

TECHNICAL DATA SHEET



Class:
D400

BUDAPRESS DN615/785

Stationary type cover, D400

Conform to EN 124-2,
DIN 1229 and RAL-GZ 692
Class: D400



PRODUCT DESCRIPTION

In the event of backwater (water pressure in the chamber), the BUDAPRESS cover relieves pressure by raising above the frame (approx. 50 mm). The two-phase bayonet mechanism prevents the cover from being flushed out/ejected. After the pressure in the chamber has been relieved, the cover returns to its original position. This mechanism has no wedges, screws, or locks, and it has simple maintenance with no special tools required. The compact frame with exterior flange ensures perfect anchoring in the road surface in road surface. The cover is fitted with MEIPREN cushioning inserts that are easily replaceable, provide noise reduction, and extend the cover's service life. The BUDAPRESS cover is available with or without ventilation openings. Certified by an independent institution (KIWA) in accordance with EN 124; a certificate is available to confirm this.

Material: cast iron, Country of origin of the product: Germany, Standards: EN 124, DIN 1229, RAL-GZ692

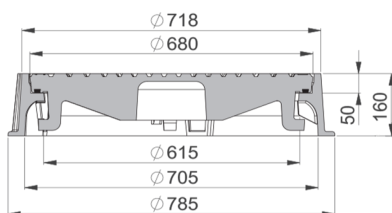
APPLICATION AREA

By the application BUDAPRESS cover corresponds to 4th group of EN 124 (class D400) which states that cover can be used on carriageways of roads (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles.

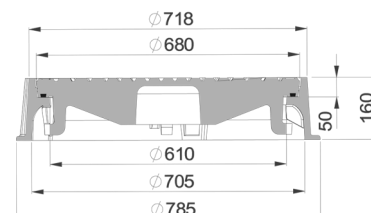
Specially suitable for installation on the roads and squares with pavement and roads with gravel surface.

PRODUCT DIMENSIONS

| Parameters | Nominal size — DN615/785 |
|---------------------------------|--------------------------|
| Outer diameter of the frame, mm | 785 |
| Opening, mm | 680 |
| Height, mm | 160 |
| Frame neck size, mm | 705 |



Configuration without ventilation holes



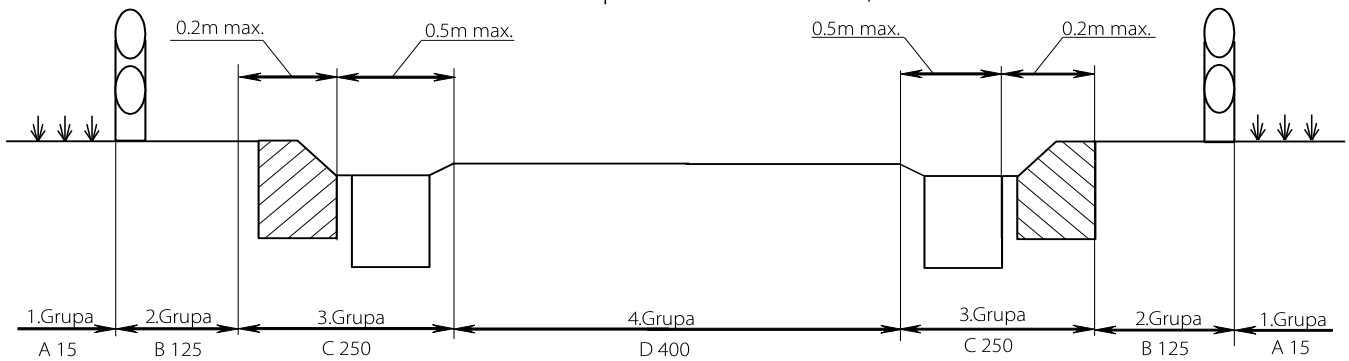
Configuration with ventilation holes

PRODUCT PARAMETERS

| Parameters | Description | Standard |
|-------------------|-------------------------------------|---------------------|
| Material | Cast iron | EN 124-2 |
| Load capacity, kN | 400 | EN 124-2, RAL-GZ692 |
| Weight, kg | 155 (with ventilation holes 156 kg) | |

TECHNICAL DATA SHEET

Selection of chamber cover depending on the designed traffic load at the installation place (according to the requirements of EN 124).



Cross section of street where different groups of chamber covers are displayed according to EN 124.

| Group | Class | Load, kN (t) | Application area |
|-----------|-------|--------------|--|
| 1st group | A 15 | 15 (1.5) | Areas which can only be used by pedestrians and pedal cyclists. |
| 2nd group | B 125 | 125 (12.5) | Pedestrian areas and comparable areas, car parks or car parking decks. |
| 3rd group | C 250 | 250 (25) | For gully tops, installed in the area of kerbside channels of roads which, when measured from the kerb edge, extends a maximum of 0,5m into carriageway and a maximum of 0,2 m into the pedestrian area. |
| 4th group | D 400 | 400 (40) | Carriageways of roads (including pedestrian streets), hard shoulders and parking areas, for all types of road vehicles. |
| 5th group | E 600 | 600 (60) | Areas imposing high wheel loads, e.g. docks, aircraft pavements. |
| 6th group | F 900 | 900 (90) | Areas imposing particularly high wheel loads, e.g. aircraft pavements. |

Corresponding standards

| No. | Title |
|----------|---|
| EN 124 | Gully tops and manhole tops for vehicular and pedestrian areas. Design requirements, type testing, marking, quality control. |
| EN 124-1 | Gully tops and manhole tops for vehicular and pedestrian areas. Definitions, classification, general principles of design, performance requirements and test methods. |
| EN 124-2 | Gully tops and manhole tops for vehicular and pedestrian areas. Gully tops and manhole tops made of cast iron. |
| EN 124-3 | Gully tops and manhole tops for vehicular and pedestrian areas. Gully tops and manhole tops made of steel or aluminium alloys. |
| EN 124-4 | Gully tops and manhole tops for vehicular and pedestrian areas. Gully tops and manhole tops made of steel reinforced concrete. |
| EN 124-5 | Gully tops and manhole tops for vehicular and pedestrian areas. Gully tops and manhole tops made of composite materials. |
| EN 124-6 | Gully tops and manhole tops for vehicular and pedestrian areas. Gully tops and manhole tops made of polypropylene (PP), polyethylene (PE) or unplasticized poly (vinyl chloride) (PVC-U). |