   | S         |
| BVE-F90 106             | 100 x 60                            | 113,5 x 73,5                 | 45 kg                   | S         |
| BVE-F90 108             | 100 x 80                            | 113,5 x 93,5                 | 54 kg                   | S         |
| BVE-F90 110             | 100 x 100                           | 113,5 x 113,5                | 63 kg                   | S         |

Cover depth ≈ 5.0 cm, Installation height ≈ 7.5 cm

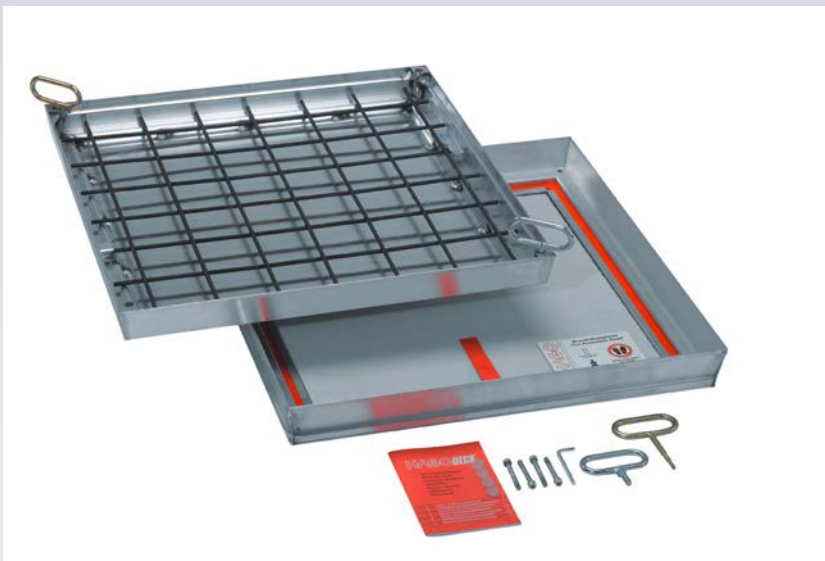
Special sizes possible

\*S = available from stock \*O = to order



## BVA-F90 Aluminium

fire resistance class REI 120 (a <-> b), sealed access cover



**Load capacity:** 125 kN test load EN 124

**Material:** Frame and cover sections in extruded aluminium. Stainless steel screws. Fire protection panel on stainless steel Z-brackets, EPDM seal and fire-resistant seal.

**Features:** Sealed access cover in high-quality finish. Very attractive surface, the visible edges are particularly attractive. Therefore these covers are particularly suitable where a look of elegance is required. Very easy-to-open design. Robust corner joints guarantee a very high degree of rigidity and make it easier to lay tiles and ceramic finishes. EPDM seal. The cover is reinforced with a clamped steel mesh reinforcement.

**Fire test certificate:** The Austrian test certificate issued by the Institute for Fire Protection Technology and Safety Research (IBS) confirms that **HAGODECK Type BVA-F90 alu** resists a fire for 120 minutes and thus significantly contributes to safety in the event of a fire. In accordance with EN 13501-2, **Type BVA-F90 is classified in fire resistance class REI 120 (a <-> b).**

**The Lift-Off opening system:** Every **HAGODECK Type BVA-F90 alu** cover comes with a set of lifting keys and precise installation instructions. After lifting out the cover, the fire protection panel can be removed using its grab handle. The shaft is then accessible without restriction.

**The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

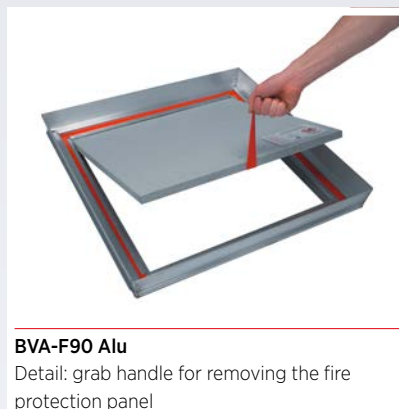
**Applications:** Access covers inside buildings that are required to be fire-resistant.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

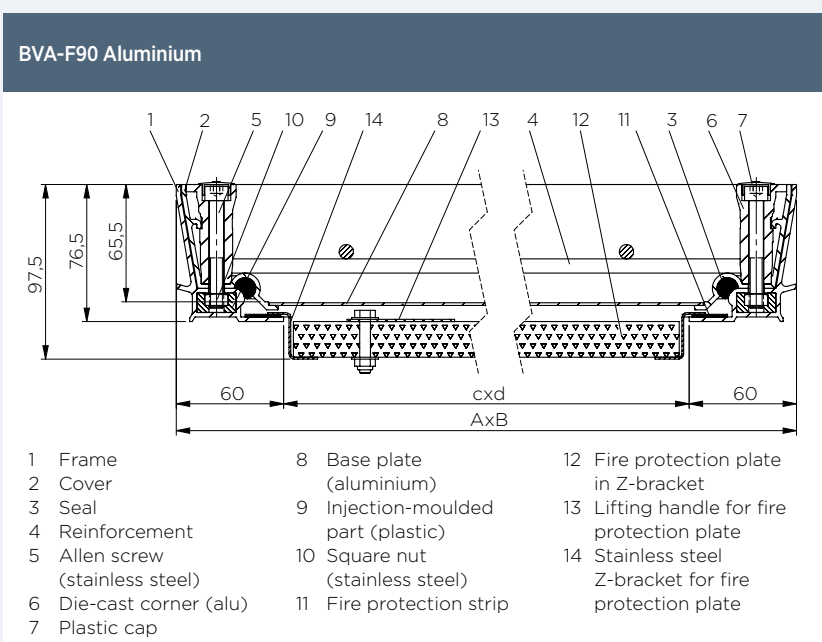
**Specification clause:** [www.hago.at](http://www.hago.at)



