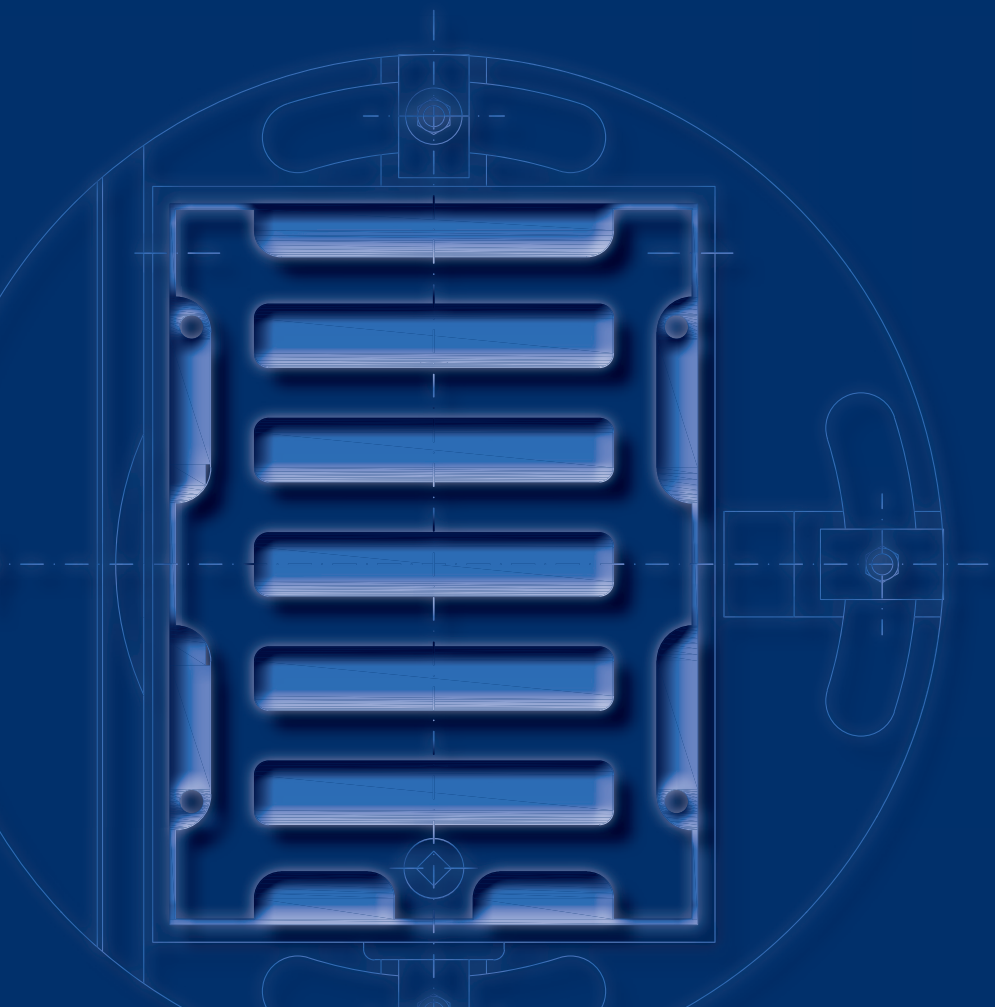
HÖLLKO®
Brückenentwässerung

BRIDGE GULLIES - RECONSTRUCTION ATTACHMENTS
DRIPPING SPOUTS - CLEANSING CONNECTION PIPES



2012
TECHNICAL CATALOGUE

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BRIDGE GULLY SERIES

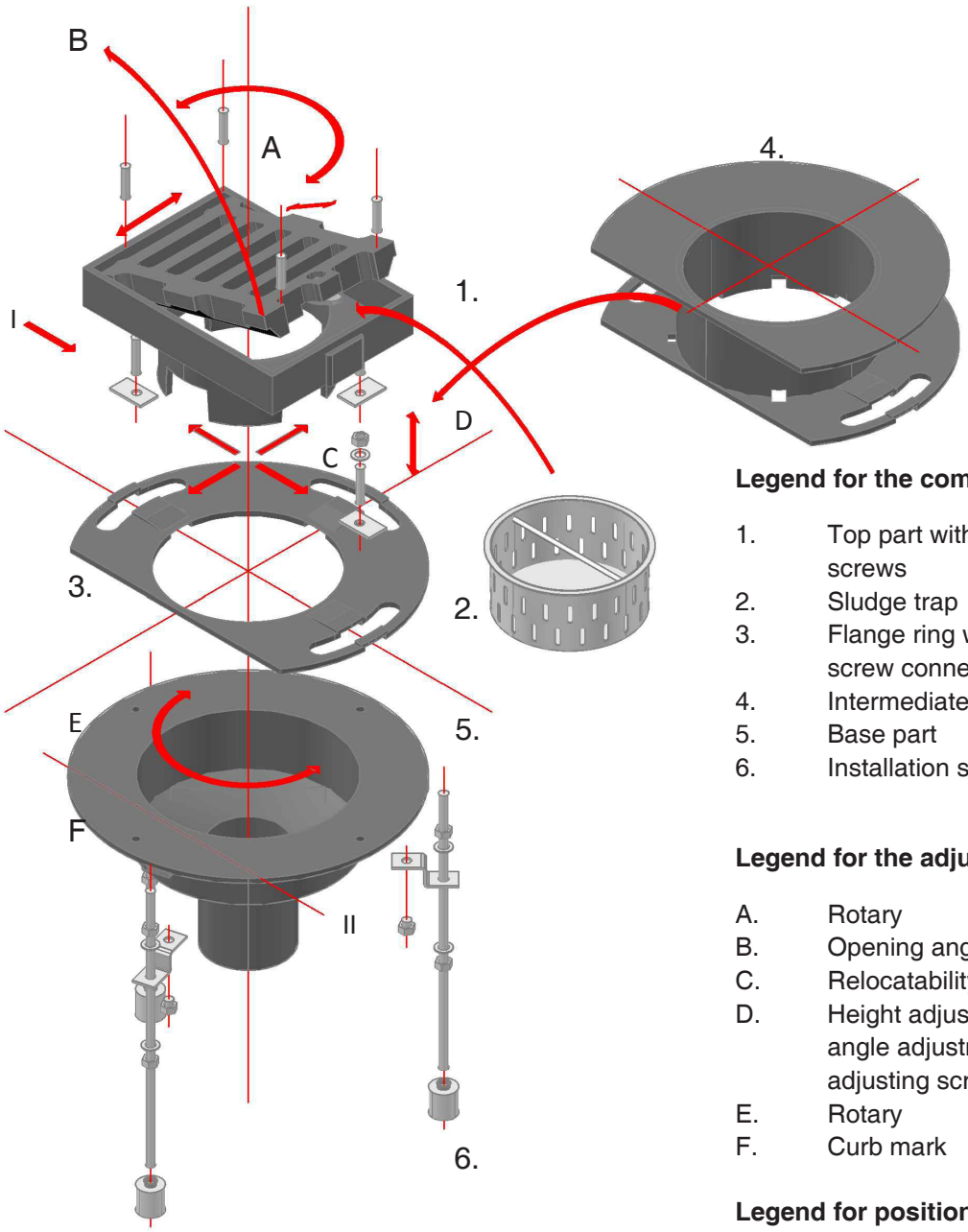
2000

2300

2500

Bridge gully according to (specification drawing) RIZ WAS1

Rotary **H**eight-adjustable **S**liding **A**ngle-adjustable



Legend for the components:

1. Top part with frame, grid, and adjusting screws
2. Sludge trap
3. Flange ring with clamping plates and screw connection
4. Intermediate flange (optional)
5. Base part
6. Installation support

Legend for the adjustment options:

A. Rotary
B. Opening angle ≥ 100°
C. Relocatability ± 20mm
D. Height adjustment and angle adjustment of the top part by adjusting screws
E. Rotary
F. Curb mark

Legend for positioning:

I. Driving direction
II. Curb

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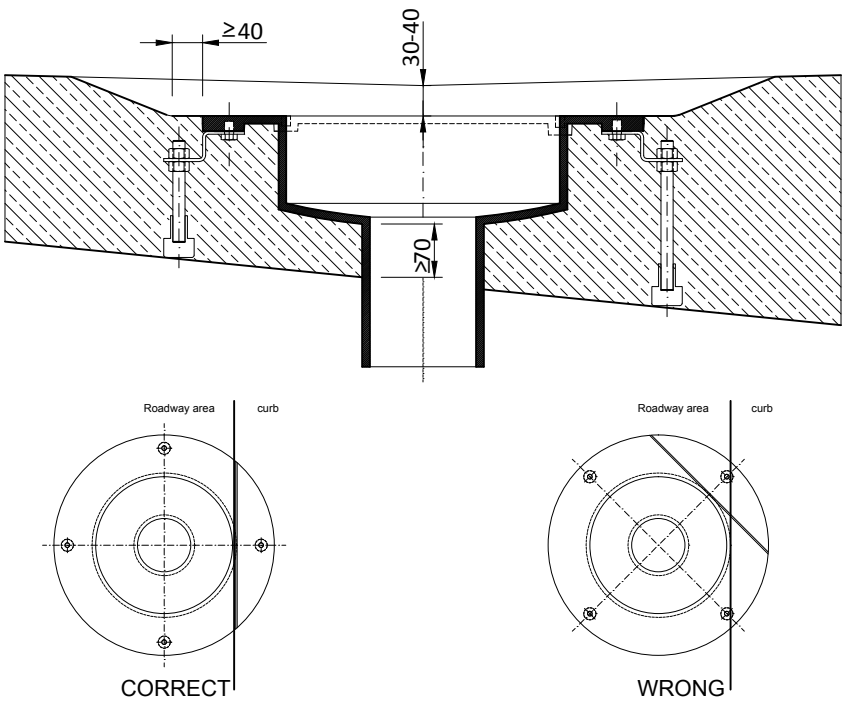
Höllko 2000, 2300, and 2500 series according to RIZ WAS 1

1.) Base part

Position the base part 30-40mm below the upper concrete edge; observe the mark on the base part (curb). If the base part must be installed rotated by 90° or 180°, the distance from the outer edge of the base part to the mark (curb) must remain the same. An easier adjustment with additional installation support is possible (see accessories on page 82). The exact position of the clamping bolts of the flange ring must be paid attention to (see sketch). Pour concrete in the base part and produce a circumferential even concrete surface, 40mm wide, around the base part.



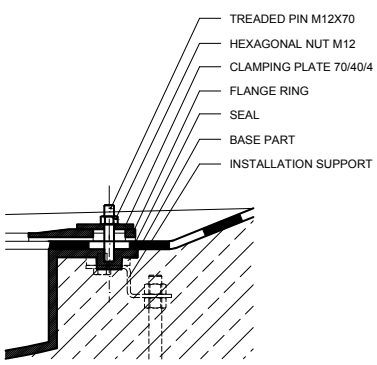
2.) Seal

Apply a sealing layer (according to specification drawing <Leak proof>) across the entire surface of the flange of the base part (protect the screw threads).

3.) Flange ring

Unscrew the thread protection (screws M12x15mm) from the blind holes of the base part.

Attach the flange ring comletely to the surface below, using the attached threaded pins M12x70mm, clamping plates, and nuts in order to clamp the seal. However, do not tighten the screws yet, since the top part must still be positioned correctly.



Höllko 2000, 2300, and 2500 series according to RIZ WAS 1

4.) Top part

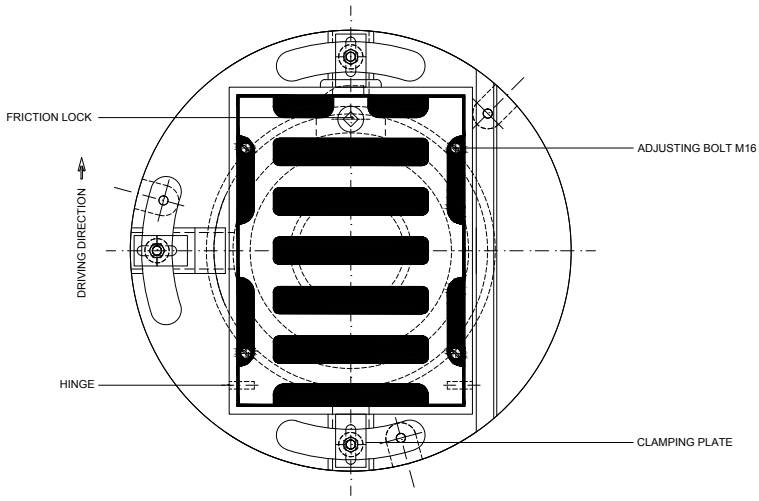
After having produced the curb, align the top part (at a distance of 20-40mm) laterally by relocating the flange ring. Tighten the flange ring fixture.

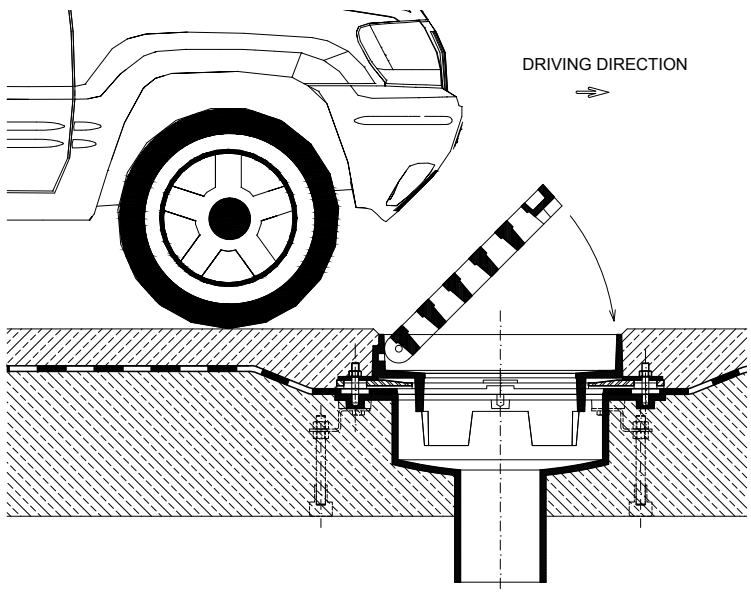
The driving direction must be observed (grid must close in driving direction).

Position the top part at the designed height (10mm below upper edge of the road surface) and inclination by using the adjusting bolts in the top part.

In order to transfer the traffic load, the top part must be lined with a suitable load-bearing material between the upper edge of the flange ring and the lower edge of the frame.

Produce the soak layer and the base course.





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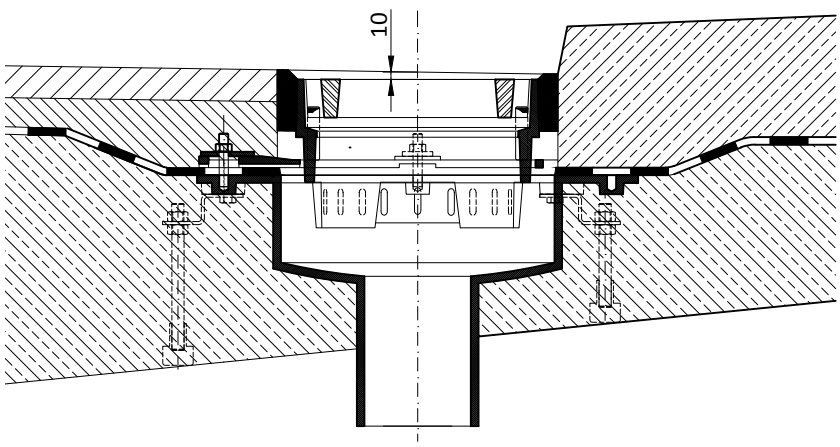
Höllko 2000, 2300, and 2500 series according to RIZ WAS 1

5.) Protective layer and road surface

Create the protective layer and the road surface.

6.) Joints

Seal the joints.



7.) Maintenance

The sludge traps must be inspected and cleaned regularly. The sedimentation located in the frame and the base part must be removed. Each time before closing the grid, its bearing points and the hinge area must be cleaned thoroughly in order to avoid damages.

8.) Trafficability

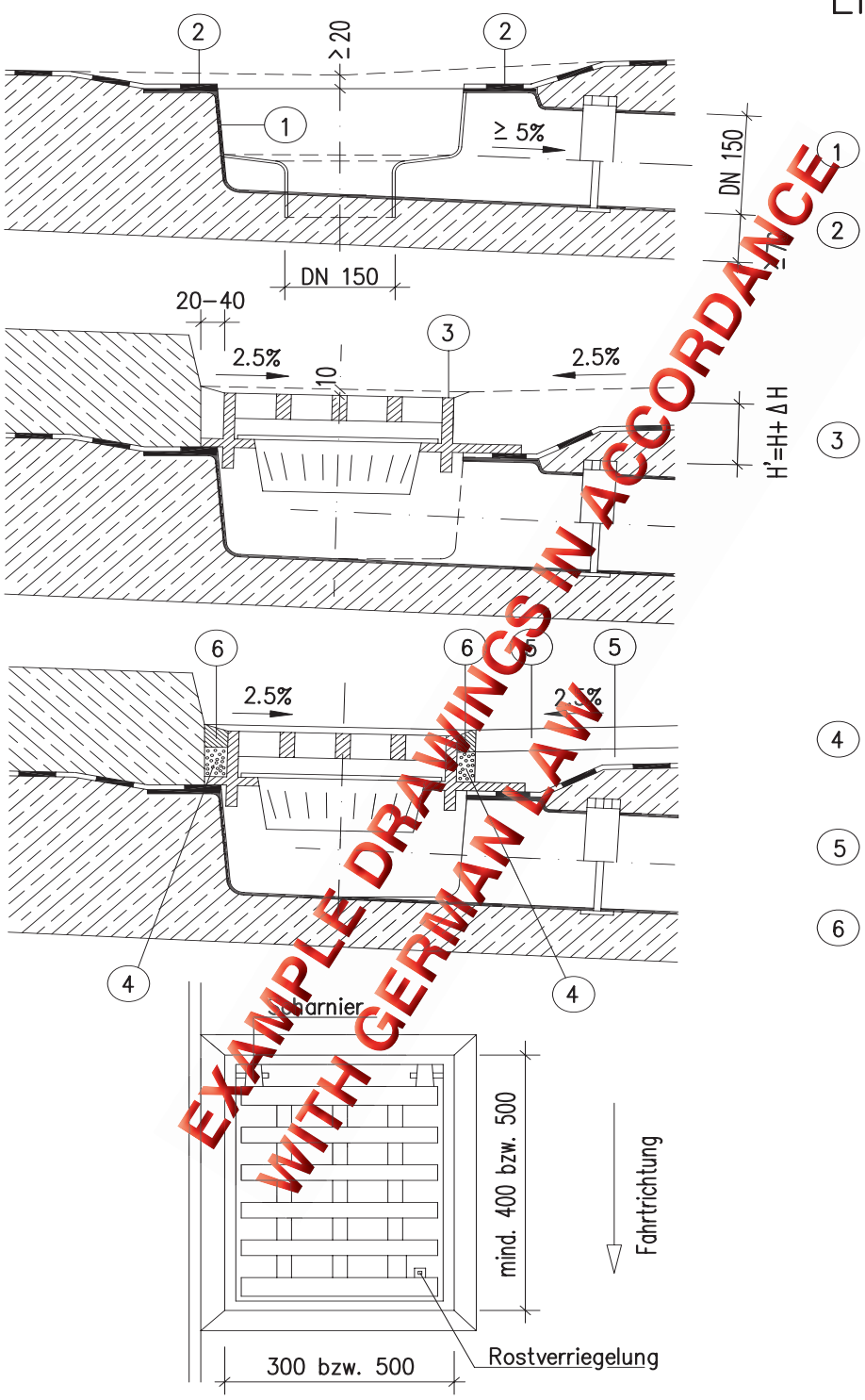
In general, our gullies and reconstruction attachments comply with EN124. By default, our gullies and reconstruction attachments are equipped with hinges and friction locks, to ensure easy maintentance. If vehicles pass these in a permanent manner, a screwed type (grid with frame and 4-fold screw connection with screw locking device) is required.

