

# TECHNICAL DATA SHEET



## ECOTOP DN600/746

Stationary type class D400 chamber cover

Conform to EN 124-2  
 Class: D400

### PRODUCT DESCRIPTION

Stationary type chamber cover is equipped with cushioning inserts. On the one side cover is equipped with self-blocking mechanism and on the other side with hinge. Hinge provides an option to open the cover and leave it for maintenance in the opened position. If necessary cover can be removed. Chamber cover is available with and without ventilation openings. ECOTOP cover can be ordered with the logo of servicing company. It is certified at independent institution (KIWA) according to EN 124, a certificate is available to confirm this.

Material: cast iron

Country of origin of the product: Germany

### APPLICATION AREA

By the application ECOTOP 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.

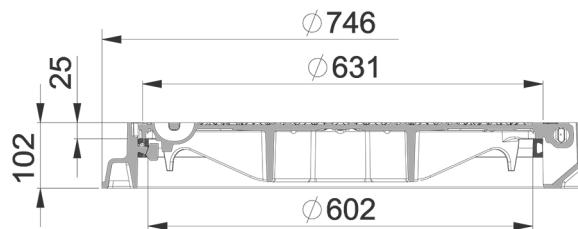
Specially suitable for installation on the roads and squares with pavement and roads with gravel surface.



Class:  
**D400**

### PRODUCT DIMENSIONS

Parameters	Nominal size — DN600/746
Outer diameter of the frame, mm	746
Opening, mm	602
Height, mm	102

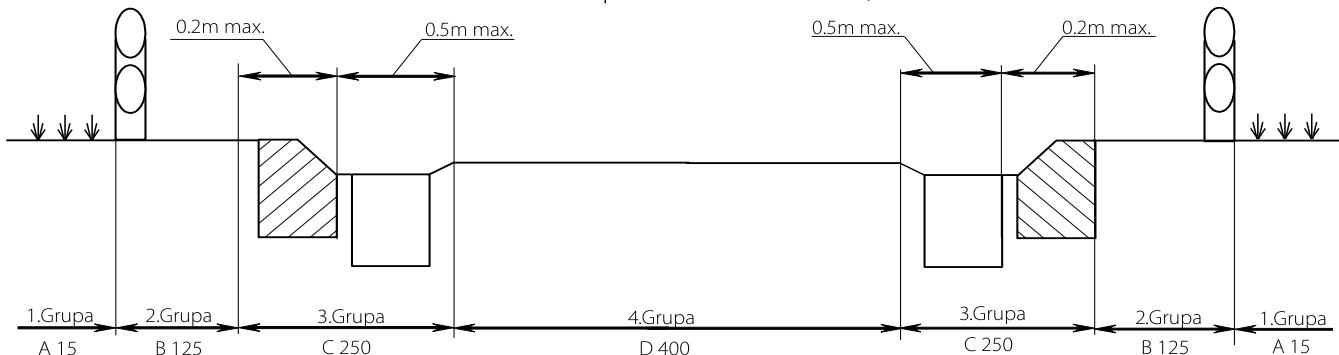


### PRODUCT PARAMETERS

Parameters	Description	Standard
Material	Cast iron	EN 124-2
Load capacity, kN	400	EN 124-2
Weight, kg	48.5	

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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 rein-
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).