**BVA-F90 Alu**  
underside



**BVA-F90 Alu**  
Detail: grab handle for removing the fire protection panel



| Type        | Clear dimensions of shaft (≈ cm) | Outside dimensions (≈ cm) | Weight empty approx. | S / O* |
|-------------|----------------------------------|---------------------------|----------------------|--------|
|             | c x d                            | A x B                     |                      |        |
| BVA-F90 22  | 20 x 20                          | 32 x 32                   | 4 kg                 | S      |
| BVA-F90 33  | 30 x 30                          | 42 x 42                   | 7 kg                 | S      |
| BVA-F90 44  | 40 x 40                          | 52 x 52                   | 11 kg                | S      |
| BVA-F90 45  | 45 x 45                          | 57 x 57                   | 12 kg                | S      |
| BVA-F90 55  | 50 x 50                          | 62 x 62                   | 14 kg                | S      |
| BVA-F90 64  | 60 x 40                          | 72 x 52                   | 14 kg                | S      |
| BVA-F90 66  | 60 x 60                          | 72 x 72                   | 17 kg                | S      |
| BVA-F90 635 | 63,5 x 63,5                      | 75,5 x 75,5               | 18 kg                | S      |
| BVA-F90 77  | 70 x 70                          | 82 x 82                   | 21 kg                | S      |
| BVA-F90 86  | 80 x 60                          | 92 x 72                   | 21 kg                | S      |
| BVA-F90 88  | 80 x 80                          | 92 x 92                   | 26 kg                | S      |
| BVA-F90 106 | 100 x 60                         | 112 x 72                  | 26 kg                | S      |
| BVA-F90 108 | 100 x 80                         | 112 x 92                  | 34 kg                | S      |
| BVA-F90 110 | 100 x 100                        | 112 x 112                 | 39 kg                | S      |

**Cover depth** ≈ 6.6 cm

**Installation depth:** ≈ 7.6 cm

**Special sizes possible**

\*S = article available from stock

\*O = article is manufactured on request



## BV-GD-F90 steel BVE-GD-F90 stainless steel

**Load capacity:** 125 kN test load EN 124

**Material:** Frame and cover made of 2 mm cold-formed precision steel profiles, hot-dip galvanised. Or in grade 304 stainless steel, passivated (on request also available in grade 316 stainless steel). High-specification gas strut(s). Fire protection panel, EPDM seal and fire-resistant seal.

**Features:** Comfort-lift access cover. Smell proof. Opening tools included. Opening is assisted by the gas strut(s) to such an extent that the BV-GD-F90/ BVE-GD-F90 cover can be opened and closed by one person. Safety device (hold open arm) fitted to prevent the open cover from closing.

**Fire test certificate:** The Austrian test certificate issued by the Institute for Fire Protection Technology and Safety Research (IBS) confirms that **HAGODECK Type BV-F90 steel galv.** and **BVE-GD-F90 stainless steel** resists a fire for 120 minutes and thus significantly contributes to safety in the event of a fire. In accordance with EN 13501-2, **Type BV-GD-F90 and BVE-GD-F90 is classified in fire resistance class REI 120 (a <-> b).**

**Applications:** Access covers inside buildings that are required to be fire-resistant and that need to be opened frequently, without particular effort.

**Installation:** Please study the enclosed installation instructions carefully before installation and pay attention to our specifications. Care must be taken to seal the outer frame into the surrounding flooring.

**Important note:** The gas strut(s) are not installed for transport-related reasons. These should be installed after the cover and frame have been installed and filled (concrete must be set), in the open position in accordance with our installation instructions.

**Specification clause:** [www.hago.at](http://www.hago.at)



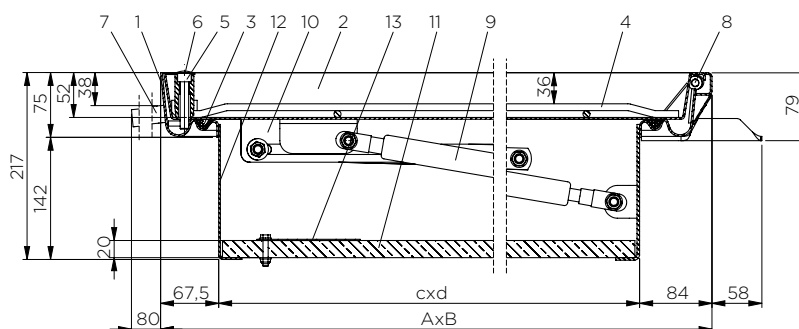
**BV-GD-F90**



**BV-GD-F90**

Detail: grab handle for removing the fire protection panel

### BV-GD-F90 steel/BVE-GD-F90 stainless steel



- |                 |                          |                                             |
|-----------------|--------------------------|---------------------------------------------|
| 1 Frame         | 7 Anchor                 | 12 Stainless steel Z-bracket                |
| 2 Cover         | 8 Hinge                  | 13 Lifting handle for fire protection plate |
| 3 Seal          | 9 Gas strut              |                                             |
| 4 Reinforcement | 10 Safety device         |                                             |
| 5 Allen screw   | 11 Fire protection plate |                                             |
| 6 Plastic cap   |                          |                                             |