9.) Further installation instructions

In addition to these installation instructions, you will find further installation instructions on the internet at www.hoellko.com, for example installation of E-gullies and reconstruction attachments, etc.

(Specification drawing) RIZ WAS 1

Prinzipskizzen



EXAMPLE DRAWINGS IN ACCORDANCE WITH GERMAN LAW

Einbauvorgang

Die Einbauanweisung des Herstellers ist zu beachten.

1. Unterteil mit Abstützung auf die Schalung setzen.
2. Dichtungsschicht gemäß Dicht anschließen. (Pressdichtungsflansch mit b ≥ 70 mm, Klebeflansch mit b ≥ 100 mm, gem. DIN EN 1253).
3. Nach Herstellung der Kappe Oberteil (Rahmen, Rost) auf planmäßige Höhe und Neigung (10 mm unter OK Belag) versetzen und Schlammeimer einhängen.
4. Sickerschicht aus kunstharzgebundenem Einkornbeton (8–16 mm) rundum bis OK Schutzschicht einbauen.
5. Schutz- und Deckschicht herstellen.
6. Fugen vergießen.

Ablauf: Nach ZTV-ING 8-5 2, stufenlos höhenverstellbar ΔH=0 bis mind. 45 mm, neigungs- und seitenverstellbar sowie drehbar.
Klassifizierung: Klasse D 400 nach DIN EN 124 und DIN 1229.
Befestigung: Durch Scharnier und Rostverriegelung (gesichert).
Einlaufquerschnitt: ≥ 500 cm² (Rostgröße 300 x mind. 400)
≥ 1.100 cm² (Rostgröße 500 x 500).
Entwässerung: Von Betonoberfläche, Dichtungs- und Schutzschicht durch seitliche Sickeröffnungen.
Werkstoff: Rost aus Sphäroguss (GGG), Rahmen und Unterteil aus Grauguss (GG), Schlammeimer aus Stahl (feuerverzinkt) mit umlaufendem Auflagerkragen und Notüberlauf z.B. durch Entwässerungsschlitze.

Bundesanstalt für Straßenwesen

bast

Brückenablauf
Anforderungen und Einbauvorgänge

Richtzeichnung

Was 1

Dez. 2009

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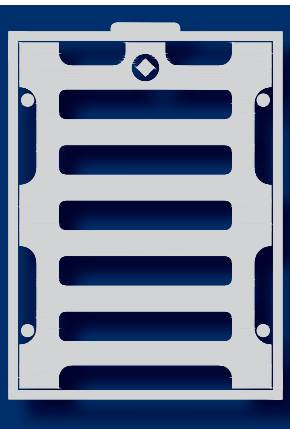
BRIDGE GULLY 2000 SERIES ACCORDING TO WAS1



GRID SIZE 300 X 400

Product description/tender specification

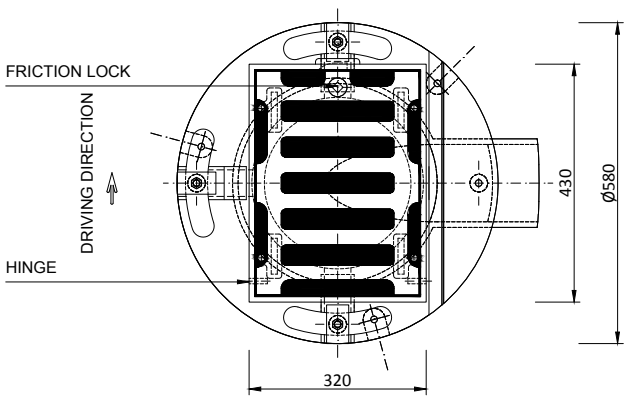
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 400mm, designs HÖLLKO 2000/150 (ND 150) and 2000/100 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 400mm, test load class D 400
Slot width 36mm – intake capacity 565cm² (standard) and/or
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with lateral outlet ND 150 (ND 100), 3° inclination
Sludge trap made of steel sheet, hot-galvanised, volume 6L

TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

TOP VIEW SW36 (top part, including grid, flange, base part)



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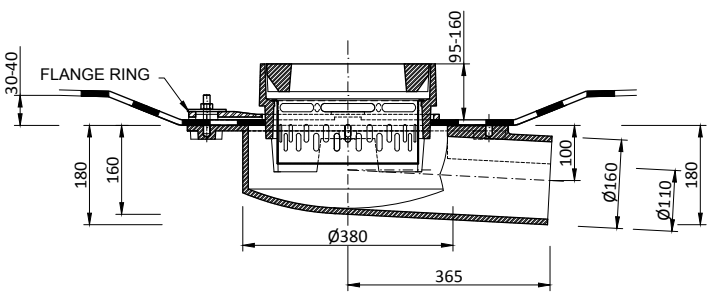
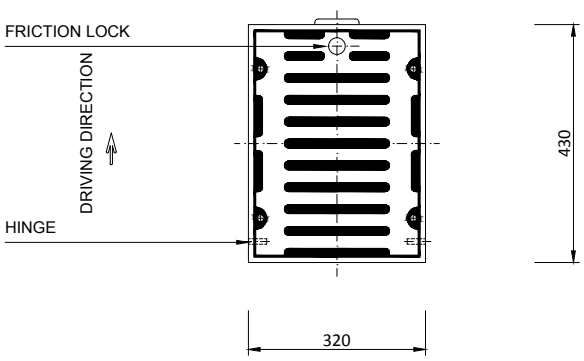


TOP VIEW SW16 (top part only, including grid)



Gully made of cast iron		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-100-SW36	BA2000-100-SW16
ND150	BA2000-150-SW36	BA2000-150-SW16

Base part made of stainless steel (top part made of cast iron)		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-100-SW36-VA	BA2000-100-SW16-VA
ND150	BA2000-150-SW36-VA	BA2000-150-SW16-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 20
- Circular flange / vario flange — Accessories on page 21
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

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Product description/tender specification

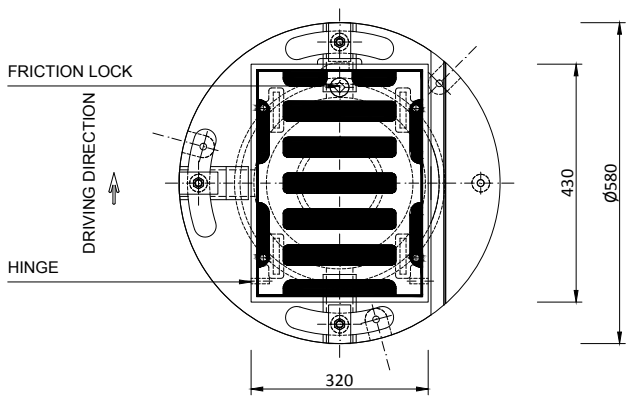
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 400mm, designs HÖLLKO 2000/250 (ND 150) and 2000/200 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 400mm, test load class D 400
Slot width 36mm – intake capacity 565cm² (standard) and/or
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with vertical outlet ND 150 (ND 100)
Sludge trap made of steel sheet, hot-galvanised, volume 6L

TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

TOP VIEW SW36 (top part, including grid, flange, base part)



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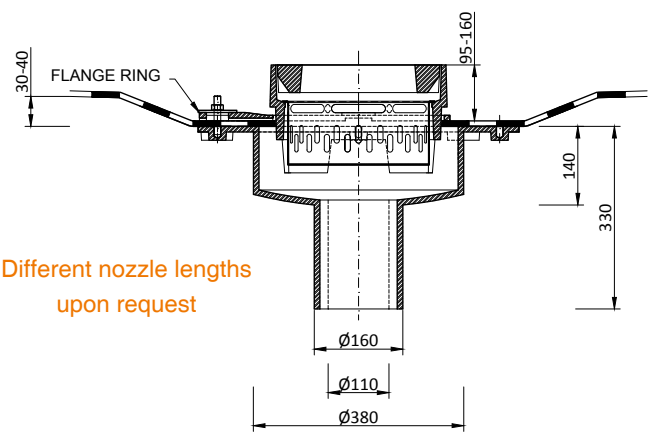
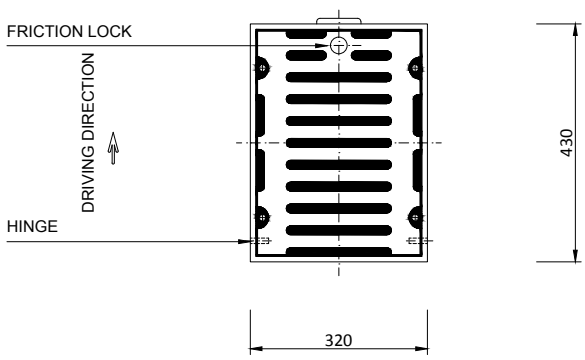


Different nozzle lengths upon request

TOP VIEW SW16 (top part only, including grid)



Gully made of cast iron		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-200-SW36	BA2000-200-SW16
ND150	BA2000/250-SW36	BA2000-250-SW16

Base part made of stainless steel (top part made of cast iron)		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-200-SW36-VA	BA2000-200-SW16-VA
ND150	BA2000-250-SW36-VA	BA2000-250-SW16-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 20
- Circular flange / vario flange — Accessories on page 21
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Product description/tender specification

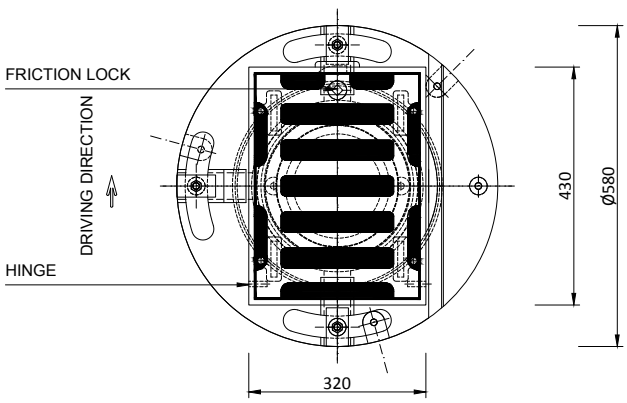
**Cast-iron bridge gully for incremental launching methods, including flange and flange ring with soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 400mm,
gully with suspended pipe made of stainless steel, material 1.4571,
designs HÖLLKO 2000/250E (ND 150) and 2000/200E (ND 100)**

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 400mm, test load class D 400
Slot width 36mm – intake capacity 565cm² (standard) and/or
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Suspended pipe made of stainless steel,
material 1.4571 ND 150 (ND 100), GRP jacket pipe ND 200
Sludge trap made of steel sheet, hot-galvanised, volume 6L

TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

TOP VIEW SW36 (top part, including grid, flange, base part)



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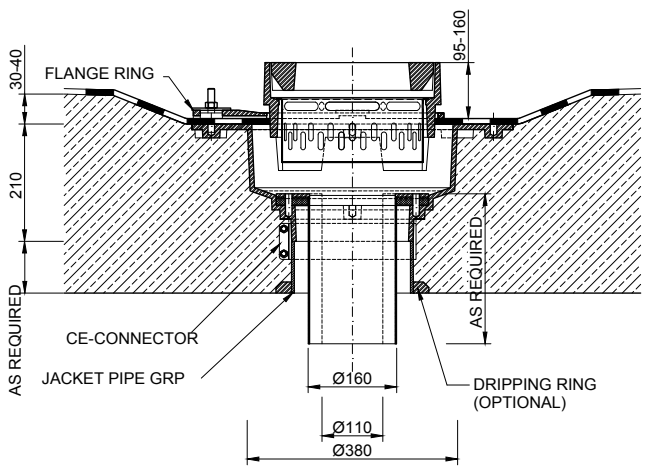
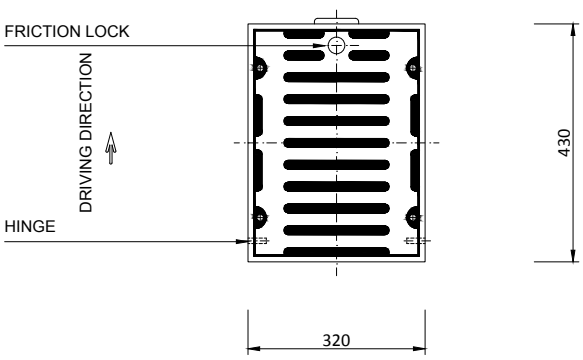


TOP VIEW SW16 (top part only, including grid)



Gully made of cast iron		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-200E-SW36	BA2000-200E-SW16
ND150	BA2000-250E-SW36	BA2000-250E-SW16

Base part made of stainless steel (top part made of cast iron)		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-200E-SW36-VA	BA2000-200E-SW16-VA
ND150	BA2000-250E-SW36-VA	BA2000-250E-SW16-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 20
- Circular flange / vario flange — Accessories on page 21
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83
- Dripping ring — Accessories on page 83

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Product description/tender specification

Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 400mm, designs HÖLLKO 2000/350 (ND 150) and 2000/300 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 400mm, test load class D 400
Slot width 36mm – intake capacity 565cm² (standard) and/or
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with asymmetrical outlet 45°, ND 150 (ND 100)
Sludge trap made of steel sheet, hot-galvanised, volume 6L

TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

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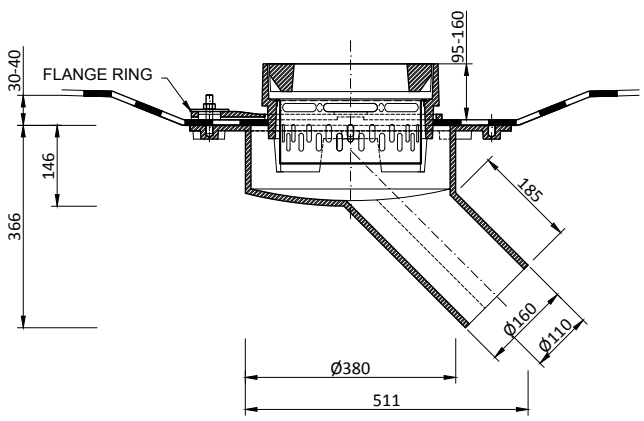
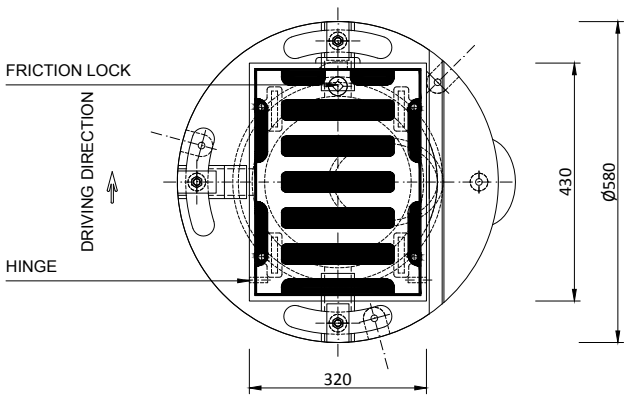
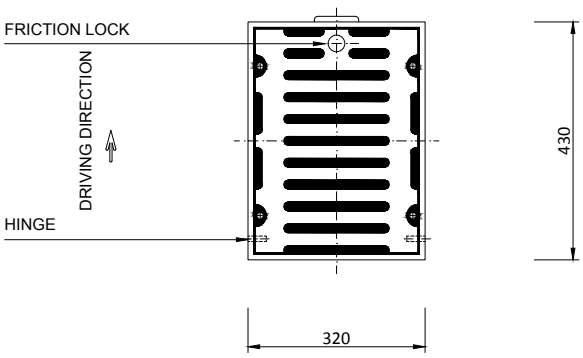


Different nozzle lengths upon request

TOP VIEW SW36 (top part, including grid, flange, base part)



TOP VIEW SW16 (top part only, including grid)



Gully made of cast iron		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-300-SW36	BA2000-300-SW16
ND150	BA2000-350-SW36	BA2000-350-SW16

Base part made of stainless steel (top part made of cast iron)		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-300-SW36-VA	BA2000-300-SW16-VA
ND150	BA2000-350-SW36-VA	BA2000-350-SW16-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 20
- Circular flange / vario flange — Accessories on page 21
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Product description/tender specification

