

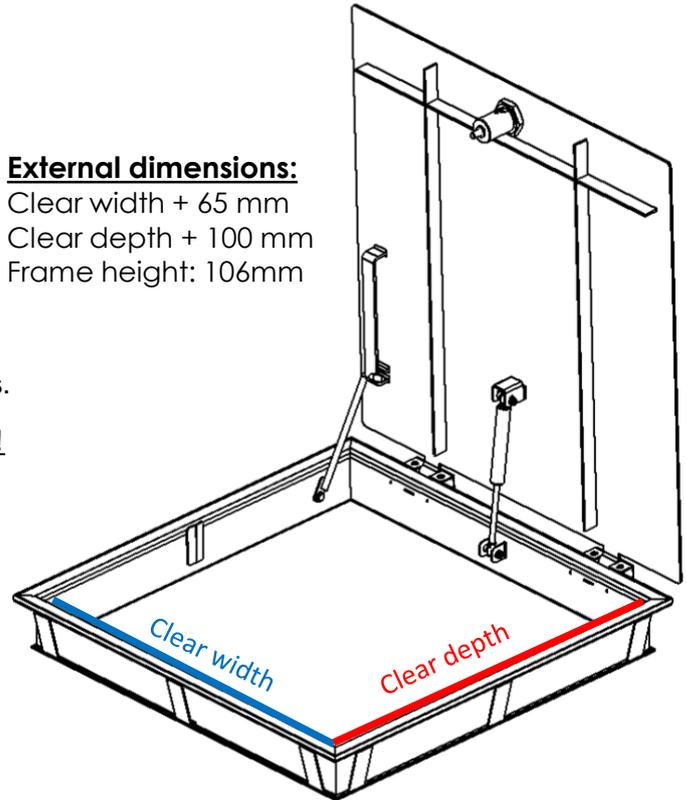
Hailo Type HS12 Shaft Cover Version for setting in concrete

Stainless steel chequer safety plate cover

flush for setting in concrete, loads as per EN 124 class A 15kN, surface water tight, opening assisted by gas springs, inc. mechanism for keeping the lid open

External dimensions:

Clear width + 65 mm
Clear depth + 100 mm
Frame height: 106mm



IMPORTANT!!!

To avoid damage to the cover, particularly the frame, it is absolutely essential to comply with the following instructions.

The lid must remain closed until the concrete has hardened!

Only after that can the cover be opened.

Hailo accepts no liability for damage caused by improper handling!

Installation:

1. The recess required in your structure is calculated as follows:
External dimensions of the cover + 80mm all round for the concrete.
2. Remove the parts supplied from the cover, e.g. the gas spring, and any keys and closure parts.
Lift the shaft cover with suitable lifting tackle or equipment, such as a forklift, crane or digger, and insert into the recess provided.
3. Level the cover using a spirit level and place it at the required height. Any difference in height can be compensated by putting shims under the corners. Make sure that the frame is lying straight.
Make sure the installation height takes account of additional road or footpath surfaces.
4. Once the cover is finally fixed, seal the gap all the way round between the frame and structure (with a wooden frame, sealing cord ...).
5. Make sure that the lid of the shaft cover is tightly closed while it is being concreted in. This prevents the framework from getting out of shape. To safeguard against lifting and movement when concreting, the cover can be secured using ballast.
6. The cover can now be finished off with a seal. We recommend compressing the concrete with internal compactors. Allow for the setting times specified for the concrete.
7. Once the concrete has hardened, the gas spring can be installed. The piston rod is always screwed to the frame and the cylinder to the lid. The necessary means of attachment are pre-fitted.
8. Once all work has been completed, it is important to remove any concrete residue and dirt from the frame and the lid. This ensures that your Hailo shaft cover will have a long and trouble-free service life.