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b> |                                     | c x d                        | A x B                |        |
| BV-GD-F90 66            | 60 x 60                             | 73,5 x 75,15                 | 37 kg                | S      |
| BV-GD-F90 86            | 80 x 60                             | 93,5 x 75,15                 | 44 kg                | S      |
| BV-GD-F90 88            | 80 x 80                             | 93,5 x 95,15                 | 50 kg                | S      |
| BV-GD-F90 106           | 100 x 60                            | 113,5 x 75,15                | 49 kg                | O      |
| BV-GD-F90 110           | 100 x 100                           | 113,5 x 115,15               | 66 kg                | S      |
| <b>Stainless steel</b>  |                                     |                              |                      |        |
| BVE-GD-F90 66           | 60 x 60                             | 73,5 x 75,15                 | 39 kg                | O      |
| BVE-GD-F90 86           | 80 x 60                             | 93,5 x 75,15                 | 45 kg                | O      |
| BVE-GD-F90 88           | 80 x 80                             | 93,5 x 95,15                 | 52 kg                | O      |
| BVE-GD-F90 106          | 100 x 60                            | 113,5 x 75,15                | 52 kg                | O      |
| BVE-GD-F90 110          | 100 x 100                           | 113,5 x 115,15               | 69 kg                | O      |

**Cover depth** ≈ 5,0 cm

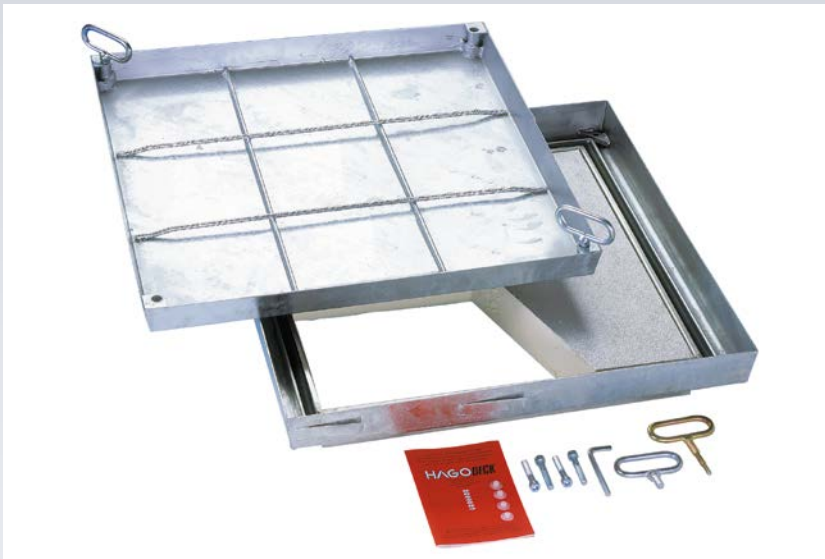
**Installation depth** ≈ 7,5 cm

**Total height** ≈ 21,7 cm

**Special sizes possible**

\*S = article available from stock

\*O = article is manufactured on request



**Load capacity:** 125 kN test load EN 124 (see also pages 3 and 38).

**Material:** Frame and cover in 2 mm cold-formed precision steel profiles. As an alternative also in stainless steel grade SS 304 (on request also available in grade 316). Hot-dip galvanised. Insulated version, consisting of: Z-brackets, EPDM seal, polyurethane rigid foam insulation panel coated with aluminium on both sides.

**Thermal resistance = 3.6 m² K/W**

**Thermal coefficient 0.27 W/m²K**

**Features:** Sealed cover with inlaid insulation panel. Tapered design allows easy opening. Virtually invisible when installed. Robust steel mesh reinforcement.

**The Lift-Off opening system:** Every HAGODECK Type BV thermo cover comes with a set of lifting keys and precise installation instructions.

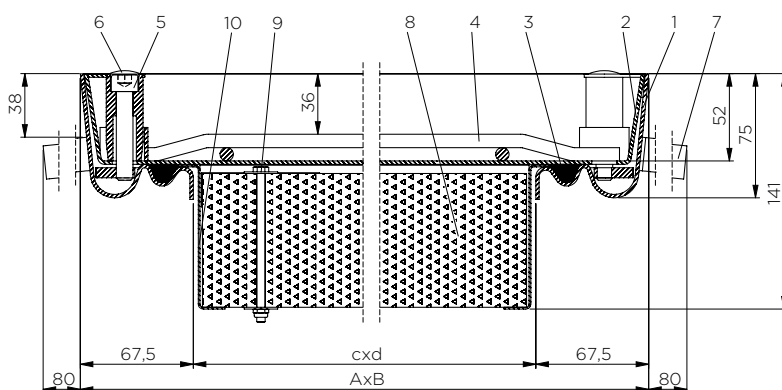
**The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** For areas inside buildings where a cover with insulation properties is required.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** www.hago.at