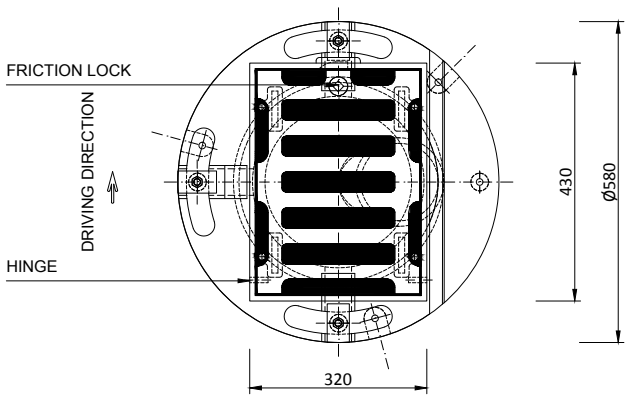
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 400mm, designs HÖLLKO 2000/450 (ND 150) and 2000/400 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 400mm, test load class D 400
Slot width 36mm – intake capacity 565cm² (standard) and/or
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base with asymmetrical, vertical outlet ND 150 (ND 100)
Sludge trap made of steel sheet, hot-galvanised, volume 6L

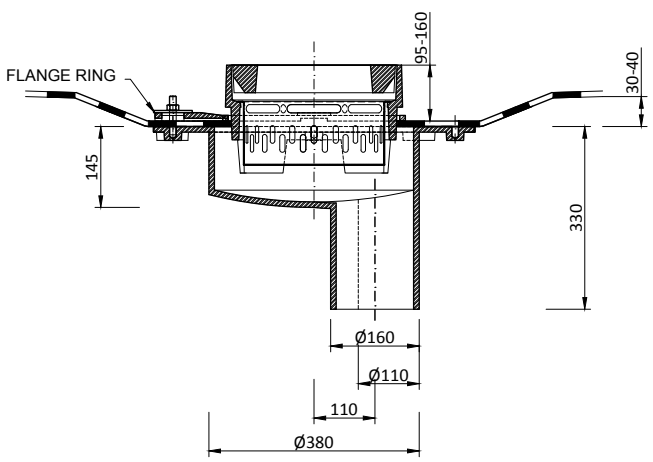
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

TOP VIEW SW36 (top part, including grid, flange, base part)

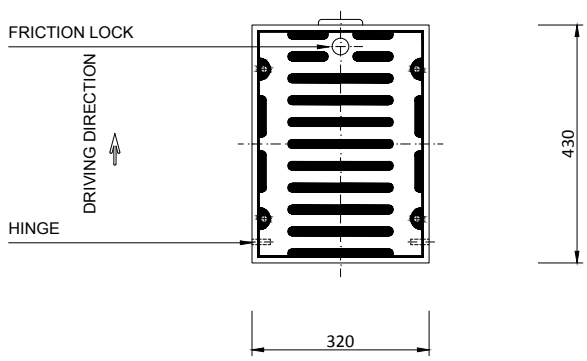


SECTION



Different nozzle lengths upon request

TOP VIEW SW16 (top part only, including grid)



Gully made of cast iron		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-400-SW36	BA2000-400-SW16
ND150	BA2000-450-SW36	BA2000-450-SW16

Base part made of stainless steel (top part made of cast iron)		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-400-SW36-VA	BA2000-400-SW16-VA
ND150	BA2000-450-SW36-VA	BA2000-450-SW16-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 20
- Circular flange / vario flange — Accessories on page 21
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Subject to technical changes - © with Höllko®

Product description/tender specification

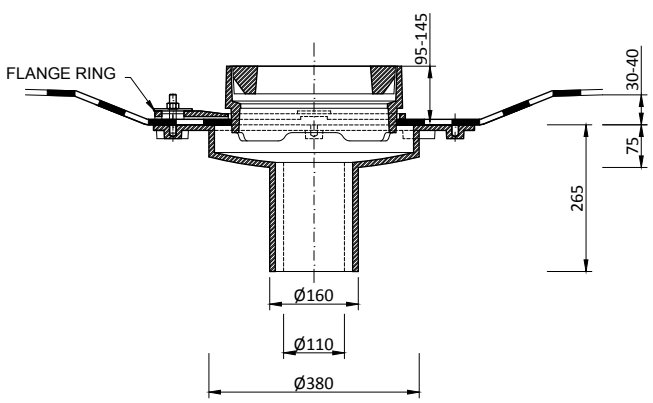
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 400mm, designs HÖLLKO 2000/550 (ND 150) and 2000/500 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 400mm, test load class D 400
Slot width 36mm – intake capacity 565cm² (standard) and/or
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base with vertical outlet ND 150 (ND 100)
Without sludge trap
(Sludge trap made of steel sheet, hot-galvanised, volume 3L available upon request)

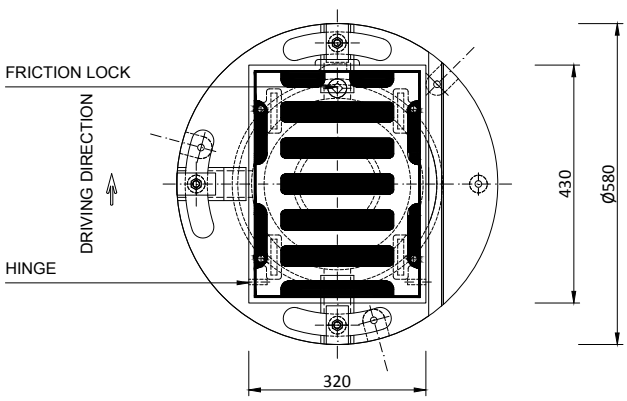
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

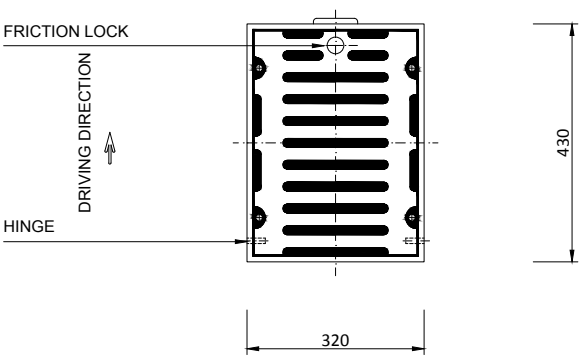
SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



TOP VIEW SW16 (top part only, including grid)



Different nozzle lengths upon request

Gully made of cast iron		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-500-SW36	BA2000-500-SW16
ND150	BA2000-550-SW36	BA2000-550-SW16

Base part made of stainless steel (top part made of cast iron)		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-500-SW36-VA	BA2000-500-SW16-VA
ND150	BA2000-550-SW36-VA	BA2000-550-SW16-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 20
- Circular flange / vario flange — Accessories on page 21
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Product description/tender specification

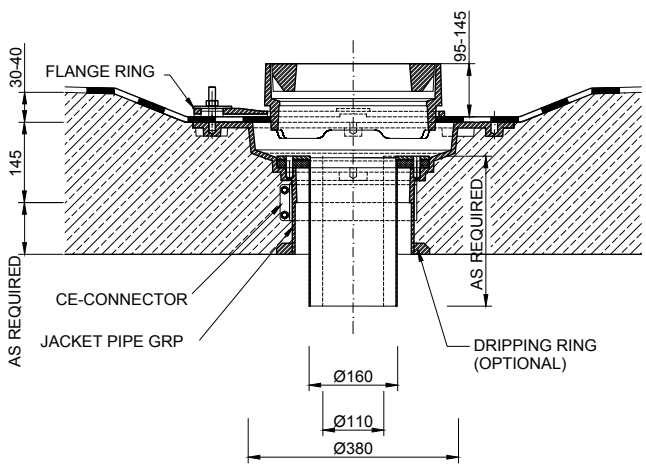
**Cast-iron bridge gully for incremental launching methods, including flange and flange ring with soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 400mm,
gully with suspended pipe made of stainless steel, material 1.4571, designs HÖLLKO 2000/550E (ND 150) and 2000/500E (ND 100)**

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 400mm, test load class D 400
Slot width 36mm – intake capacity 565cm² (standard) and/or
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Suspended pipe made of stainless steel,
material 1.4571 ND 150 (ND 100), GRP jacket pipe ND 200
Without sludge trap
(Sludge trap made of steel sheet, hot-galvanised,
volume 3L, available upon request)

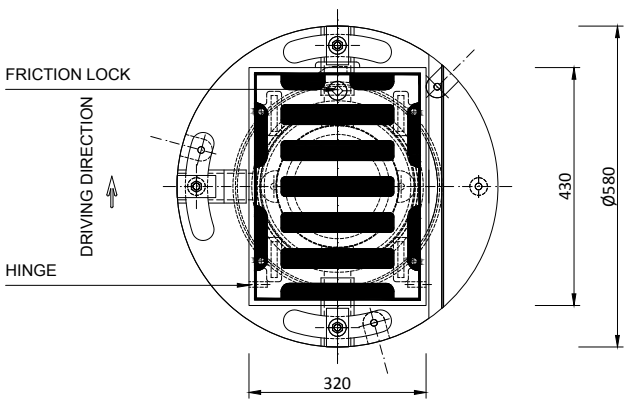
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

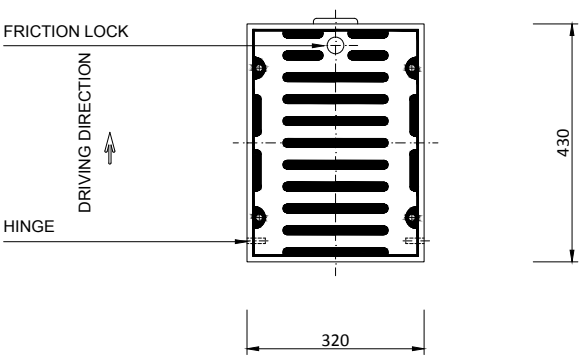
SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



TOP VIEW SW16 (top part only, including grid)



Gully made of cast iron		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-500E-SW36	BA2000-500E-SW16
ND150	BA2000-550E-SW36	BA2000-550E-SW16

Base part made of stainless steel (top part made of cast iron)		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-500E-SW36-VA	BA2000-500E-SW16-VA
ND150	BA2000-550E-SW36-VA	BA2000-550E-SW16-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 20
- Circular flange / vario flange — Accessories on page 21
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83
- Dripping ring — Accessories on page 83

Subject to technical changes - © with Höllko®

Product description/tender specification

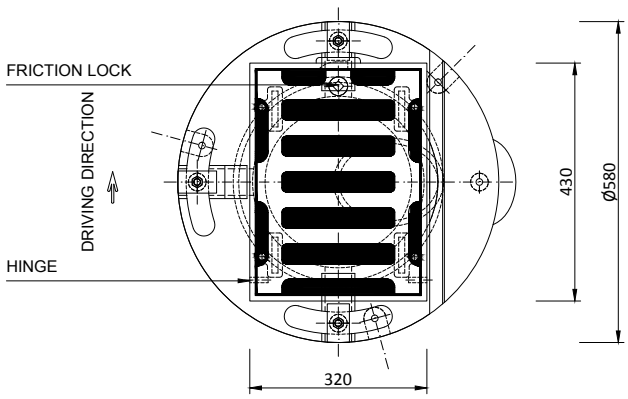
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 400mm, designs HÖLLKO 2000/650 (ND 150) and 2000/600 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 400mm, test load class D 400
Slot width 36mm – intake capacity 565cm² (standard) and/or
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with asymmetrical outlet 45°, ND 150 (ND 100)
Without sludge trap
(Sludge trap made of steel sheet, hot-galvanised, volume 3L, available upon request)

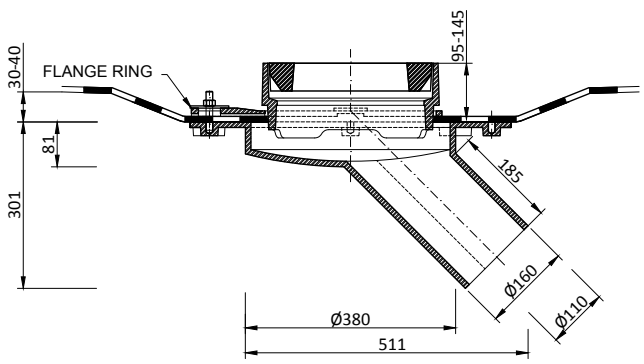
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

TOP VIEW SW36 (top part, including grid, flange, base part)

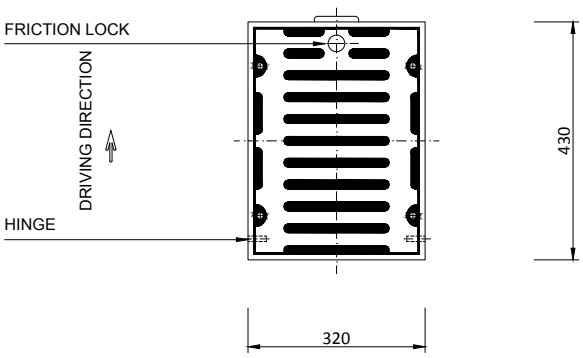


SECTION



Different nozzle lengths upon request

TOP VIEW SW16 (top part only, including grid)



Gully made of cast iron		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-600-SW36	BA2000-600-SW16
ND150	BA2000-650-SW36	BA2000-650-SW16

Base part made of stainless steel (top part made of cast iron)		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-600-SW36-VA	BA2000-600-SW16-VA
ND150	BA2000-650-SW36-VA	BA2000-650-SW16-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 20
- Circular flange / vario flange — Accessories on page 21
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Product description/tender specification

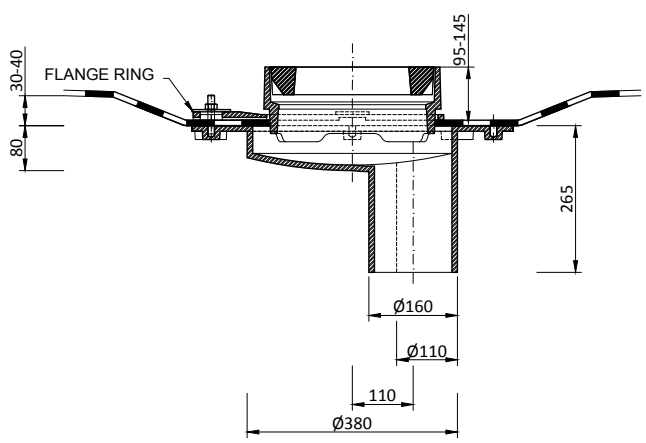
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 400mm, designs HÖLLKO 2000/750 (ND 150) and 2000/700 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 400mm, test load class D 400
Slot width 36mm – intake capacity 565cm² (standard) and/or
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with asymmetrical, vertical outlet ND 150 (ND 100)
Without sludge trap
(Sludge trap made of steel sheet, hot-galvanised, volume 3L available upon request)

TÜVRheinland® LGA tested 71710 EN 124

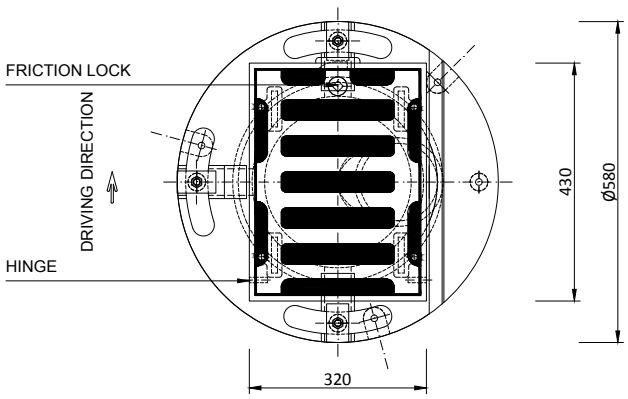
For notes on the installation procedure, see installation instructions page 4-8.

SECTION

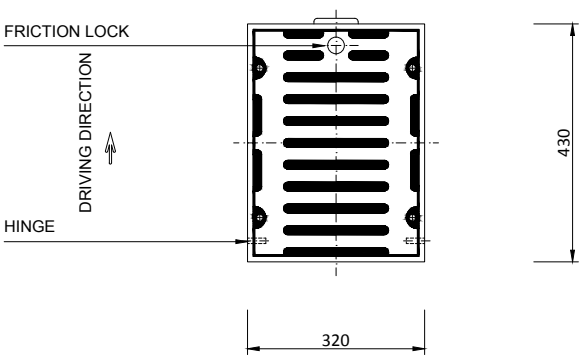


Different nozzle lengths upon request

TOP VIEW SW36 (top part, including grid, flange, base part)



TOP VIEW SW16 (top part only, including grid)



Gully made of cast iron		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-700-SW36	BA2000-700-SW16
ND150	BA2000-750-SW36	BA2000-750-SW16

Base part made of stainless steel (top part made of cast iron)		
Rated width	Item no. SW 36	Item no. SW 16
ND100	BA2000-700-SW36-VA	BA2000-700-SW16-VA
ND150	BA2000-750-SW36-VA	BA2000-750-SW16-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 20
- Circular flange / vario flange — Accessories on page 21
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Subject to technical changes - © with Höllko®

TOP PART 1010

Product description/tender specification

Cast-iron top part with integrated flange ring (special design height 65mm) suitable for bridge gullies of the 2000 series class D 400 according to DIN EN 124/1229, grid size 300 x 400mm, design HÖLLKO 1010

TÜVRheinland® LGA tested 71710 EN 124

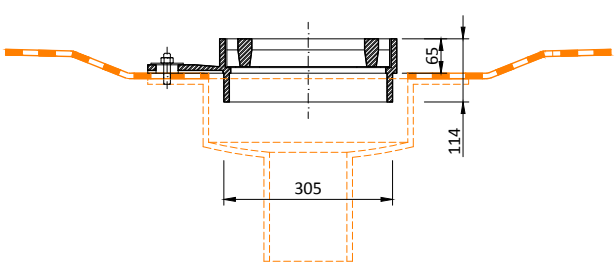
Top part sliding and rotary
Slot width 36mm – intake capacity 565cm² (standard)
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
suitable sludge traps available upon request

Special solution for base gully parts of the 2000 series that were concreted in too high

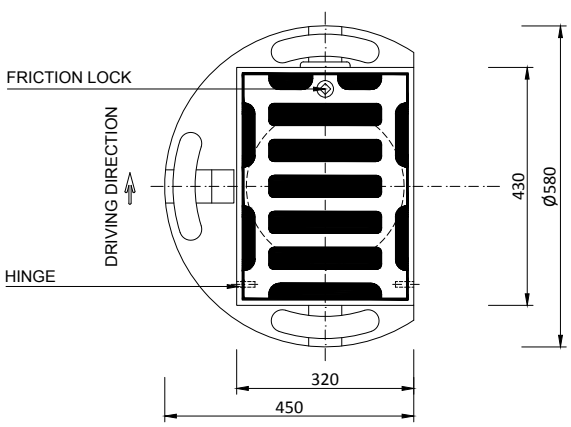
Installation notes:

When using the top bridge gully part, the standard flange ring is not required.

