

Shaft covers

Waterproof steel manhole covers with concrete collar

Product description

Steel manhole covers shall be used to protect access sumps within fuel station traffic areas and other facilities intended for storage and distribution of petroleum products. Selection of the right cover category is under the facility designer. Vehicles with wheel load ≤ 400 kN are free to drive over such covers.

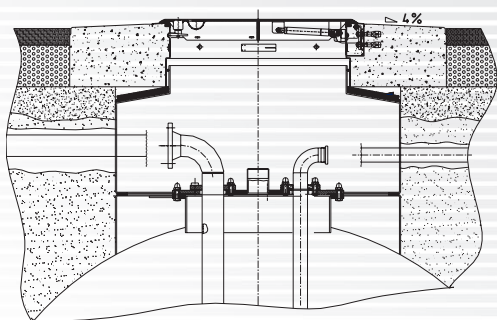


Conditions of use

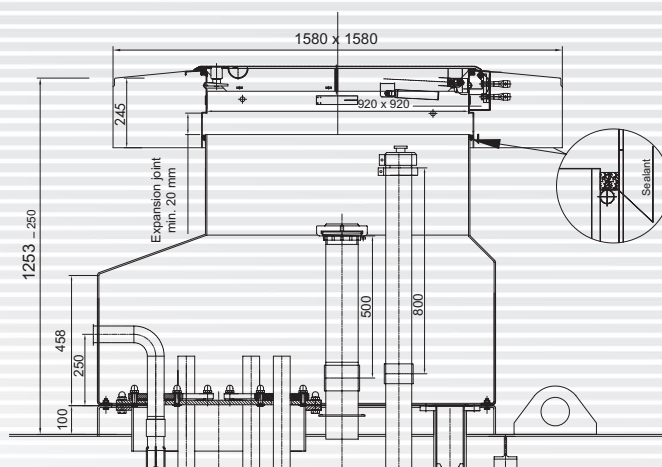
A concrete collar should rest along its entire perimeter not less than 150 mm each side, on specially made foundation. Road surfaces within traffic areas with steel access covers placed shall be laid flush with concrete collar edging to ensure smooth water drainage. Access cover itself shall be placed horizontally at the highest point of roadway. Method of setting and fastening concrete collar to the ground should be specified in engineering design and developed individually for specific location.

Advantages

- waterproof, protected against rain water
- cover structure designed to bear traffic loads
- equipped with a hot dip galvanized steel cover and frames
- fitted with locking mechanism
- outer surface made of corrugated plate effectively eliminates potential slipping
- a concrete anti-slipping rim



Example of tank installation



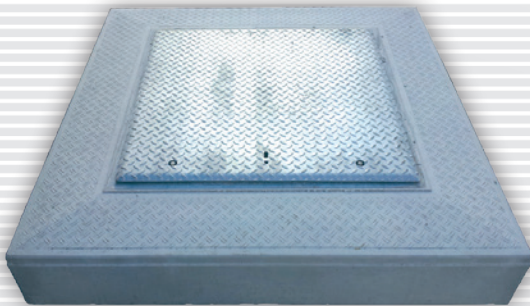
NA2 sump, 920 x 920 mm manhole, 400 kN



Overlapping covers not flush with the roadway

Concrete cover 920x920x250 mm

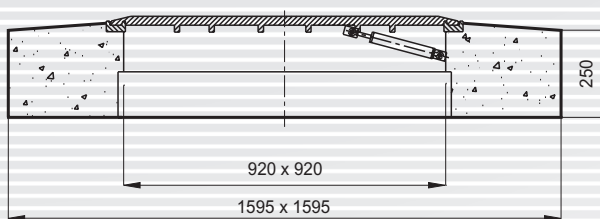
| Product code | Description |
|--------------|----------------------------------|
| 234-530-0013 | Concrete cover 920x920x250 250kN |
| 234-530-0015 | Concrete cover 920x920x250 400kN |



Steel cover, type 250 kN 920x920x250 mm

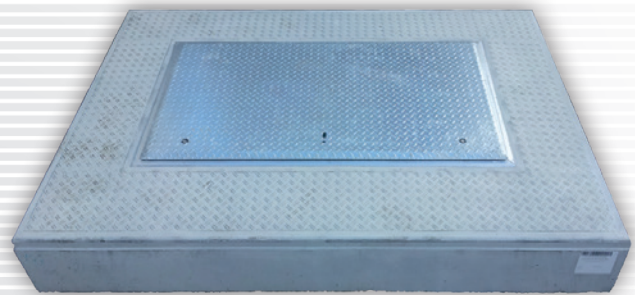
Technical data:

- Concrete collar, external dimensions:
1595 x 1595 mm, h=250 mm
- Frame opening clearance – 920 x 920 mm
- Load capacity \leq 250 kN
- Concrete collar, class B35



Concrete cover 1400x740x250 mm

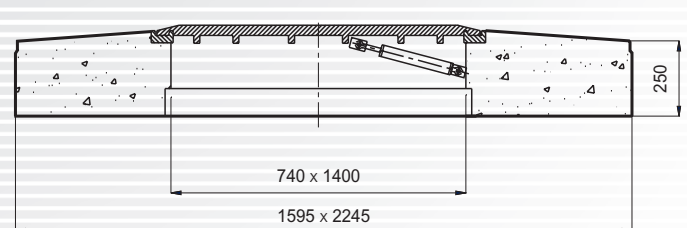
| Product code | Description |
|--------------|-----------------------------------|
| 234-530-0011 | Concrete cover 1400x740x250 250kN |
| 234-530-0012 | Concrete cover 1400x740x250 400kN |



Steel cover, type 250 kN 740x1400x250 mm

Technical data:

- Concrete collar, external dimensions:
1595 x 2245 mm, h=250 mm
- Frame opening clearance – 740 x 1400 mm
- Load capacity \leq 250 kN
- Concrete collar, class B35



Cover opening wrench

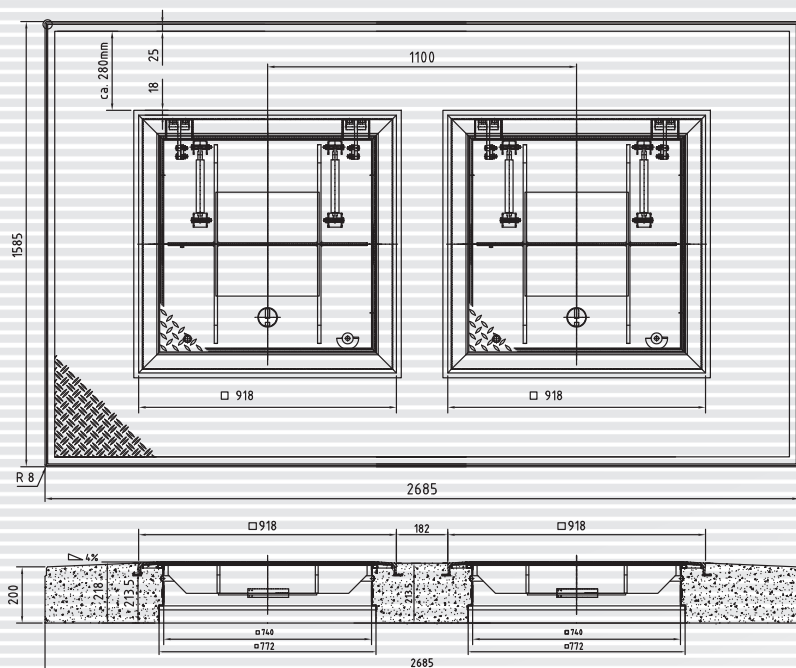
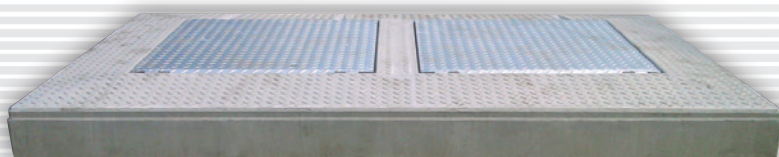
| Product code | Description |
|--------------|--|
| 852-009-0005 | Galvanized key \varnothing 17 for opening the covers |



Covers flush with the roadway

Double cover, 740x740 mm, 400 kN

| Product code | Description |
|--------------|--|
| 234-530-0023 | Street cover WAD III M 400kN 740x740 mm DCC double concrete collar C30/37 according DIN EN 12390-3 |



Steel cover, 920x920x250 mm, 400 kN, type M

| Product code | Description |
|--------------|--|
| 234-530-0014 | Street cover flat type 920x920x250 400kN in concrete frame [type M] art.no.: 1WADIII100576 |
| 234-000-0009 | Steel cover 920x920, type M, 400 kN, WAD III 100598, without a concrete slab |