BV Thermo steel/BVE Thermo stainless steel



- |                 |                                 |                                       |
|-----------------|---------------------------------|---------------------------------------|
| 1 Frame         | 6 Plastic cap                   | 9 Lifting handle for insulation plate |
| 2 Cover         | 7 Anchor                        | 10 Alu Z-bracket                      |
| 3 Seal          | 8 Insulation plate in Z-bracket |                                       |
| 4 Reinforcement |                                 |                                       |
| 5 Allen screw   |                                 |                                       |

| Type                    | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|-------------------------|-------------------------------------|------------------------------|----------------------|--------|
| <b>Galvanised steel</b> |                                     | c x d                        | A x B                |        |
| BV-Thermo 55            | 50 x 50                             | 63,5 x 63,5                  | 19 kg                | S      |
| BV-Thermo 64            | 60 x 40                             | 73,5 x 53,5                  | 19 kg                | S      |
| BV-Thermo 66            | 60 x 60                             | 73,5 x 73,5                  | 23 kg                | S      |
| BV-Thermo 86            | 80 x 60                             | 93,5 x 73,5                  | 29 kg                | S      |
| BV-Thermo 88            | 80 x 80                             | 93,5 x 93,5                  | 33 kg                | S      |
| BV-Thermo106            | 100 x 60                            | 113,5 x 73,5                 | 33 kg                | S      |
| BV-Thermo108            | 100 x 80                            | 113,5 x 93,5                 | 39 kg                | S      |
| BV-Thermo110            | 100 x 100                           | 113,5 x 113,5                | 45 kg                | S      |
| <b>Stainless steel</b>  |                                     |                              |                      |        |
| BVE-Thermo 55           | 50 x 50                             | 63,5 x 63,5                  | 19 kg                | S      |
| BVE-Thermo 64           | 60 x 40                             | 73,5 x 53,5                  | 19 kg                | S      |
| BVE-Thermo 66           | 60 x 60                             | 73,5 x 73,5                  | 23 kg                | S      |
| BVE-Thermo 86           | 80 x 60                             | 93,5 x 73,5                  | 29 kg                | S      |
| BVE-Thermo 88           | 80 x 80                             | 93,5 x 93,5                  | 33 kg                | S      |
| BVE-Thermo 106          | 100 x 60                            | 113,5 x 73,5                 | 33 kg                | S      |
| BVE-Thermo 108          | 100 x 80                            | 113,5 x 93,5                 | 39 kg                | S      |
| BVE-Thermo 110          | 100 x 100                           | 113,5 x 113,5                | 45 kg                | S      |

**Cover depth** ≈ 5.0 cm

**Installation height** ≈ 7.5 cm

**Insulation panel penetrates** ≈ 8 cm into the shaft.

**Special sizes possible**

\*S = available from stock

\*O = to order



BVA Thermo Alu



**Load capacity:** 125 kN test load EN 124

**Material:** Frame and cover sections in extruded aluminium. Stainless steel screws. Insulated version, consisting of: Z-brackets, EPDM seal, polyurethane rigid foam insulation panel coated with aluminium on both sides.

**Thermal resistance = 3.60 m<sup>2</sup> K/W,**

**Thermal coefficient 0.27 W/m<sup>2</sup>K**

**Features:** Sealed access cover in high-quality finish with inlaid insulation panel. Very attractive surface, the visible edges are particularly attractive. Therefore these covers are particularly suitable where a look of elegance is required. Very easy-to-open design. Robust corner joints guarantee a very high degree of rigidity and make it easier to lay tiles and ceramic finishes. EPDM seal. The cover is reinforced with a clamped steel mesh reinforcement.

**The Lift-Off opening system:** Every HAGODECK Type BVA thermo alu cover comes with a set of lifting keys and clear installation instructions.

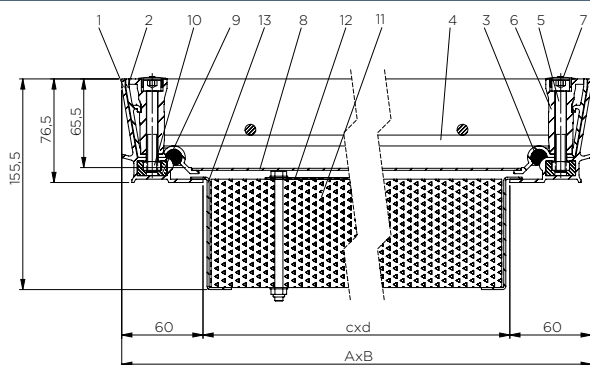
**The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** Inside buildings where it is important to obtain a nice visual effect and where a cover with insulation properties is required. Also, in places where floor finishes may need polishing after fixing or where particular attention needs to be given to corrosion resistance.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring and to fill the cover with water-tight concrete.