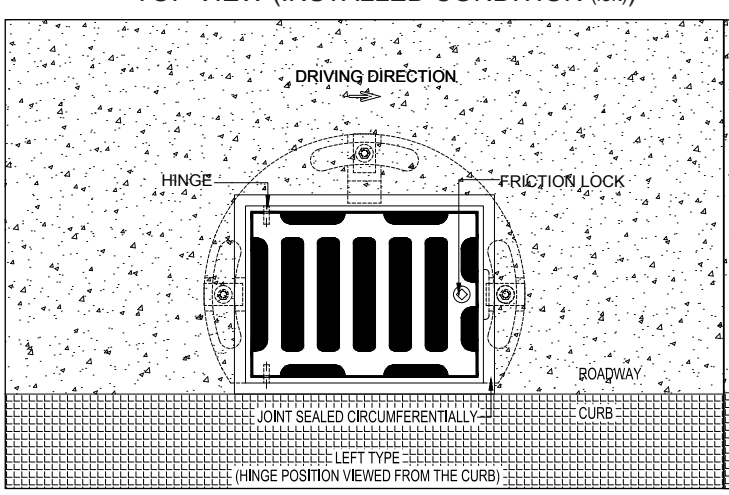
SECTION



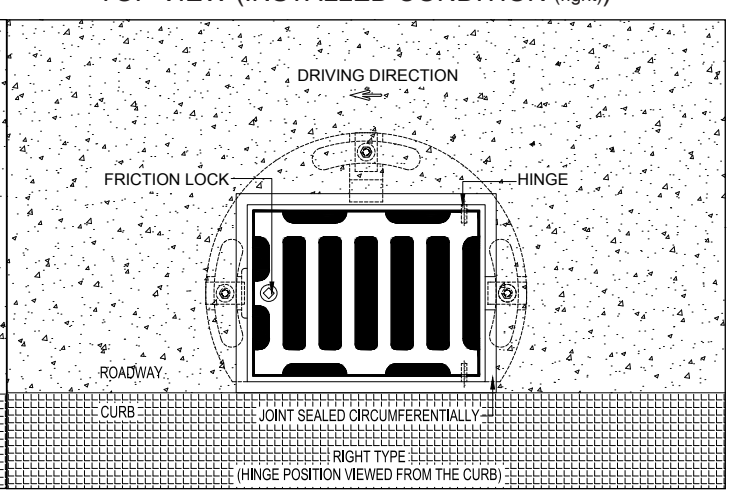
TOP VIEW SW36 (top part, including grid)



TOP VIEW (INSTALLED CONDITION (left))



TOP VIEW (INSTALLED CONDITION (right))



Top part made of cast iron		
Design	Item no.	Item no.
left	BAOT1010-SW36-L	BAOT1010-SW16-L
right	BAOT1010-SW36-R	BAOT1010-SW16-R

BRIDGE GULLY - OPTIONS - FLANGE

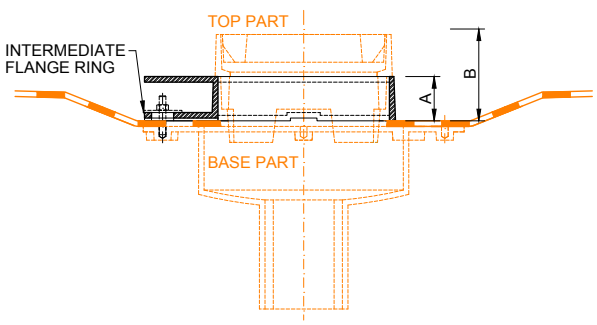
Product description/tender specification

Cast-iron intermediate flange for additional height adjustment suitable for design HÖLLKO 2000, grid size 300 x 400mm

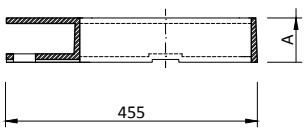
Installation notes:

The intermediate flange replaces the standard flange.

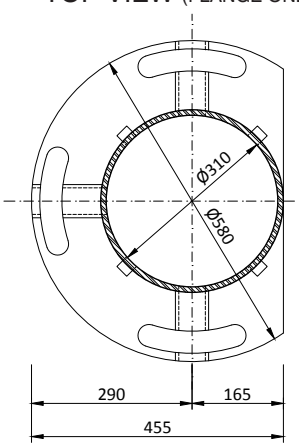
SECTION (INSTALLED CONDITION)



SECTION (FLANGE ONLY)



TOP VIEW (FLANGE ONLY)



Intermediate flange made of cast iron		
Design heights (A) (mm)	Adjustment range (B) (mm)	Item no.
60	140 - 205	ZWFL2000-060
80	160 - 225	ZWFL2000-080
120	200 - 265	ZWFL2000-120
160	240 - 305	ZWFL2000-160
200	280 - 345	ZWFL2000-200

Variations of design heights are possible by combining the intermediate flanges.

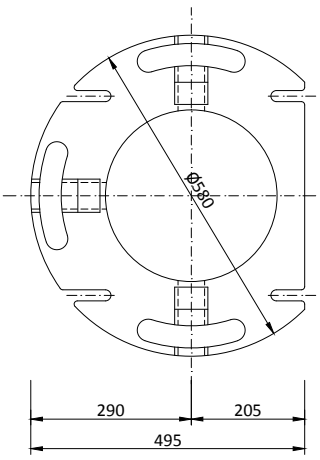
Please specify the required design heights when ordering.

Subject to technical changes - © with Höllko®

Product description/tender specification

Cast-iron flange ring suitable for base parts of the design HÖLLKO 2000 installed rotated by 45°, grid size 300 x 400mm,

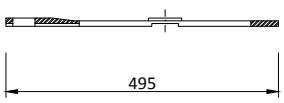
TOP VIEW



Installation notes:

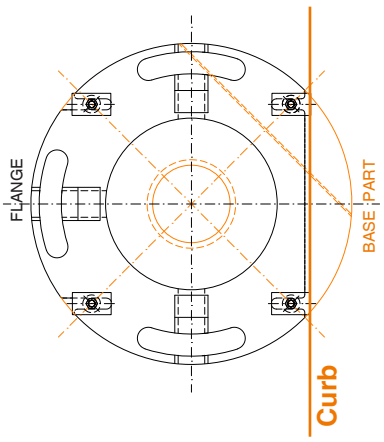
The flange ring replaces the standard flange.

SECTION



Flange ring made of cast iron	
Design height (mm)	Item no.
15	FL2000V

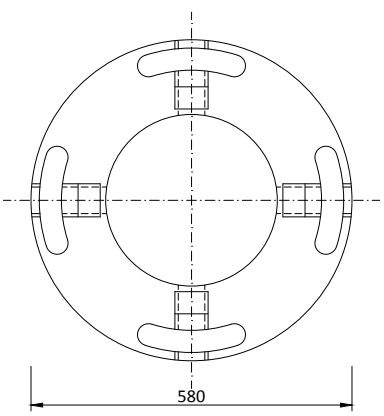
TOP VIEW
(INSTALLED CONDITION WITH BASE PART ROTATED BY 45°)



Product description/tender specification

Cast-iron flange ring (circular design) for completely pressing the sealing layer suitable for design HÖLLKO 2000, grid size 300 x 400mm

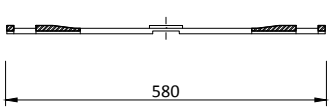
TOP VIEW



Installation notes:

The flange ring replaces the standard flange.

SECTION

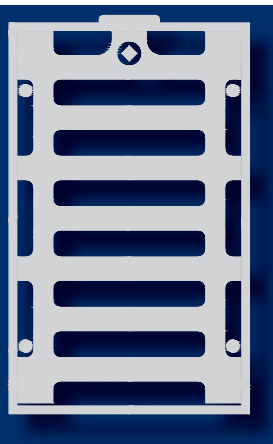


Circular flange ring made of cast iron	
Design height (mm)	Item no.
15	FL2000R

SPACE FOR NOTES

Subject to technical changes - © with Höllko®

BRIDGE GULLY 2300 SERIES ACCORDING TO WAS1



GRID SIZE 300 X 500

BRIDGE GULLY 2300/1

Product description/tender specification

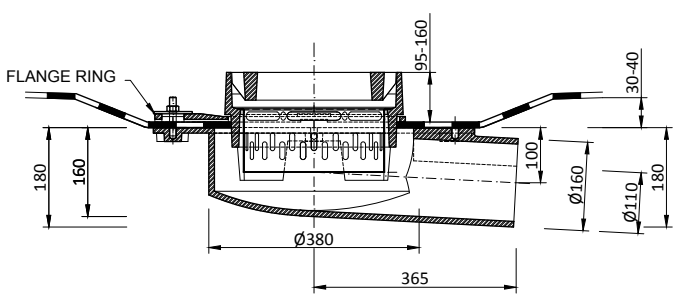
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 500mm, designs HÖLLKO 2300/150 (ND 150) and 2300/100 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 500mm, test load class D 400
Slot width 36mm – intake capacity 700cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with vertical outlet ND 150 (ND 100), 3° inclination
Sludge trap made of steel sheet, hot-galvanised, volume 6L

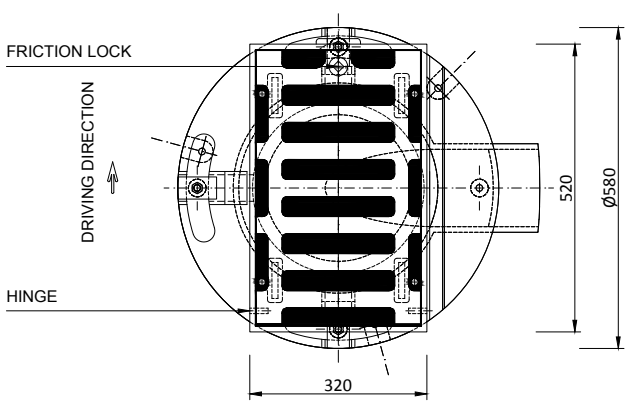
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2300-100-SW36
ND150	BA2300-150-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2300-100-SW36-VA
ND150	BA2300-150-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 33
- Circular flange / vario flange — Accessories on page 34
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

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BRIDGE GULLY 2300/2

Product description/tender specification

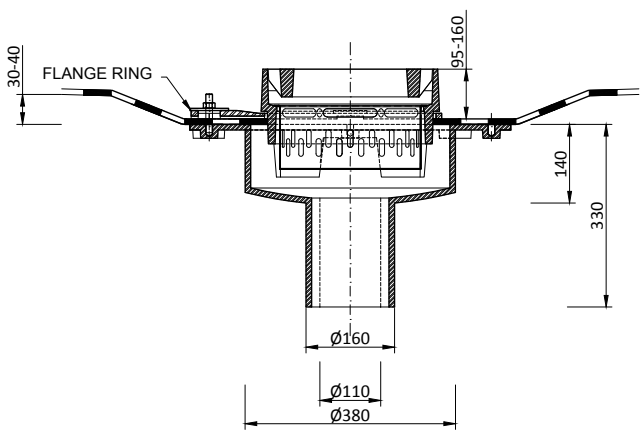
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 500mm, designs HÖLLKO 2300/250 (ND 150) and 2300/200 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 500mm, test load class D 400
Slot width 36mm – intake capacity 700cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with vertical outlet ND 150 (ND 100)
Sludge trap made of steel sheet, hot-galvanised, volume 6L

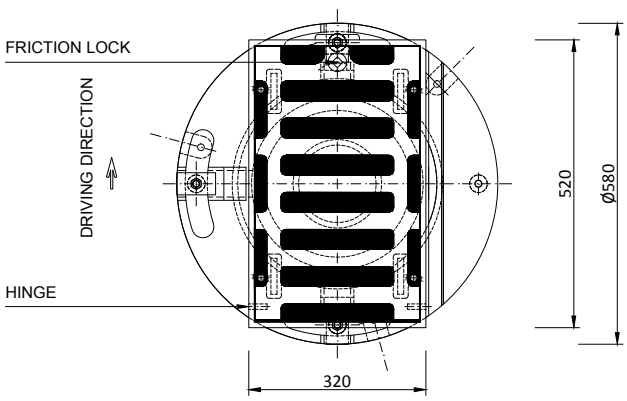
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Different nozzle lengts upon request

Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2300-200-SW36
ND150	BA2300-250-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2300-200-SW36-VA
ND150	BA2300-250-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 33
- Circular flange / vario flange — Accessories on page 34
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

BRIDGE GULLY 2300/2E

Product description/tender specification

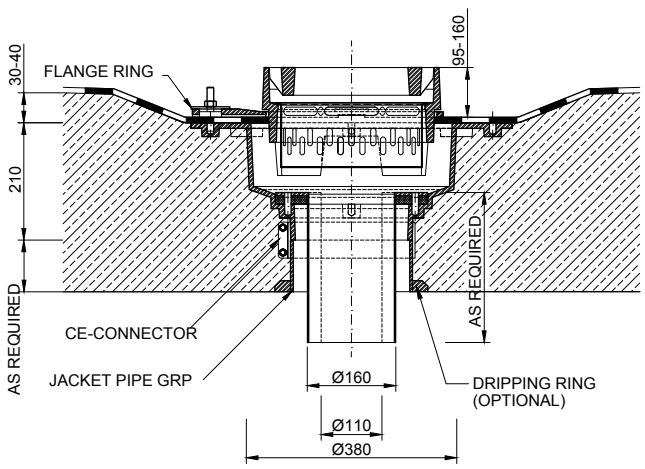
**Cast-iron bridge gully for incremental launching methods, including flange and flange ring with soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 500mm,
drain with suspended pipe made of stainless steel, material 1.4571,
designs HÖLLKO 2300/250E (ND 150) and 2300/200E (ND 100)**

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 500mm, test load class D 400
Slot width 36mm – intake capacity 700cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Suspended pipe made of stainless steel, material 1.4571 ND 150
(ND 100) GRP jacket pipe ND 200
Sludge trap made of steel sheet, hot-galvanised, volume 6L

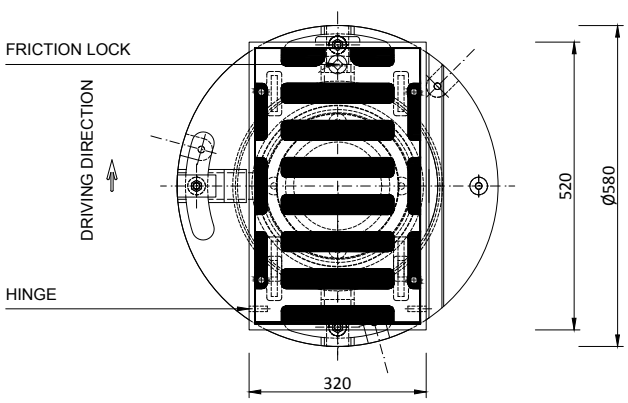
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2300-200E-SW36
ND150	BA2300-250E-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2300-200E-SW36-VA
ND150	BA2300-250E-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 33
- Circular flange / vario flange — Accessories on page 34
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83
- Dripping ring — Accessories on page 83

Subject to technical changes - © with Höllko®

BRIDGE GULLY 2300/3

Product description/tender specification

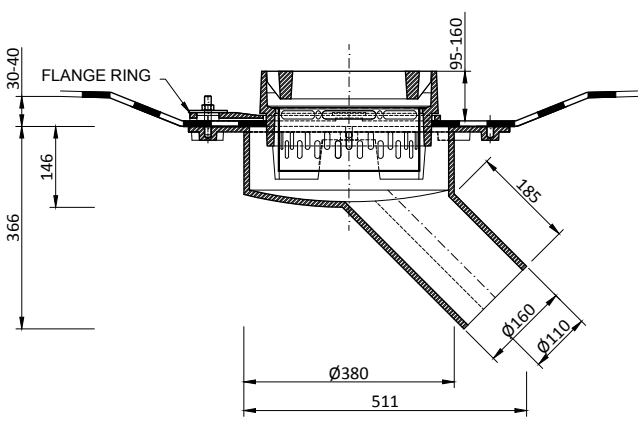
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 500 mm, designs HÖLLKO 2300/350 (ND 150) and 2300/300 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 500mm, test load class D 400
Slot width 36mm – intake capacity 700cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with asymmetrical outlet 45°, ND 150 (ND 100)
Sludge trap made of steel sheet, hot-galvanised, volume 6L

TÜVRheinland® LGA tested 71710 EN 124

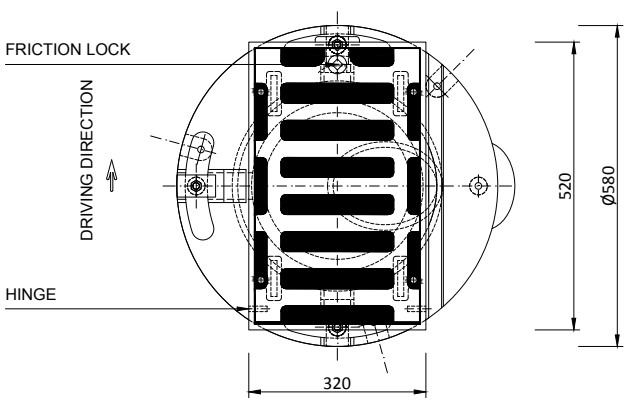
For notes on the installation procedure, see installation instructions page 4-8.

