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TECHNICAL DATA SHEET

BUDALOCK DN800/1090

Stationary type class D400 chamber cover

Conform to EN 124-2
RAL-GZ692
Class: D400

Class:
D400

PRODUCT DESCRIPTION

Stationary type chamber cover with hinge, with large service opening –800 [mm]. The hatch cover is fitted with MEIPREN sealing rubbers, which extend the service life and ensure noise reduction. On one side, the cover is equipped with a large, replaceable spring that holds the cover in the frame, and a hinge on the other side. The hinge allows the cover to be easily opened and 'locked' in the open position for servicing or inspection of the manhole. Certified by an independent institute (KIWA) in accordance with EN 124 and tested according to RAL-GZ 692. A certificate confirming this is available.

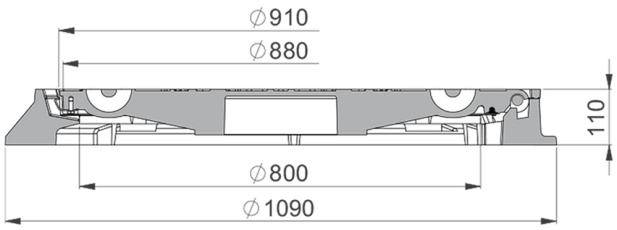
Material: cast iron
Weight: 187 kg
Height: 110 mm
Standards: EN 124-2, RAL-GZ692
Country of origin: Germany

APPLICATION AREA

By the application 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.

PRODUCT DIMENSONS

Parameters	Nominal size — DN800/1090
Outer diameter of the frame, mm	1090
Opening, mm	800
Height, mm	110



PRODUCT PARAMETERS

Parameters	Description	Standard
Material	Cast iron and concrete	EN 124-2
Load capacity, kN	400	EN 124-2, RAL-GZ692
Weight, kg	187	

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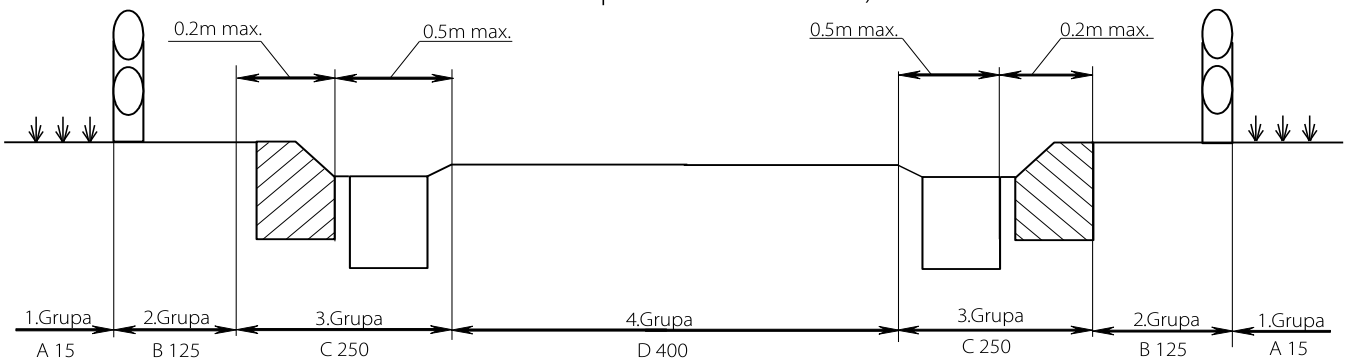
Selection of chamber cover depending on the designed traffic load at the installation place (according to the requirements of EN 124).



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 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).