**Specification clause:** [www.hago.at](http://www.hago.at)

BVA thermo alu



- |                                 |                                    |                                        |
|---------------------------------|------------------------------------|----------------------------------------|
| 1 Frame                         | 7 Plastic cap                      | 11 Insulation plate in Z-bracket       |
| 2 Cover                         | 8 Base plate                       | 12 Lifting handle for insulation plate |
| 3 Seal                          | 9 Injection-moulded part (plastic) | 13 Alu Z-bracket                       |
| 4 Reinforcement                 | 10 Square nut (stainless steel)    |                                        |
| 5 Allen screw (stainless steel) |                                    |                                        |
| 6 Die-cast corner (alu)         |                                    |                                        |

| Type           | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|----------------|-------------------------------------|------------------------------|----------------------|--------|
|                | c x d                               | A x B                        |                      |        |
| BVA thermo 22  | 20 x 20                             | 32 x 32                      | 3 kg                 | O      |
| BVA thermo 33  | 30 x 30                             | 42 x 42                      | 5 kg                 | O      |
| BVA thermo 44  | 40 x 40                             | 52 x 52                      | 8 kg                 | S      |
| BVA thermo 45  | 45 x 45                             | 57 x 57                      | 9 kg                 | O      |
| BVA thermo 55  | 50 x 50                             | 62 x 62                      | 10 kg                | S      |
| BVA thermo 64  | 60 x 40                             | 72 x 52                      | 10 kg                | S      |
| BVA thermo 66  | 60 x 60                             | 72 x 72                      | 12 kg                | S      |
| BVA thermo 635 | 63,5 x 63,5                         | 75,5 x 75,5                  | 12 kg                | O      |
| BVA thermo 77  | 70 x 70                             | 82 x 82                      | 14 kg                | O      |
| BVA thermo 86  | 80 x 60                             | 92 x 72                      | 14 kg                | S      |
| BVA thermo 88  | 80 x 80                             | 92 x 92                      | 22 kg                | S      |
| BVA thermo 106 | 100 x 60                            | 112 x 72                     | 17 kg                | S      |
| BVA thermo 108 | 100 x 80                            | 112 x 92                     | 31 kg                | S      |
| BVA thermo 110 | 100 x 100                           | 112 x 112                    | 26 kg                | S      |

**Installation depth:** ≈ 6.6 cm

**Installation height** ≈ 7.6 cm

**Insulation panel penetrates** ≈ 7.9 cm into the shaft

**Special sizes possible**

\*S = article available from stock \*O = to order



**Load capacity:** 125 kN test load EN 124 when completely filled with concrete C35/45 (EN 206-1).

**Material:** In Type **BV-RA** frame, cover and cross-beam in 2 mm cold-formed precision steel profiles. Hot-dip galvanised. In Type **BVE-RA** frame, cover and cross-beam made of grade 304 stainless steel (on request also available in grade 316 stainless steel). EPDM seal.

**Features:** Smell proof, largely water-tight multi-part cover (Not guaranteed to be completely water-tight). The cross-beams can be removed without tools, to give clear access to the entire duct. This gives clear access to the duct when retrofitting pipes or during repair work.

**Versions:** In addition to the standard cover height (approx. 50 mm), a deep cover version (approx. 100 mm) is available. Ideal for infill with paviers.

**The Lift-Off opening system:** Every **HAGODECK Type BV(E)-RA** cover comes with a set of lifting keys and precise installation instructions.

**The HAGO advantage:** jammed covers are released by simply turning the Golden Key.

**Applications:** Ideal cover for supply and disposal ducts in the industrial and workshop sector, e.g. for energy, water and compressed air supply.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)



Cover removed

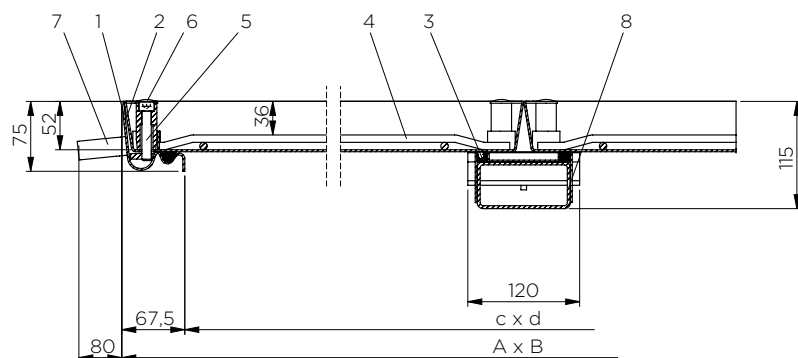


inserting a tray



Removing a cross-beam

#### BV-RA multi steel/BVE-RA multi stainless steel



- |         |                 |                        |
|---------|-----------------|------------------------|
| 1 Frame | 4 Reinforcement | 7 Anchor               |
| 2 Cover | 5 Allen screw   | 8 Removable cross beam |
| 3 Seal  | 6 Plastic cap   |                        |



**Load capacity:** 125 kN test load EN 124 when completely filled with concrete C35/45 (EN 206-1).

**Material:** Frame and cover sections in extruded aluminium.

**Features:** **BVA-RA alu** largely sealed (design similar to BVA): New modular system with huge advantages. The frames are joined lengthways to special connecting elements. For larger covers (from a length of approximately 3 m), the HAGO multi-part cover is delivered disassembled, ready for assembly on site. Patented cross-beams: The cross-beams can be easily removed without tools, to give clear access to the entire duct. Cross-beams are easy to insert and fix in place. They can be taken out again very easily if the entire duct needs to be freely accessible, e.g. when retrofitting pipes or when undertaking repair work in the duct.

**The Lift-Off opening system:** Every **HAGODECK Type BVA-RA alu** cover comes with a set of lifting keys and precise installation instructions. The HAGO advantage: jammed covers are released by simply turning the Golden Key.