SECTION



Different nozzle lengths upon request

TOP VIEW SW36 (top part, including grid, flange, base part)



Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2300-300-SW36
ND150	BA2300-350-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2300-300-SW36-VA
ND150	BA2300-350-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 33
- Circular flange / vario flange — Accessories on page 34
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Product description/tender specification

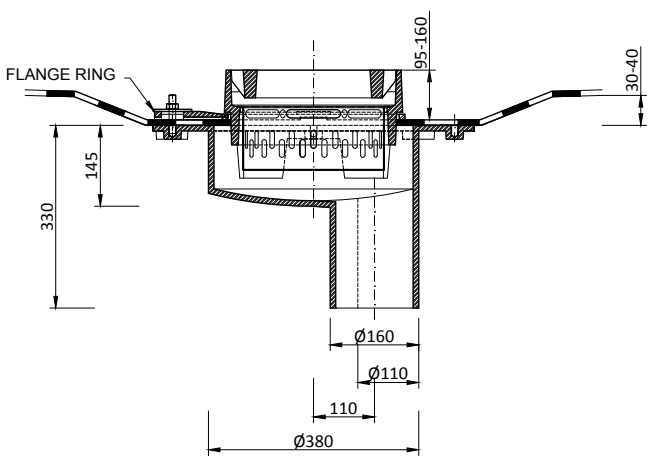
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 500 mm, designs HÖLLKO 2300/450 (ND 150) and 2300/400 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 500mm, test load class D 400
Slot width 36mm – intake capacity 700cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with asymmetrical, vertical outlet ND 150
(ND 100) Sludge trap made of steel sheet, hot-galvanised, volume 6L

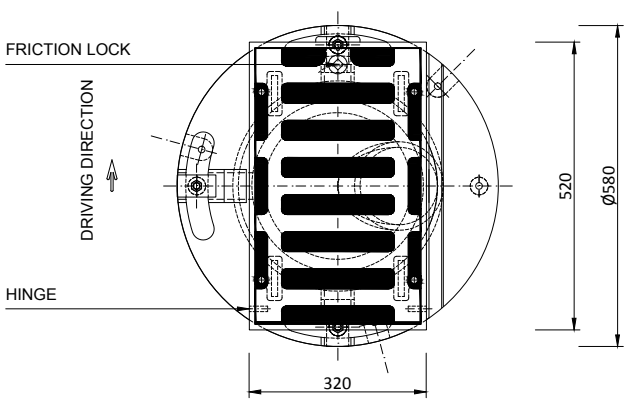
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Different nozzle lengths upon request

Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2300-400-SW36
ND150	BA2300-450-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2300-400-SW36-VA
ND150	BA2300-450-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 33
- Circular flange / vario flange — Accessories on page 34
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Subject to technical changes - © with Höllko®

Product description/tender specification

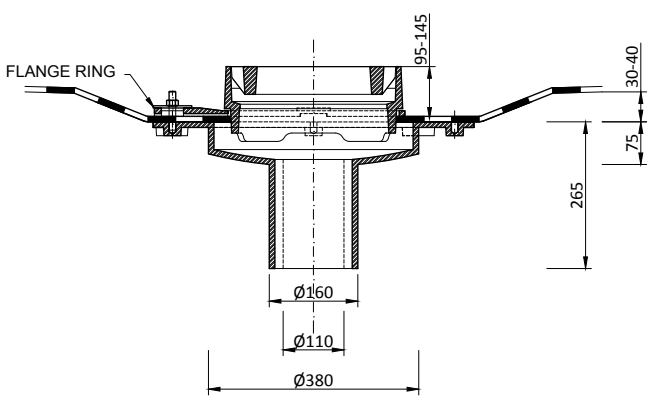
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 500 mm, designs HÖLLKO 2300/550 (ND 150) and 2300/500 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 500mm, test load class D 400
Slot width 36mm – intake capacity 700cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with vertical outlet ND 150 (ND 100)
Without sludge trap
(Sludge trap made of steel sheet, hot-galvanised, volume 3L
available upon request)

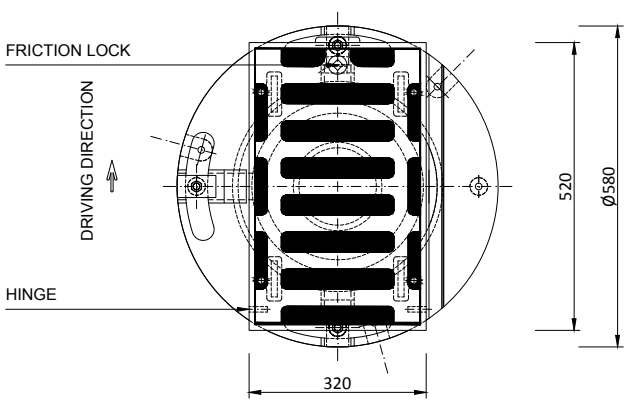
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Different nozzle lengths upon request

Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2300-500-SW36
ND150	BA2300-550-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2300-500-SW36-VA
ND150	BA2300-550-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 33
- Circular flange / vario flange — Accessories on page 34
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

BRIDGE GULLY 2300/5E

Product description/tender specification

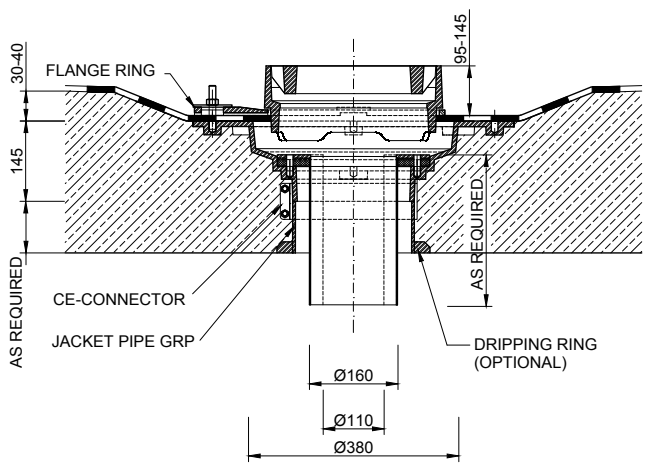
Cast-iron bridge gully for incremental launching methods, including flange and flange ring with soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 500mm, drain with suspended pipe made of stainless steel, material 1.4571, designs HÖLLKO 2300/550E (ND 150) and 2300/500E (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 500mm, test load class D 400
Slot width 36mm – intake capacity 700cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Suspended pipe made of stainless steel, material 1.4571 ND 150 (ND 100)
GRP jacket pipe ND 200.
Without sludge trap.
(Sludge trap made of steel sheet, hot-galvanised, volume 3L,
available upon request)

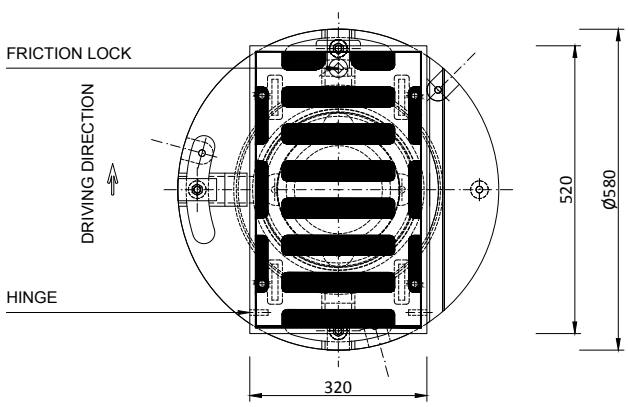
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2300-500E-SW36
ND150	BA2300-550E-SW36

Gully made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2300-500E-SW36-VA
ND150	BA2300-550E-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 33
- Circular flange / vario flange — Accessories on page 34
- Base plates for load transfer when the height adjustment is screwed on — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83
- Dripping ring — Accessories on page 83

Subject to technical changes - © with Höllko®

BRIDGE GULLY 2300/6

Product description/tender specification

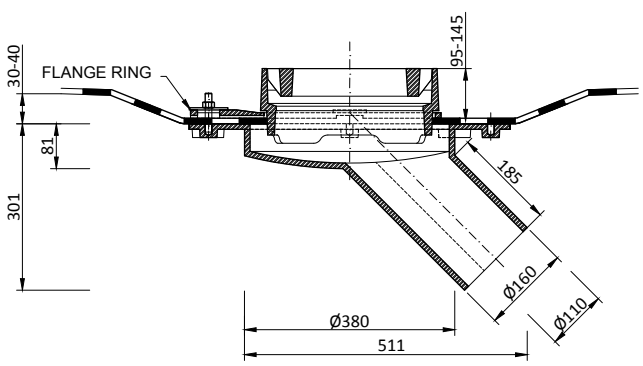
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 500mm, designs HÖLLKO 2300/650 (DN 150) and 2300/600 (DN 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 500mm, test load class D 400
Slot width 36mm – intake capacity 700cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with asymmetrical outlet 45°, DN 150 (DN 100)
Without sludge trap.
(Sludge trap made of steel sheet, hot-galvanised, volume 3L,
available upon request)

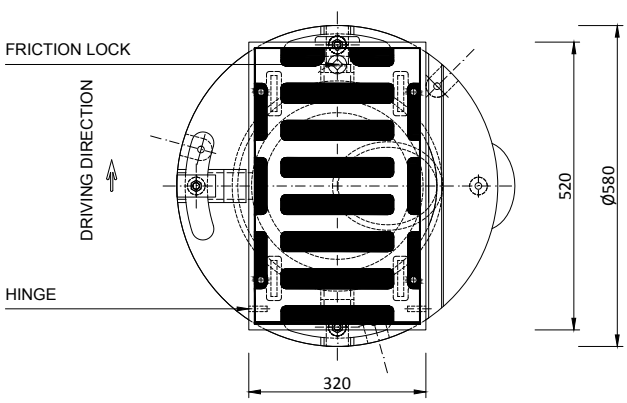
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Different nozzle lengths upon request

Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2300-600-SW36
ND150	BA2300-650-SW36

Drain made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2300-600-SW36-VA
ND150	BA2300-650-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 33
- Circular flange / vario flange — Accessories on page 34
- Base plates for load transfer when the height adjustment is screwed on — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

BRIDGE GULLY 2300/7

Product description/tender specification

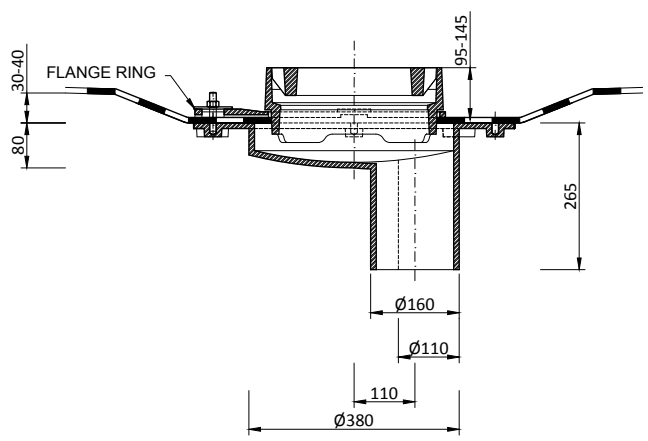
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 300 x 500mm, designs HÖLLKO 2300/750 (ND 150) and 2300/700 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 300 x 500mm, test load class D 400
Slot width 36mm – intake capacity 700cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with asymmetrical, vertical outlet ND 150 (ND 100)
Without sludge trap
(Sludge trap made of steel sheet, hot-galvanised, volume 3L,
available upon request)

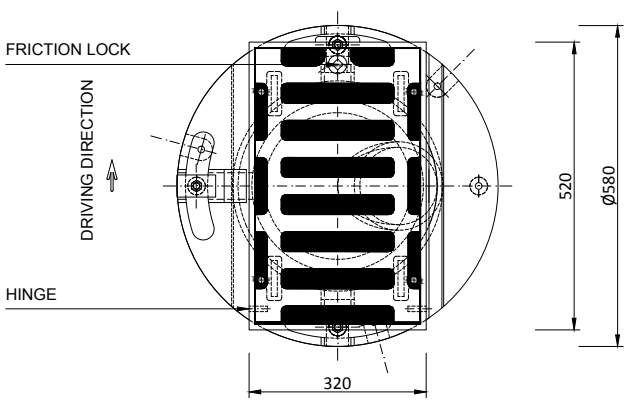
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Different nozzle lengths upon request

Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2300-700-SW36
ND150	BA2300-750-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2300-700-SW36-VA
ND150	BA2300-750-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 33
- Circular flange / vario flange — Accessories on page 34
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Subject to technical changes - © with Höllko®

BRIDGE GULLY - FLANGE - OPTIONS

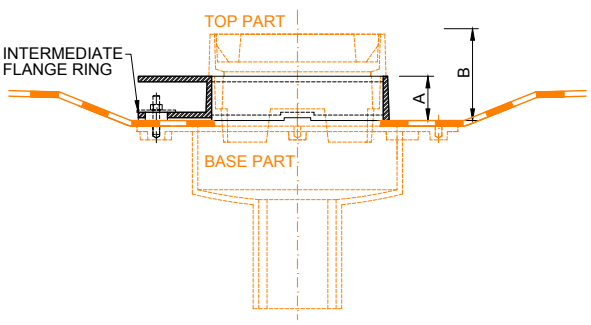
Product description/tender specification

Cast-iron intermediate flange for additional height adjustment suitable for design HÖLLKO 2300, grid size 300 x 500mm

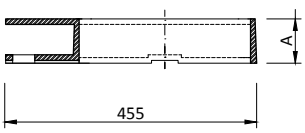
Installation notes:

The intermediate flange replaces the standard flange.

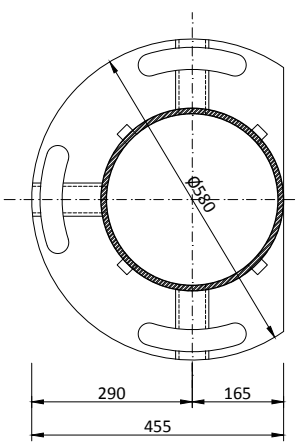
SECTION (INSTALLED CONDITION)



SECTION (FLANGE ONLY)



TOP VIEW (FLANGE ONLY)

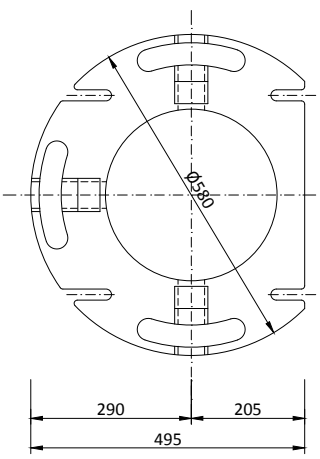


Intermediate flange made of cast iron		
Design heights (A) (mm)	Adjustment range (B) (mm)	Item no.
60	140 - 205	ZWFL2300-060
80	160 - 225	ZWFL2300-080
120	200 - 265	ZWFL2300-120
160	240 - 305	ZWFL2300-160
200	280 - 345	ZWFL2300-200

Product description/tender specification

Cast-iron flange ring suitable for base parts of the design HÖLLKO 2300 installed rotated by 45°, grid size 300 x 500mm

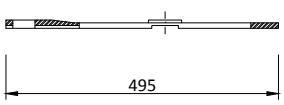
TOP VIEW



Installation notes:

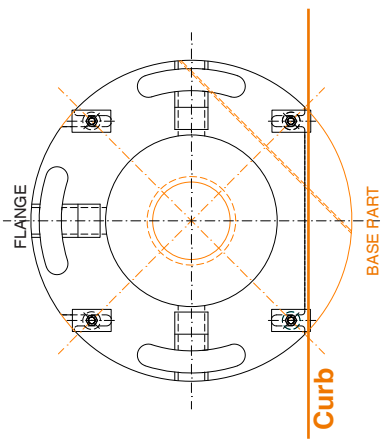
The flange ring replaces the standard flange.

SECTION



Flange ring made of cast iron	
Design height (mm)	Item no.
15	FL2300V

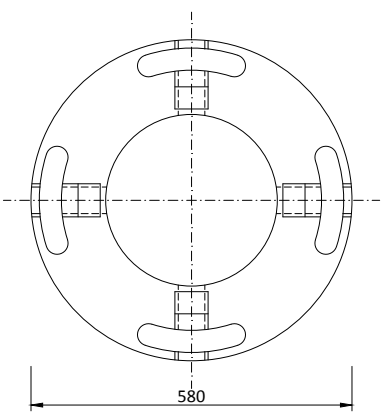
TOP VIEW
(INSTALLED CONDITION WITH BASE PART ROTATED BY 45°



Product description/tender specification

Cast-iron flange ring (circular design) for completely pressing in the sealing layer suitable for design HÖLLKO 2300, grid size 300 x 500mm

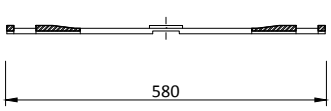
TOP VIEW



Installation notes:

The flange ring replaces the standard flange.

