

TECHNICAL DATA SHEET



Class:
B125

Cover DN610/750

Stationary type class B125 chamber cover

Conform to EN 124-2,
DIN 4271 and RAL-GZ692
Class: B125

PRODUCT DESCRIPTION

Stationary type chamber cover is filled with concrete and the cover is held in the frame by it's own weight. Frame of cover is encapsulated in the concrete and provides excellent support for load distribution. Cover has two opening holes. Chamber cover is available with and without ventilation openings and with or without locking system. It is certified at independent institution (KIWA) according to EN 124 and quality assurance requirements of RAL-GZ692, a certificate is available to confirm this.

Material: cast iron

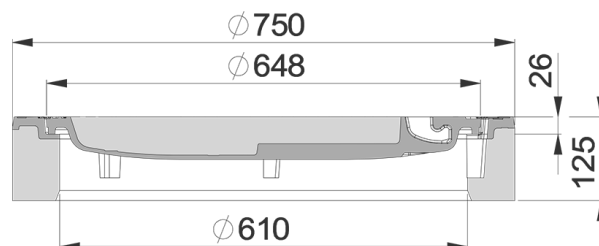
Country of origin of the product: Germany

APPLICATION AREA

By the application the cover corresponds to 2nd group of EN 124 (class B125) which states that cover can be used for construction of pedestrian areas and comparable areas, car parks or car parking decks.

PRODUCT DIMENSIONS

Parameters	Nominal size — DN610/750
Outer diameter of the frame, mm	750
Opening, mm	610
Height, mm	125

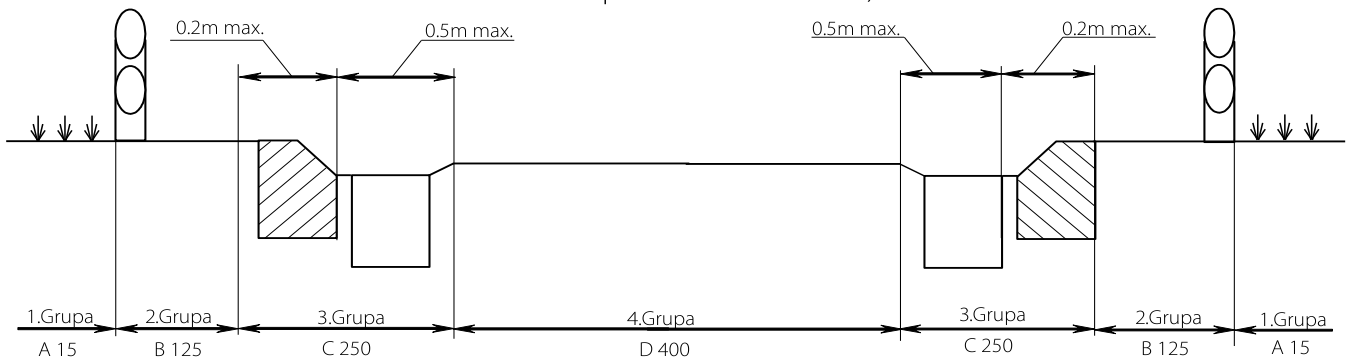


PRODUCT PARAMETERS

Parameters	Description	Standard
Material	Cast iron	EN 124-2
Load capacity, kN	125	EN 124-2
Weight, kg		96

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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).