**Sealed cover:** **HAGODECK Type BVA-RA alu** is largely sealed. Since multi-part covers are often complex or more difficult to install, water ingress can occur if there is constant stress due to rain, melt water or wet conditions. (Not guaranteed to be completely watertight.)

In all cases please consult our technical advisers if your multi-part cover needs to be completely sealed. In these cases, we will usually find a solution by taking additional measures and providing specific installation instructions.

**Applications:** Ideal cover for supply and disposal ducts in the industrial and workshop sector, e.g. for energy, water and compressed air supply.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

**Specification clause:** [www.hago.at](http://www.hago.at)

| Type               | Clear dimensions of shaft<br>(≈ cm) | Outside dimensions<br>(≈ cm) | Weight empty approx. | S / O* |
|--------------------|-------------------------------------|------------------------------|----------------------|--------|
|                    | c x d                               | A x B                        |                      |        |
| BVA-RA multi 2part | 60 x 132                            | 72 x 144                     | 23 kg                | S      |
| BVA-RA multi 3part | 60 x 203                            | 72 x 215                     | 32 kg                | S      |
| BVA-RA multi 2part | 80 x 172                            | 92 x 184                     | 33 kg                | S      |
| BVA-RA multi 3part | 80 x 263                            | 92 x 275                     | 47 kg                | S      |

**Cover depth** ≈ 6.6 cm

**Installation height** ≈ 7.6 cm

**Cross-beams penetrate** ≈ 12.5 cm into the shaft.

**These 4 standard sizes (additional designation: multi) are in stock. Otherwise, Type BVA-RA is manufactured according to your size specifications.**

\*S = available from stock \*O = to order

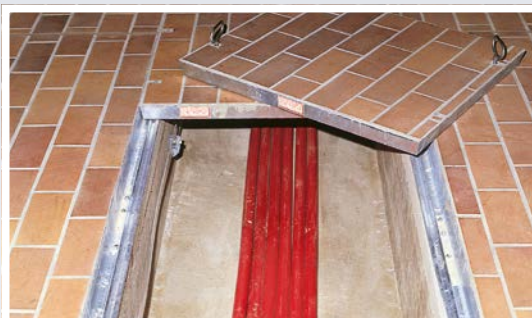
**BVA-RA**  
before installation



**BVA-RA multi-part cover**  
in the Viniculture museum in Krems (supply shaft)



Detail: **junction**

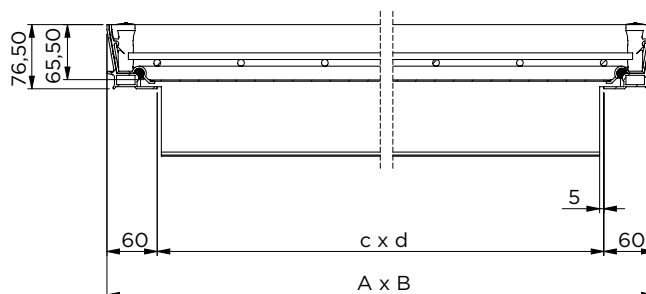
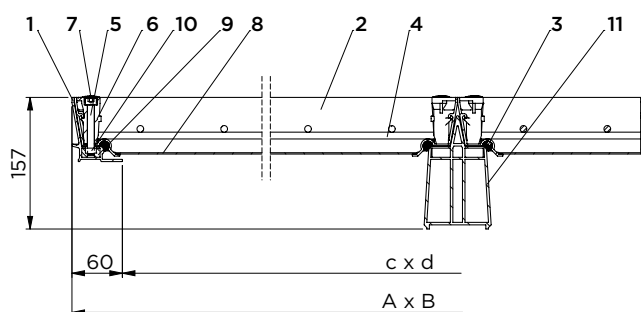


**Multi-part cover** for cable duct



Detail: **cross-beam**

#### BVA-RA multi alu



- |         |                                 |                          |                                 |
|---------|---------------------------------|--------------------------|---------------------------------|
| 1 Frame | 4 Reinforcement                 | 7 Plastic cap            | (plastic)                       |
| 2 Cover | 5 Allen screw (stainless steel) | 8 Base plate             | 10 Square nut (stainless steel) |
| 3 Seal  | 6 Die-cast corner (alu)         | 9 Injection-moulded part | 11 Removable cross beam         |



**Load capacity:** 15 kN test load EN 124

**Material:** Frame made of aluminium extruded sections. Cover made of 3/4,5 mm aluminium chequerplate. Aluminium reinforcement on the underside. Stainless steel screws. Good chemical resistant seal

**Features: RVA-RA Alu in largely sealed design (construction similar to RVA):** New modular design with enormous advantages. The frames are connected with cross-beams elements in the longitudinal direction. For larger covers (from a length of approx. 3 m) the HAGO multi access cover is delivered disassembled and again assembled on site. **Patent cross-beam system:** The system of intermediate webs (cross beam) is registered with patent. The cross-beams are simply inserted and fixed. They can be easily removed again without effort when the the shaft must be freely accessible along its entire length, e.g. for the subsequent installation of pipelines or for pipelines or for repair work in the manhole.

**The Lift-Off opening system:** Every HAGODECK Type RVA-RA alu cover comes with a set of lifting keys and precise installation instructions.

**Odor and waterproof:** HAGODECK Type RVA-RA convinces by its low weight. Carefully sealed with EPDM seals. Complete water tightness not guaranteed!