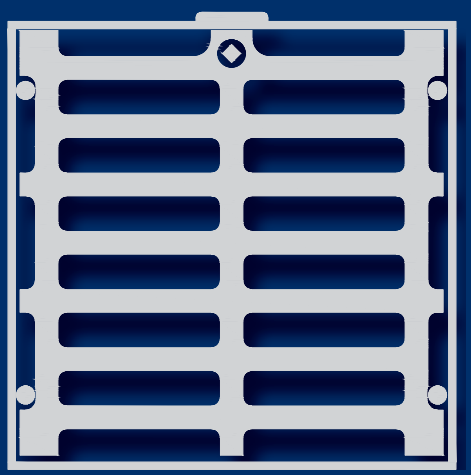
SECTION



Circular flange ring made of cast iron	
Design height (mm)	Item no.
15	FL2300R

Subject to technical changes - © with Höllko®

BRIDGE GULLY 2500 SERIES ACCORDING TO WAS 1



GRID SIZE 500 X 500

Product description/tender specification

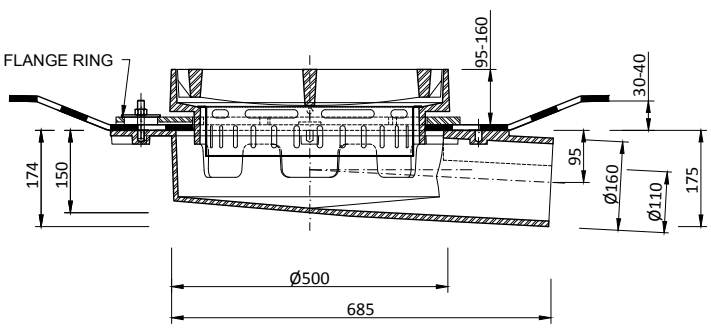
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 500 x 500mm, designs HÖLLKO 2500/150 (ND 150) and 2500/100 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 500 x 500mm, test load class D 400
Slot width 36mm – intake capacity 1260cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with vertical outlet ND 150 (ND 100), 3° inclination
Sludge trap made of steel sheet, hot-galvanised, volume 9.5L

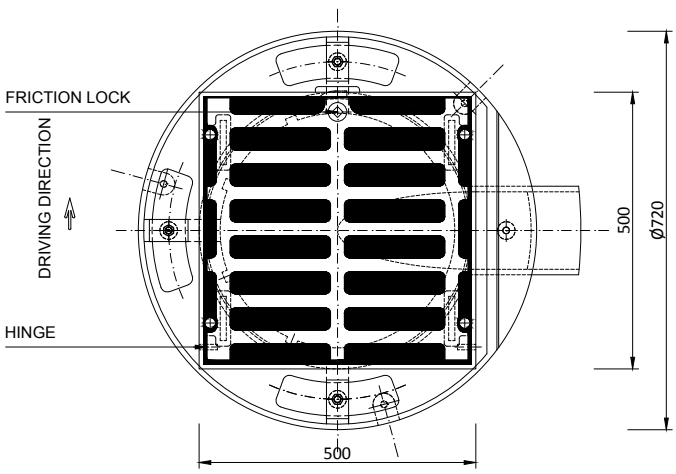
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2500-100-SW36
ND150	BA2500-150-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2500-100-SW36-VA
ND150	BA2500-150-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 45
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Subject to technical changes - © with Höllko®

BRIDGE GULLY 2500/2

Product description/tender specification

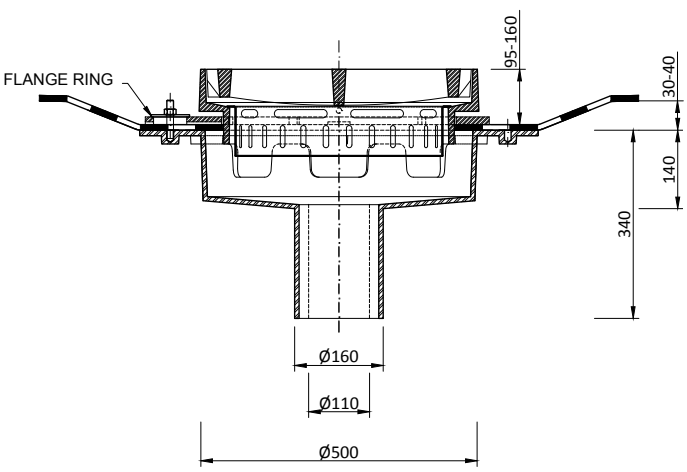
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 500 x 500mm, designs HÖLLKO 2500/250 (ND 150) and 2500/200 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 500 x 500mm, test load class D 400
Slot width 36mm – intake capacity 1260cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with vertical outlet ND 150 (ND 100)
Sludge trap made of steel sheet, hot-galvanised, volume 9.5L

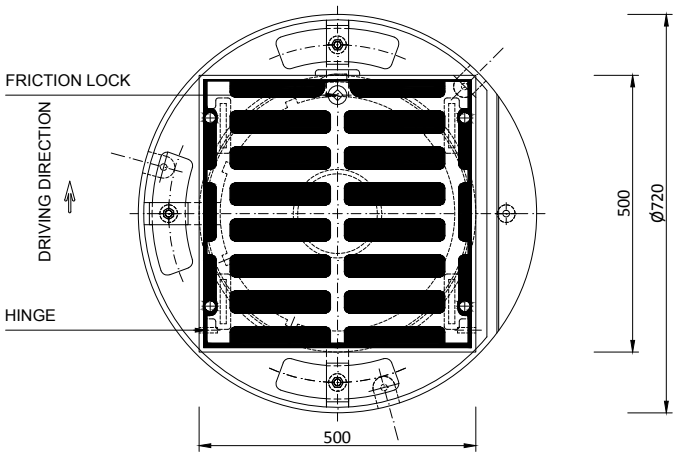
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Different nozzle lengths upon request

Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2500-200-SW36
ND150	BA2500-250-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2500-200-SW36-VA
ND150	BA2500-250-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 45
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

BRIDGE GULLY 2500/2E

Product description/tender specification

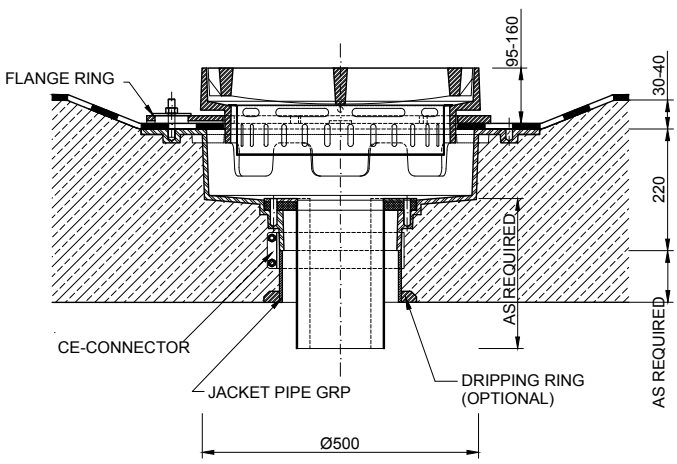
**Cast-iron bridge gully for incremental launching methods, including flange and flange ring with soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 500 x 500mm,
gully with suspended pipe made of stainless steel, material 1.4571,
designs HÖLLKO 2500/250E (ND 150) and 2500/200E (ND 100)**

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 500 x 500mm, test load class D 400
Slot width 36mm – intake capacity 1260cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Suspended pipe made of stainless steel, material 1.4571 ND 150 (ND 100)
GRP jacket pipe ND 200
Sludge trap made of steel sheet, hot-galvanised, volume 9.5L

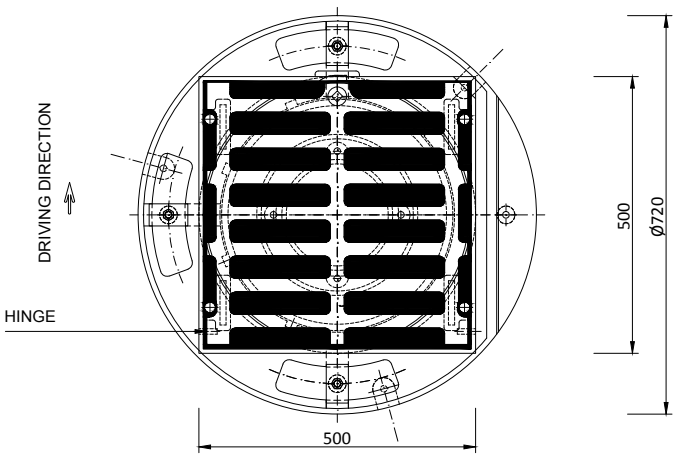
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure,see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2500-200E-SW36
ND150	BA2500-250E-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2500-200E-SW36-VA
ND150	BA2500-250E-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 45
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83
- Dripping ring — Accessories on page 83

Subject to technical changes - © with Höllko®

BRIDGE GULLY 2500/3

Product description/tender specification

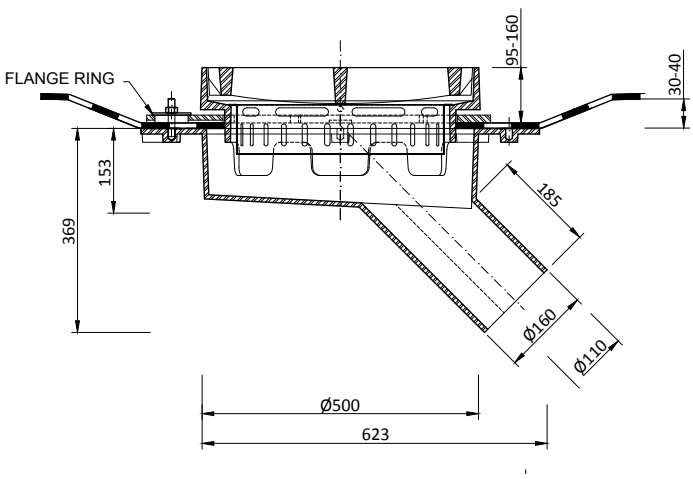
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 500 x 500mm, designs HÖLLKO 2500/350 (ND 150) and 2500/300 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary
Grid size 500 x 500mm, test load class D 400
Slot width 36mm – intake capacity 1260cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with asymmetrical outlet 45°, ND 150 (ND 100)
Sludge trap made of steel sheet, hot-galvanised, volume 9.5L

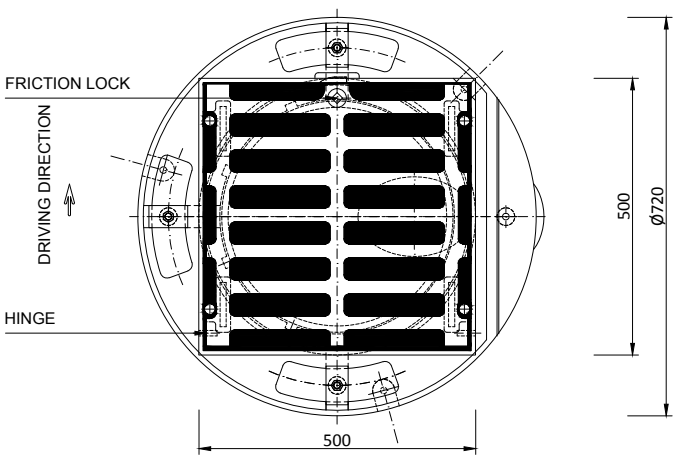
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Different nozzle lengths upon request

Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2500-300-SW36
ND150	BA2500-350-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2500-300-SW36-VA
ND150	BA2500-350-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 45
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

BRIDGE GULLY 2500/4

Product description/tender specification

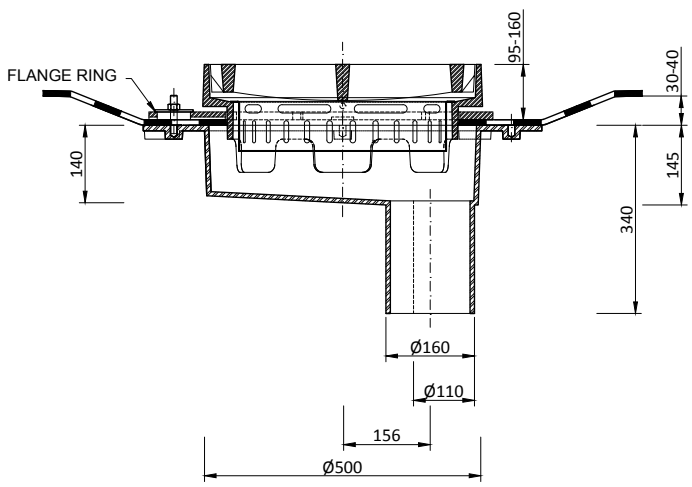
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 500 x 500mm, designs HÖLLKO 2500/450 (ND 150) and 2500/400 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary.
Grid size 500 x 500mm, test load class D 400
Slot width 36mm – intake capacity 1260cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with asymmetrical, vertical outlet ND 150 (ND 100)
Sludge trap made of steel sheet, hot-galvanised, volume 9.5L

TÜVRheinland® LGA tested 71710 EN 124

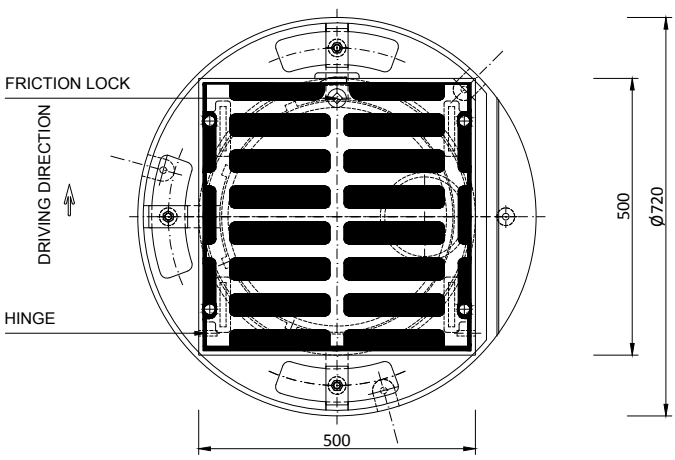
For notes on the installation procedure, see installation instructions page 4-8.

SECTION



Different nozzle lengths upon request

TOP VIEW SW36 (top part, including grid, flange, base part)



Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2500-400-SW36
ND150	BA2500-450-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no.SW 36
ND100	BA2500-400-SW36-VA
ND150	BA2500-450-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 45
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Subject to technical changes - © with Höllko®

BRIDGE GULLY 2500/5

Product description/tender specification

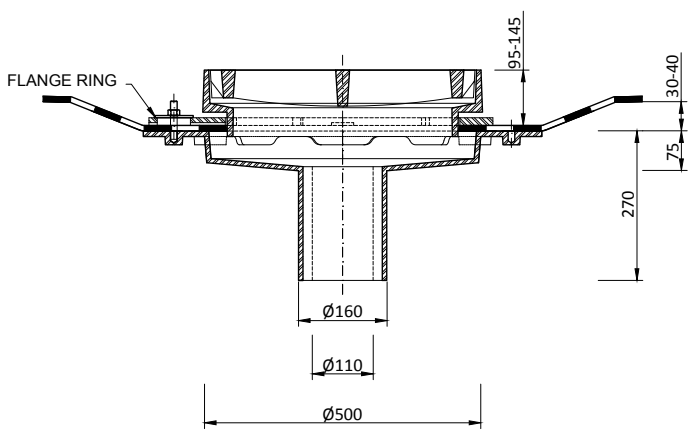
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 500 x 500mm, designs HÖLLKO 2500/550 (ND 150) and 2500/500 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary.
Grid size 500 x 500mm, test load class D 400
Slot width 36mm – intake capacity 1260cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with vertical outlet ND 150 (ND 100)
Without sludge trap
(Sludge trap made of steel sheet, hot-galvanised, volume 6.4L, available upon request)

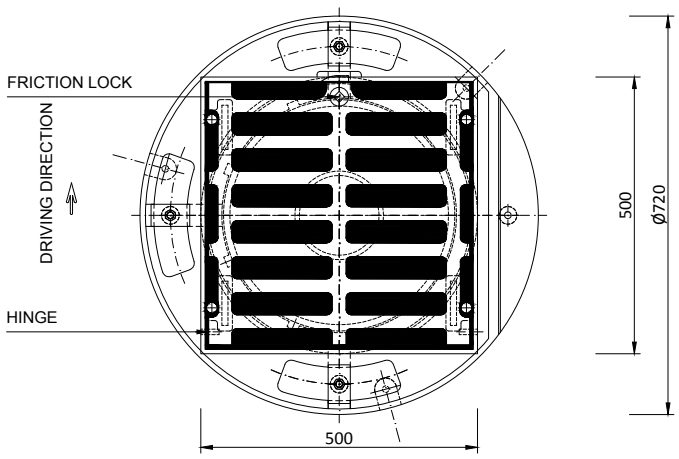
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Different nozzle lengths upon request

Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2500-500-SW36
ND150	BA2500-550-SW36

Lower drain part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2500-500-SW36-VA
ND150	BA2500-550-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 45
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

BRIDGE GULLY 2500/5E

Product description/tender specification

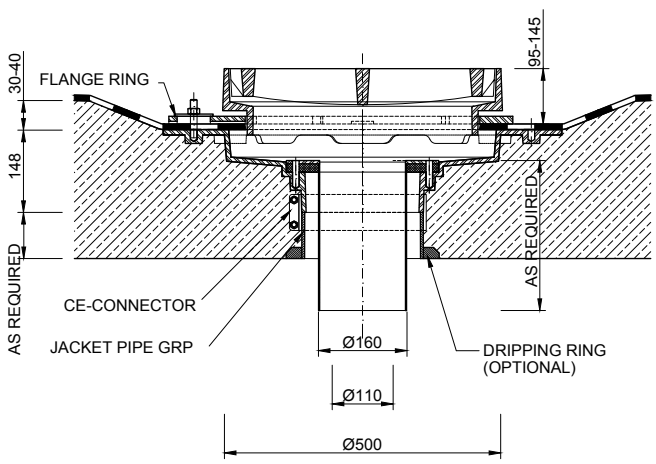
Cast-iron bridge gully for incremental launching methods, including flange and flange ring with soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 500 x 500mm, drain with suspended pipe made of stainless steel, material 1.4571, designs HÖLLKO 2500/550E (ND 150) and 2500/500E (ND 100)

TÜVRheinland® LGA tested 71710 EN 124

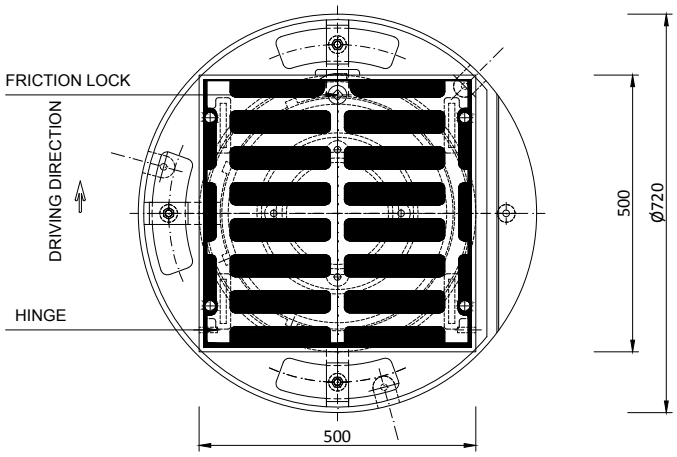
For notes on the installation procedure, see installation instructions page 4-8.