Hailo Type HS12 Shaft Cover Version for dowelling in

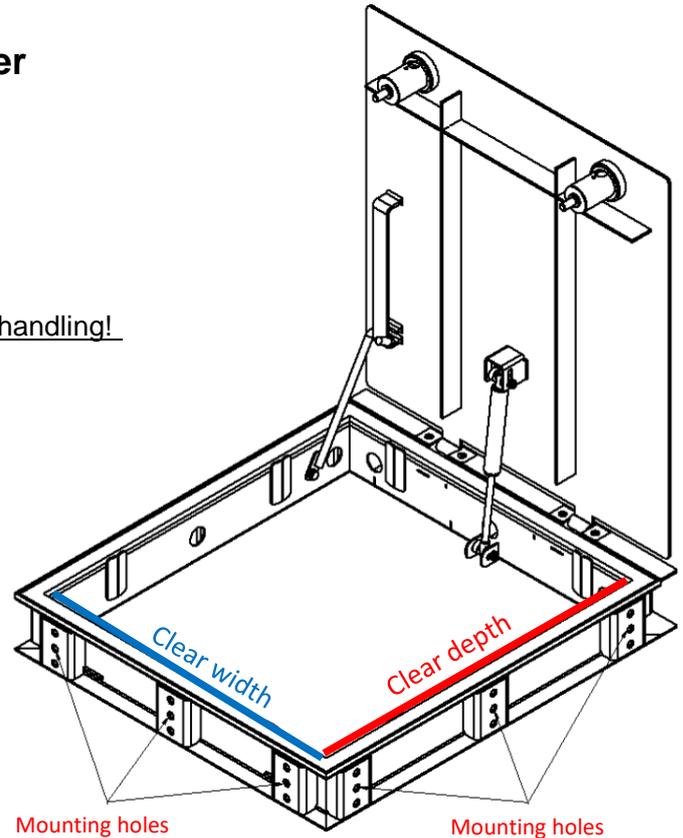
Stainless steel chequer safety plate cover

flush, for dowelling in, loads as per EN 124
class A 15kN, surface water tight, opening assisted
by gas springs, inc. mechanism for keeping the lid open

Hailo accepts no liability for damage caused by improper handling!

External dimensions:

Clear width + 65 mm
Clear depth + 100 mm
Frame height: 106mm



Installation:

1. Remove the parts supplied from the cover, e.g. the gas spring, and any keys and closure parts.
2. Open the shaft cover and position and align it in the opening of the structure. The hinged side must be tight against the shaft wall.
3. Drill the holes for the fixing anchors through the mounting holes in accordance with the manufacturer's instructions.
4. Fit the anchors. Before tightening them, pad the gap between the frame and structure and establish a seal between the frame and structure.
6. Only now can the gas spring be fitted.
7. Close the cover and check that the lid works properly.

Operation:

1. To open the shaft cover, you must use the key to release the upper brass triangular locking screw(s) of the locking mechanism(s), then the lower brass locking screw(s).
2. Use the key hook to reach into the opening in the neck of the lock and lift the lid. The gas springs assist opening up to around 80°; beyond that you must open the lid further by hand until the latch engages.
3. Clean the contact surfaces and the seal and sealing surfaces thoroughly before closing the cover, otherwise it will not be possible to guarantee surface water tightness.
4. To close, release the latch and perform steps 3 to 1 in the reverse order.

Hailo Type HS12 Shaft Cover Optional “emergency opening from below”

Operating the emergency release:

To operate the emergency release from inside the structure (from below), the activating lever must be pulled downwards. This disables the locking mechanism function, and the lid can then be opened or pushed upwards.

To close the cover, the locking bracket must be reinserted into the guide and the lever moved back into its original position.

Opening the shaft cover from outside the structure (from above) is performed as described on the previous page.

Attention!

We advise that a combination of emergency release and safety barriers such as safety grilles or guard rails is not sensible. After operating the emergency release, it may potentially not be possible, or only possible with great difficulty, for a fleeing person to open or push up the lid if this is obstructed by a grille or a folded-up guard rail sitting in the frame.

**Emergency release
(pull lever downwards)**