**Applications:** Due to the low weight and high corrosion resistance, the RVA-RA is the ideal cover for supply and disposal channels.

**Installation:** Installation must be carried out according to our instructions. With water-tight models, care must be taken to seal the outer frame into the surrounding flooring.

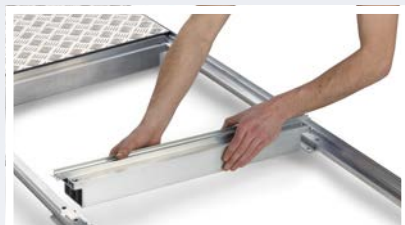
**Specification clause:** [www.hago.at](http://www.hago.at)



RVA-RA

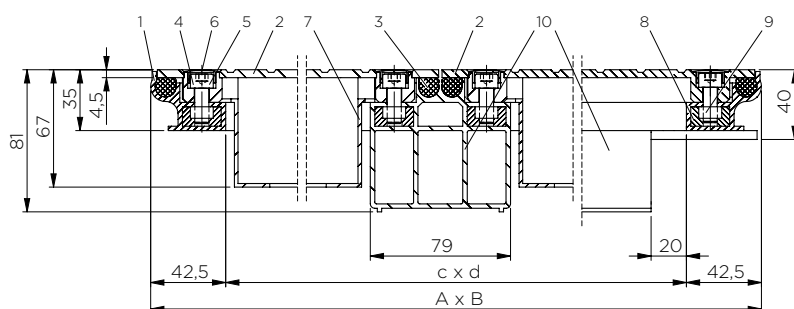


removed cover



removable cross-beam

#### RVA-RA Alu



- |               |                           |               |
|---------------|---------------------------|---------------|
| 1 Frame       | 5 sleeve                  | 8 plastic cap |
| 2 Cover       | 6 plastic cap             | 9 square nut  |
| 3 Seal        | 7 reinforced chequerplate | 10 cross-beam |
| 4 Allen screw |                           |               |



**Load capacity:** 15 kN test load EN 124

**Material:** Frame, Plate and cross-beam made of steel galvanized steel or stainless steel grade SS 304 (on request grade SS 316 also available). Reinforcement made of galvanized steel or stainless steel. Good chemical resistant seal.

**Features: RV(E)-RA in largely sealed design (construction similar to RVA):** The frames are connected with cross-beams elements in the longitudinal direction. For larger covers (from a length of approx. 3 m) the HAGO multi access cover is delivered disassembled and again assembled on site. Not guaranteed to be completely watertight

**The Lift-Off opening system:** Every HAGODECK Type RV(E)-RA cover comes with a set of lifting keys and precise installation instructions.

**Applications:** RV(E)-RA multipart access cover is the ideal cover for supply and disposal channels.

**Installation:** Installation must be carried out according to our instructions.

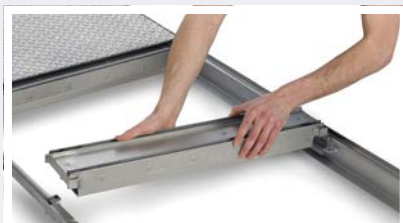
**Specification clause:** [www.hago.at](http://www.hago.at)



RVE-RA

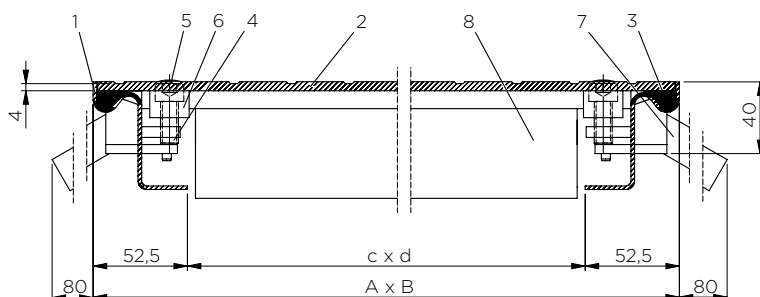


removed cover



removable cross-beam

#### RV-RA steel/ RVE-RA stainless steel



- |                |               |                        |
|----------------|---------------|------------------------|
| 1 Frame        | 4 allen screw | 7 Anchor               |
| 2 Durbar-plate | 5 plastic cap | 8 removable cross-beam |
| 3 Seal         | 6 sleeve      |                        |

**Should the joints around the access cover be grouted with silicone?**

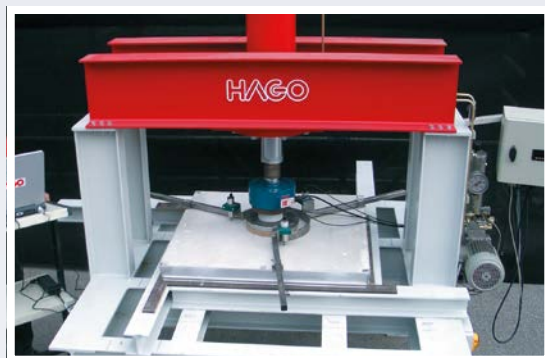
For models with gas struts, silicone grouting is required. With all other models, grouting with silicone around the frame is a neat solution but is not absolutely necessary.

**Can I fill HAGO covers with asphalt?**

**HAGO** covers with standard installation depth should never be filled with asphalt.

If you require an asphalt surface, please use our models with a 10 cm high cover (BVH-maxi, BVH-GD-maxi, BVHS 250/400). In this case, the cover has to be filled with approx. 7 cm of concrete, the rest can be filled with asphalt.