Top part height- and angle-adjustable (4.5°), sliding, and rotary.
Grid size 500 x 500mm, test load class D 400
Slot width 36mm – intake capacity 1260cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Suspended pipe made of stainless steel, material 1.4571 ND 150 (ND 100)
GRP jacket pipe ND 200
Without sludge trap
(Sludge trap made of steel sheet, hot-galvanised, volume 6.4L, available upon request)

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2500-500E-SW36
ND150	BA2500-550E-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2500-500E-SW36-VA
ND150	BA2500-550E-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 45
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83
- Dripping ring — Accessories on page 83

Subject to technical changes - © with Höllko®

BRIDGE GULLY 2500/6

Product description/tender specification

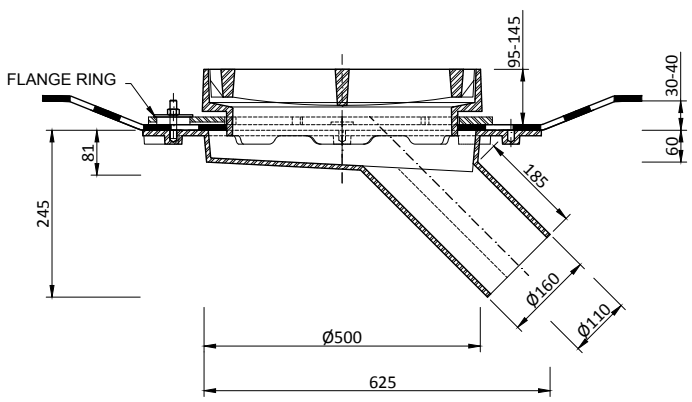
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 500 x 500mm, designs HÖLLKO 2500/650 (ND 150) and 2500/600 (ND 100)

TÜVRheinland® LGA tested 71710 EN 124

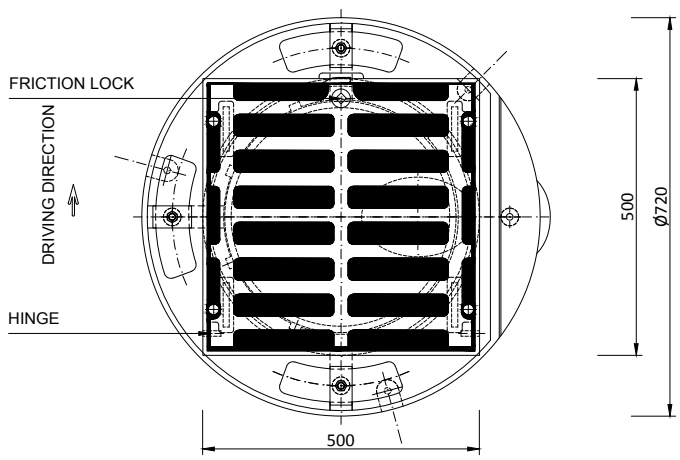
Top part height- and angle-adjustable (4.5°), sliding, and rotary.
Grid size 500 x 500mm, test load class D 400
Slot width 36mm – intake capacity 1260cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with asymmetrical outlet 45°, ND 150 (ND 100)
Without sludge trap
(Sludge trap made of steel sheet, hot-galvanised, volume 6.4L, available upon request)

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Different nozzle lengths upon request

Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2500-600-SW36
ND150	BA2500-650-SW36

Lower drain part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2500-600-SW36-VA
ND150	BA2500-650-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 45
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Product description/tender specification

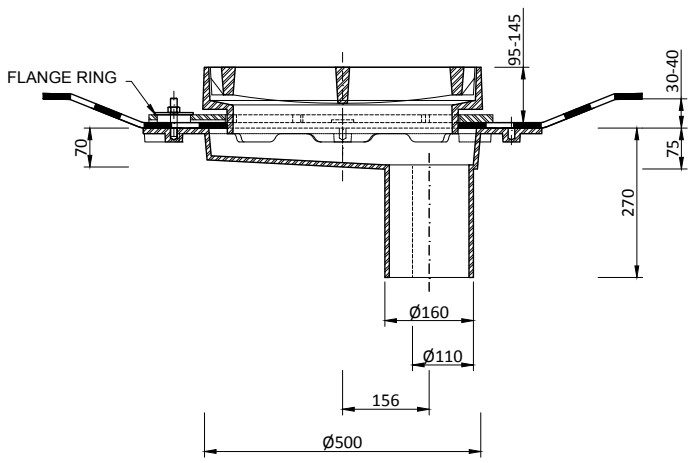
Cast-iron bridge gully with flange and flange ring, including soaking slots according to specification drawing WAS 1, according to DIN EN 124/1229, grid size 500 x 500mm, designs HÖLLKO 2500/750 (ND 150) and 2500/700 (ND 100)

Top part height- and angle-adjustable (4.5°), sliding, and rotary.
Grid size 500 x 500mm, test load class D 400
Slot width 36mm – intake capacity 1260cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Base part with asymmetrical, vertical outlet ND 150 (ND 100)
Without sludge trap
(Sludge trap made of steel sheet, hot-galvanised, volume 6.4L,
available upon request)

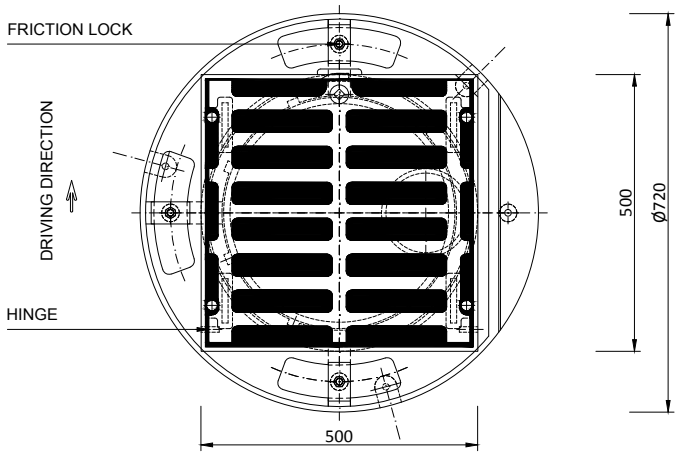
TÜVRheinland® LGA tested 71710 EN 124

For notes on the installation procedure, see installation instructions page 4-8.

SECTION



TOP VIEW SW36 (top part, including grid, flange, base part)



Different nozzle lengths upon request

Gully made of cast iron	
Rated width	Item no. SW 36
ND100	BA2500-700-SW36
ND150	BA2500-750-SW36

Base part made of stainless steel (top part made of cast iron)	
Rated width	Item no. SW 36
ND100	BA2500-700-SW36-VA
ND150	BA2500-750-SW36-VA

Options

- Additional height adjustment options due to intermediate flange — Accessories on page 45
- Base plates for load transfer for top part adjusted to the correct height — Accessories on page 82
- Installation support — Accessories on page 82
- Handle key — Accessories on page 83

Subject to technical changes - © with Höllko®

BRIDGE GULLY - OPTIONS - FLANGE

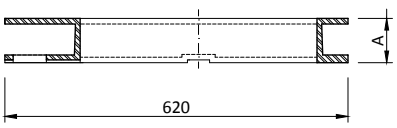
Product description/tender specification

Cast-iron intermediate flange for additional height adjustment suitable for design HÖLLKO 2500, grid size 500 x 500mm

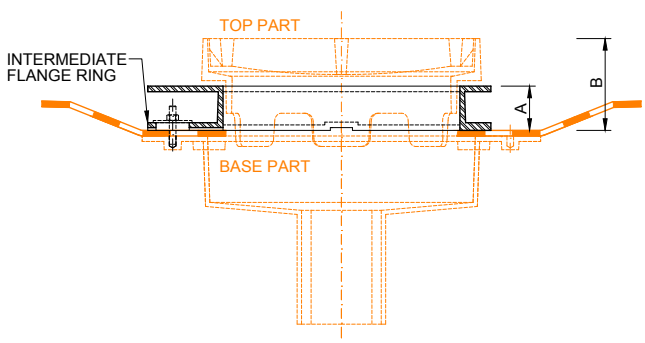
Installation notes:

The intermediate flange replaces the standard flange.

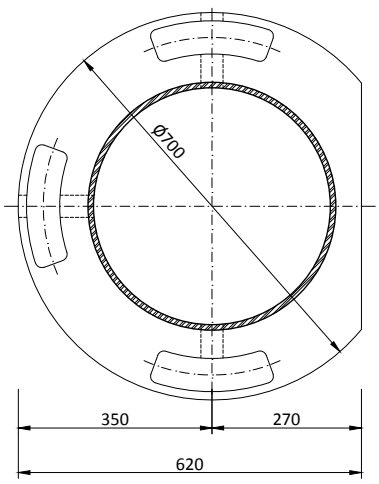
SECTION (FLANGE ONLY)



SECTION (INSTALLED CONDITION)



TOP VIEW (FLANGE ONLY)



Intermediate flange made of cast iron		
Design heights (A) (mm)	Adjustment range (B) (mm)	Item no.
60	140 - 205	ZWFL2500-060
80	160 - 225	ZWFL2500-080
120	200 - 265	ZWFL2500-120
160	240 - 305	ZWFL2500-160
200	280 - 345	ZWFL2500-200

BRIDGE GULLY - OPTIONS - FLANGE

Product description/tender specification

Cast-iron flange ring suitable for top parts of the 2000 and 2300 series, grid size 300 x 400mm and grid size 300 x 500mm, in combination with base parts of the 2500 series

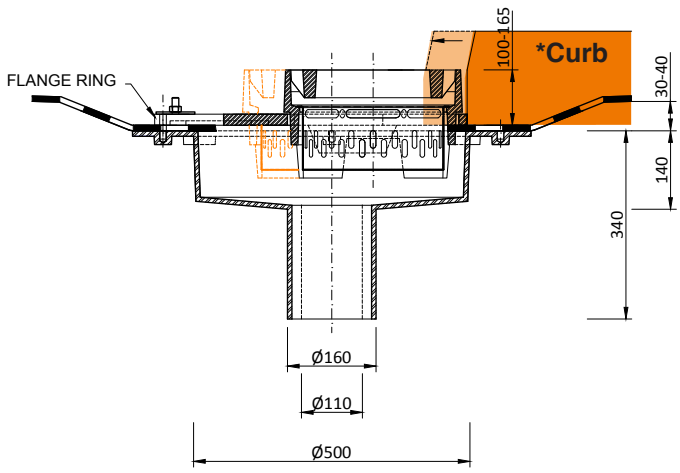
Installation notes:

The flange ring in combination with the top parts of the 2000 (300 x 400mm) and 2300 series (300 x 500mm) is used for base parts set too closely to the *curb of the 2500 series.

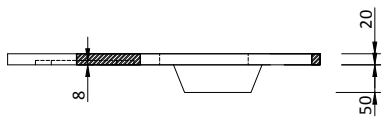
The flange ring replaces the standard flange.

The required top parts of the 2000 and/or 2300 series must be ordered separately.

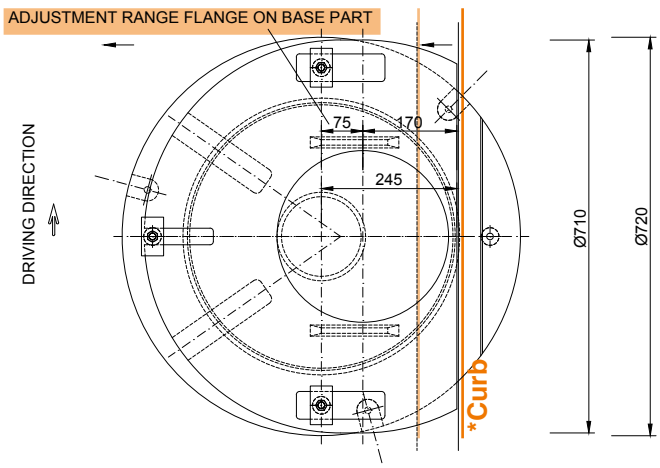
SECTION (INSTALLED CONDITION)



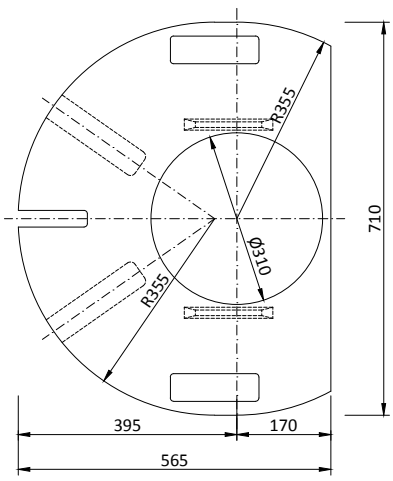
SECTION (FLANGE ONLY)



TOP VIEW (FLANGE ON BASE PART)



TOP VIEW (FLANGE ONLY)



Special flange ring made of cast iron	
Design heights (mm)	Item no.
20	FL2500S

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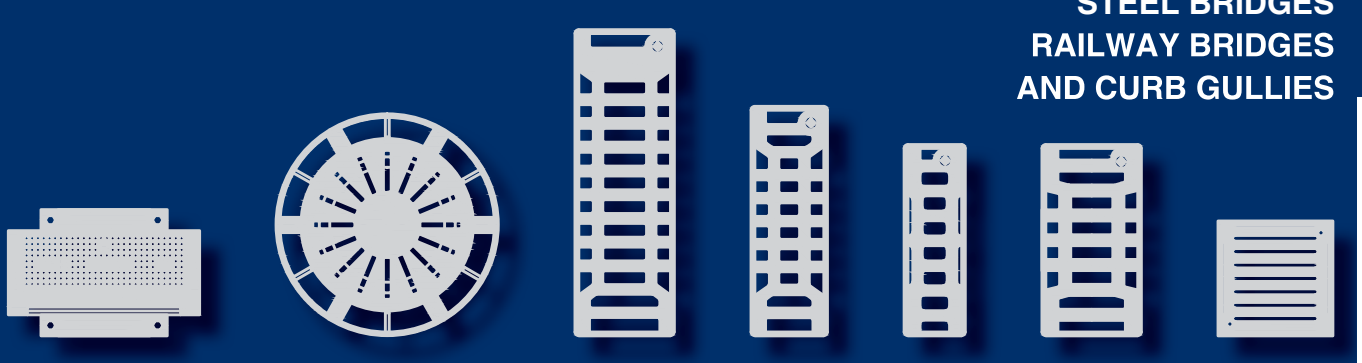

PEDESTRIAN BRIDGES
STEEL BRIDGES
RAILWAY BRIDGES
AND CURB GULLIES

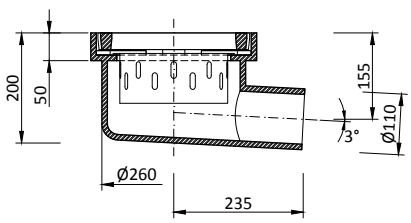
Product description/tender specification

**Cast-iron bridge gully for pedestrian bridges and parking buildings,
class B 125, according to DIN EN 124/1229,
grid size 300 x 300mm
design HÖLLKO 320**

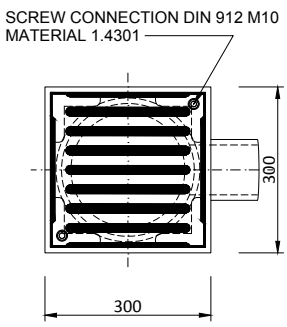
TÜVRheinland® LGA tested 71710 EN 124

Base part with lateral and/or vertical outlet ND 100
with/without grid screw connection
Slot width 16mm – intake capacity 270cm²
Sludge trap made of steel sheet, hot-galvanised, volume 2.5L

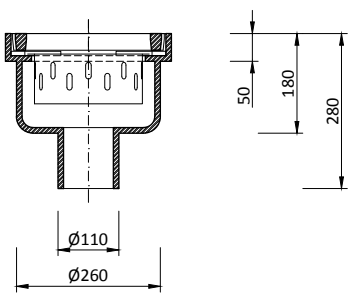
SECTION (lateral outlet)



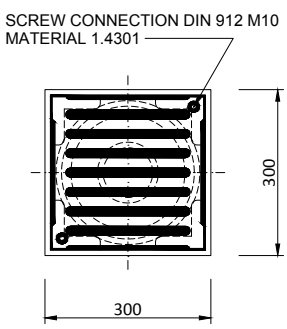
TOP VIEW (lateral outlet)



SECTION (vertical outlet)



TOP VIEW (vertical outlet)



Gully for pedestrian bridges / parking buildings		
Rated width	Item no.	Comment
ND100 lateral	BA320-100	grid without screw connection
ND100 lateral	BA320-100-VS	grid with screw connection
ND100 vertical	BA320-200	grid without screw connection
ND100 vertical	BA320-200-VS	grid with screw connection

Options

- Additional height adjustment options due to levelling frame

Accessories on page 51

Subject to technical changes - © with Höllko®

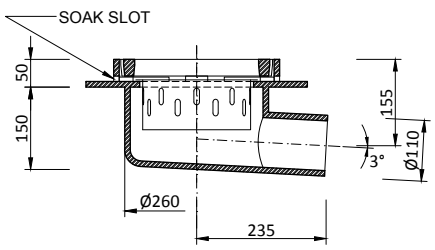
Product description/tender specification

**Cast-iron bridge gully for pedestrian bridges and parking buildings,
class B 125, according to DIN EN 124/1229,
grid size 300 x 300mm
with connecting flange and soaking slots
design HÖLLKO 330**

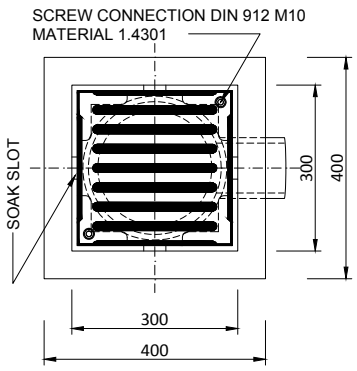
TÜVRheinland® LGA tested 71710 EN 124

Base part with lateral and/or vertical outlet ND 100
with/without grid screw connection
Slot width 16mm – intake capacity 270cm²
Sludge trap made of steel sheet, hot-galvanised, volume 2.5L

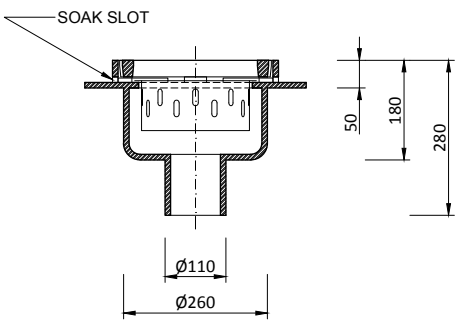
SECTION (lateral outlet)



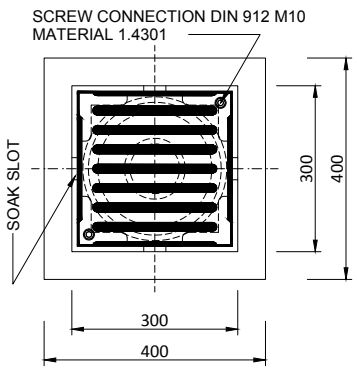
TOP VIEW (lateral outlet)



SECTION (vertical outlet)



TOP VIEW (vertical outlet)



Gully for pedestrian bridges / parking buildings		
Rated width	Item no.	Comment
ND100 lateral	BA330-100	grid without screw connection
ND100 lateral	BA330-100-VS	grid with screw connection
ND100 vertical	BA330-200	grid without screw connection
ND100 vertical	BA330-200-VS	grid with screw connection