**Does “125 kN test load” mean that the HAGO cover can be subjected to a wheel load of 125 kN (12.5t) or to a load of 125 kN (12.5t) per square metre?**



A very important question, as “125 kN test load” or “B 125” refers to neither the wheel load nor to the load capacity per square metre. The basis is the European Standard EN 124. It divides possible installation locations of access covers into 6 groups. Group 2 includes: footways, pedestrian zones, car parks or car parking decks.

For these areas (Group 2), the Standard provides for the installation of access covers of class B 125 (125 kN test load). Access covers are classified as B 125 with regard to load capacity if no cracks (in simplified terms) are produced by up to 125 kN force on the test rig (25 cm diameter block).

This test procedure according to EN 124 thus serves to classify access covers. HAGO access covers should, however, never be subjected to the indicated test load in normal usage.

The European Standard EN 124 does not give a direct indication of the actually possible load in kN or tonnes. However, as a rough guideline it can be said that HAGO covers with “125 kN test load” – when fully filled with grade C 35/45 concrete – can be slowly driven over with a maximum 3 tonnes wheel load (air-inflated tyres). That corresponds to the maximum wheel loads which can be expected in car parks or car parking decks.

**How does the load capacity change if HAGO access covers are not completely filled with concrete, but the surface is covered with tiles/blocks or a floor finish (1–2 cm)?**



In this case, the load capacity is reduced depending on the thickness and type of the floor finish.

For normal loading in pedestrian areas, HAGO access covers are of course also suitable when filled with blocks, tiles etc. However, the thickness of the floor finish should not exceed 2 cm.

When filling with blocks, if particular requirements are specified for the load capacity (vehicles, heavy machinery), please ask for our advice.

**Can square access covers be installed onto a round shaft opening?**

No problem, just make a square concrete rim around the round opening. This has to correspond to at least the outside dimensions of the access cover.

**What has to be done when installing HAGO access covers to ensure watertightness?**

**Cover:** In our sealed versions in steel or stainless steel, the cover is already designed to be watertight. In our fillable aluminium covers (e.g. BVA), the base plate is only spot-welded for technical reasons (distortion). Here it is important that the concrete infill provides a seal (concrete should be shaken and well-compressed), if the cover is to be optimally watertight.

**Frame:** With water-tight models, care must be taken to seal the outside of the frame into the surrounding flooring (use concrete with waterproofing additives). If the covers are to be installed in areas where a high degree of watertightness is required, please always ask for our advice.

**Can HAGO covers be concreted directly into in-situ concrete floors?**

When fitting directly into industrial floors, it must be noted that these expand. If necessary fit flexible spacers (min. width 10 mm) around the outside of the frame. These can be removed when the floor has hardened. The resulting gap can subsequently be filled with the most suitable flexible material.

**How frequently should the seals on HAGO access covers be renewed?**

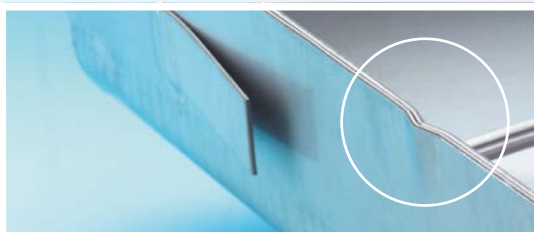


Our EPDM seals are very long-lasting when used appropriately. However, if watertightness is an important criterion for you, we would request you to consider the seals to be a part which is subject to wear and tear, and to check their condition regularly.

If the cover is opened and closed particularly often (e.g. models with gas struts), or if the seal is subjected to dirt, its lifespan is reduced.

If your seal appears damaged or no longer flexible, we recommend that you order a replacement seal from HAGO (giving details of the cover model and size). Replacement seals are always delivered with suitable glue and instructions for changing the seal.

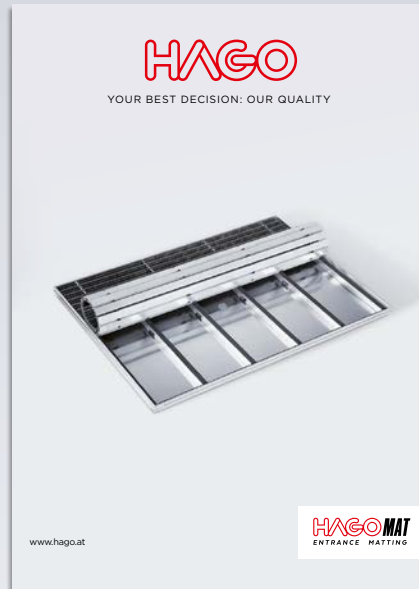
**Some HAGO access covers have a small notch on one side (of the cover and frame). What is this for?**



This notch is found on our steel or stainless steel covers without hinges.

We produce our covers with very little tolerance and gap dimensions. The cover and frame are then (after galvanising or passivating) optimally realigned. The notch serves as a marker, so that this optimal fit is not later lost by placing the cover into the frame the wrong way. For an optimal fit, the notch in the cover should find the notch in the frame! The HAGO notch is seen today as a sign of quality.

## OTHER HAGO PRODUCTS



# HAGO

YOUR BEST DECISION: OUR QUALITY

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