Options

- Additional height adjustment options due to levelling frame

Accessories on page 51

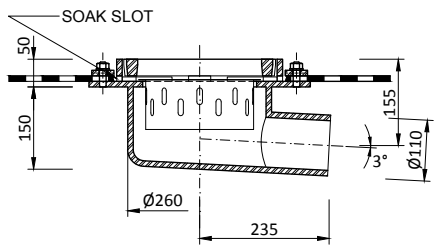
Product description/tender specification

Cast-iron bridge gully for pedestrian bridges and parking buildings, class B 125 according to DIN EN 124/1229, grid size 300 x 300mm, with connecting flange, soaking slots, and flange with screw connection design HÖLLKO 340

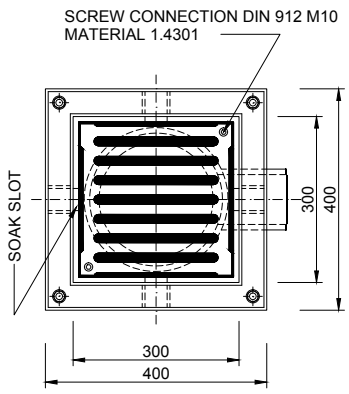
TÜVRheinland® LGA tested 71710 EN 124

Base part with lateral and/or vertical outlet ND 100
with/without grid screw connection
Slot width 16mm – intake capacity 270cm²
Sludge trap made of steel sheet, hot-galvanised, volume 2.5L

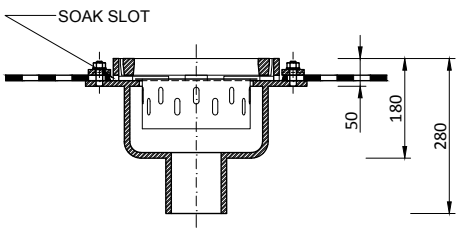
SECTION (lateral outlet)



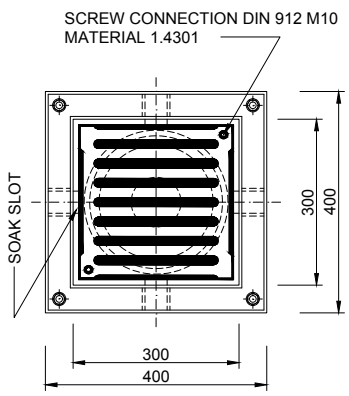
TOP VIEW (lateral outlet)



SECTION (vertical outlet)



TOP VIEW (vertical outlet)



Gully for pedestrian bridges / parking buildings		
Rated width	Item no.	Comment
ND100 lateral	BA340-100	grid without screw connection
ND100 lateral	BA340-100-VS	grid with screw connection
ND100 vertical	BA340-200	grid without screw connection
ND100 vertical	BA340-200-VS	grid with screw connection

Options

- Additional height adjustment options due to levelling frame

Accessories on page 51

Subject to technical changes - © with Höllko®

LEVELLING FRAME 30

Product description/tender specification

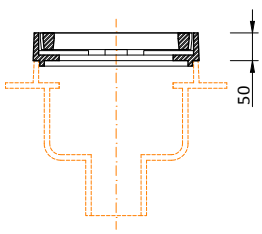
**Cast-iron levelling frame 300 x 300mm, H=50mm
suitable for bridge gullies of the 320, 330, and 340 series
design HÖLLKO 30**

with/without thread for grid screw connection

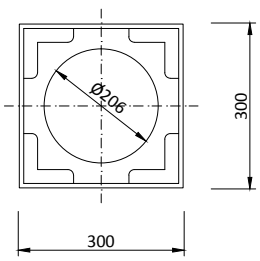
Installation notes:

The levelling frame is height-combinable with further levelling frames at increments of 50mm

SECTION



TOP VIEW



Gully for pedestrian bridges / parking levels		
Design heights	Item no.	Comment
50mm	AR30	grid without screw connection
50mm	AR30-VS	grid with screw connection

Product description/tender specification

Bridge gully for pedestrian steel bridges
class B 125 according to DIN EN 124/1229, grid size 300 x 300mm,
design HÖLLKO 347

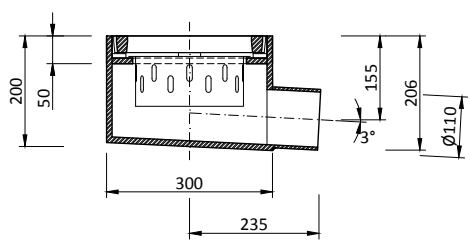
TÜVRheinland® LGA tested 71710 EN 124

Gully body made of steel S235 JR, hot-galvanised
with lateral and/or vertical outlet ND 100
Grid made of cast iron
with/without grid screw connection
Slot width 16mm – intake capacity 270cm²
Sludge trap made of steel sheet, hot-galvanised, volume 2.5L

The following options are available upon request:

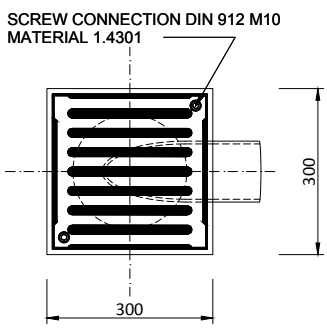
- Different design heights
- Soak holes
- Drain nozzles ND 125/ND 150
- Drain bodies and sludge traps made of stainless steel

SECTION (lateral outlet)

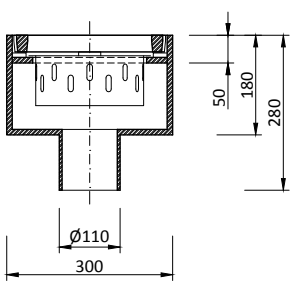


Different nozzle lengths upon request

TOP VIEW (lateral outlet)

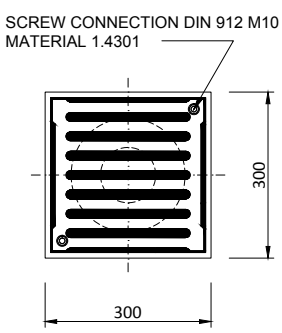


SECTION (vertical outlet)



Different nozzle lengths upon request

TOP VIEW (vertical outlet)



Gully for pedestrian steel bridges		
Rated width	Item no.	Comment
ND100 lateral	BA347-100	grid without screw connection
ND100 lateral	BA347-100-VS	grid with screw connection
ND100 vertical	BA347-200	grid without screw connection
ND100 vertical	BA347-200-VS	grid with screw connection

Subject to technical changes - © with Höllko®

BRIDGE GULLY 348

Product description/tender specification

Bridge gully for steel bridges
class D 400 according to DIN EN 124/1229, grid size 160 x 500mm, design HÖLLKO 348

Gully body made of steel S235 JR, hot-galvanised
with lateral and/or vertical outlet ND 150
with/without soak holes ø 30mm
Grid made of cast iron
Slot width 38mm – intake capacity 265cm²
with hinge and friction lock (square, 16mm made of stainless steel)
Sludge trap made of steel sheet, hot-galvanised, volume 3.8L

The following designs are available upon request:

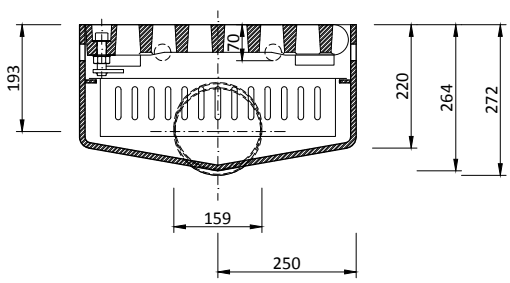
- Different design heights
- Drain nozzles ND 100/ND 125
- Drain bodies and sludge traps made of stainless steel

TÜVRheinland® LGA tested 71710 EN 124

Installation notes:

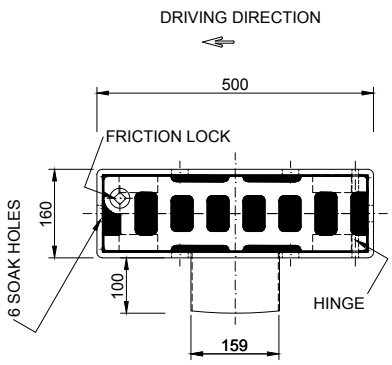
Install the bridge gully in a way that the grid is closed in driving direction. Remove the cover caps from the soak holes of the roadway and the front side.

SECTION (lateral outlet longitudinal side)

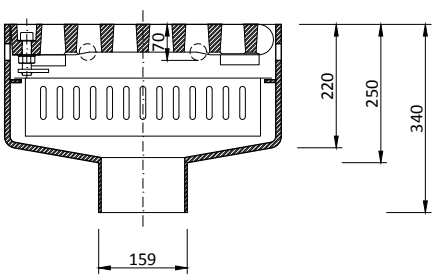


Different nozzle lengths upon request

TOP VIEW (lateral outlet longitudinal side)

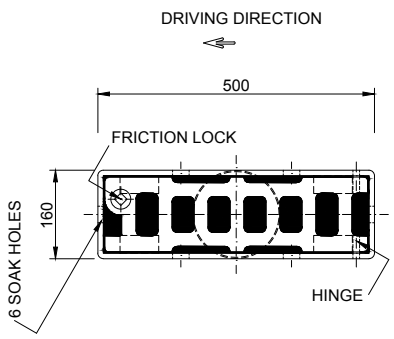


SECTION (vertical outlet)



Different nozzle lengths upon request

TOP VIEW (vertical outlet)



Bridge gully for steel bridges		
Rated width	Item no.	Comment
ND150	BA348-150-LS	Lateral outlet (longitudinal side)
ND150	BA348-250	Vertical outlet

Product description/tender specification

Bridge gully for steel bridges
class D 400 according to DIN EN 124/1229, grid size 190 x 500mm, design HÖLLKO 349

Gully body made of steel S235 JR, hot-galvanised
with lateral and/or vertical outlet ND 150
with/without soak holes ø 30mm
Grid made of cast iron
Slot width 38mm – intake capacity 370cm²
with hinge and friction lock (square, 16mm made of stainless steel)
Sludge trap made of steel sheet, hot-galvanised, volume 5L

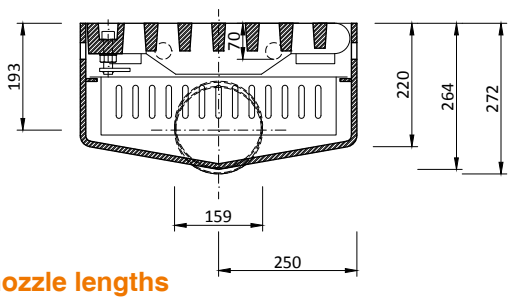
The following designs are available upon request:
- Different design heights
- Drain nozzles ND 100/ND 125
- Drain bodies and sludge traps made of stainless steel

TÜVRheinland® LGA tested 71710 EN 124

Installation notes:

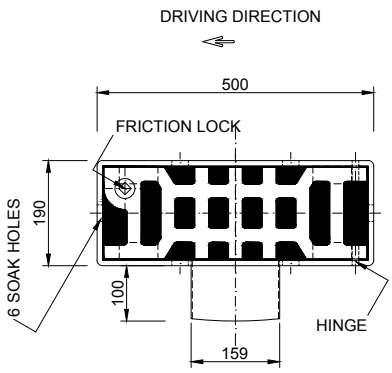
Install the bridge gully in a way that the grid is closed in driving direction. Remove the cover caps from the soak holes of the roadway and the front side.

SECTION (lateral outlet longitudinal side)

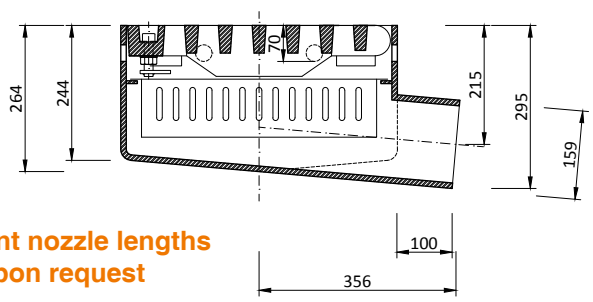


Different nozzle lengths upon request

TOP VIEW (lateral outlet longitudinal side)

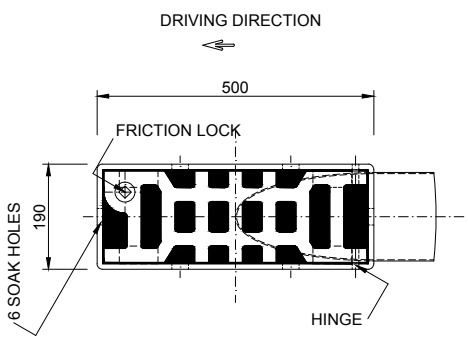


SECTION (lateral outlet front side)

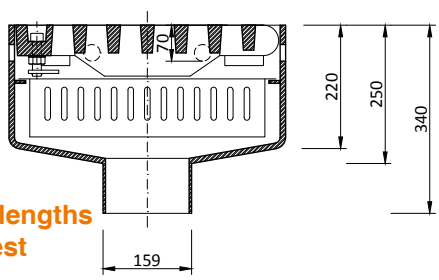


Different nozzle lengths upon request

TOP VIEW (lateral outlet front side)

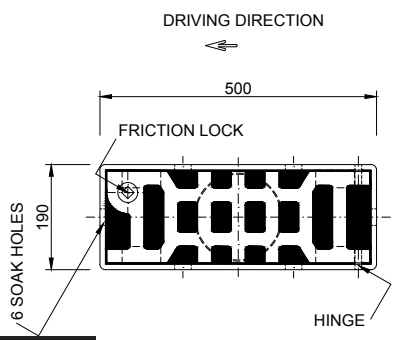


SECTION (vertical outlet)



Different nozzle lengths upon request

TOP VIEW (vertical outlet)



Gully for steel bridges		
Rated width	Item no.	Comment
ND150	BA349-150-LS	Lateral outlet (longitudinal side)
ND150	BA349-150-SS	Lateral outlet (front side)
ND150	BA349-250	Vertical outlet

Subject to technical changes - © with Höllko®

Product description/tender specification

Bridge gully for steel bridges
class D 400 according to DIN EN 124/1229, grid size 260 x 500mm, design HÖLLKO 350

Gully body made of steel S235 JR, hot-galvanised
with lateral and/or vertical outlet ND 150
with/without soak holes ø 30mm
Grid made of cast iron
Slot width 36mm – intake capacity 520cm² (standard) and/or
Slot width 16mm – intake capacity 305cm²
with hinge and friction lock (square, 16mm made of stainless steel)
Sludge trap made of steel sheet, hot-galvanised, volume 8L

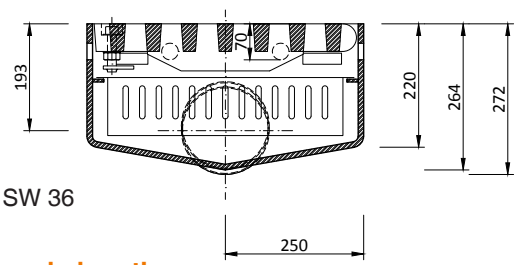
The following designs are available upon request:
- Different design heights
- Drain nozzles ND 100/ND 125
- Drain bodies and sludge traps made of stainless steel

TÜVRheinland® LGA tested 71710 EN 124

Installation notes:

Install the bridge gully in a way that the grid is closed in driving direction. Remove the cover caps from the soak holes of the roadway and the front side.

SECTION (lateral outlet longitudinal side)



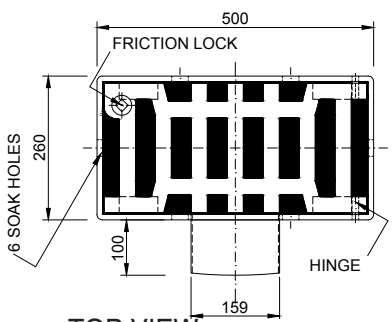
WITH GRID SW 36

Different nozzle lengths upon request

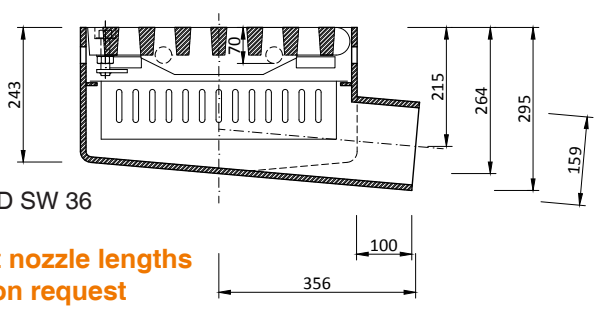
TOP VIEW (lateral outlet longitudinal side)

DRIVING DIRECTION

WITH GRID SW 36



SECTION (lateral outlet front side)



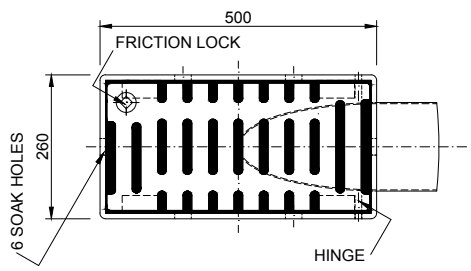
WITH GRID SW 36

Different nozzle lengths upon request

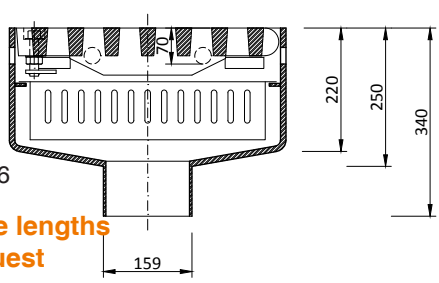
TOP VIEW (lateral outlet front side)

DRIVING DIRECTION

WITH GRID SW 16



SECTION (vertical outlet)



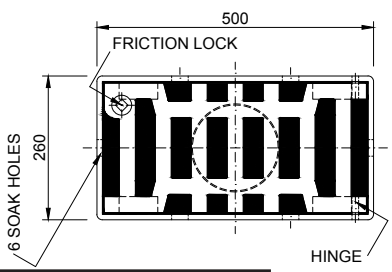
WITH GRID SW 36

Different nozzle lengths upon request

TOP VIEW (vertical outlet)

DRIVING DIRECTION

WITH GRID SW 36



Gully for steel bridges			
Rated width	Item no.	Item no.	Comment
ND150	BA350-150-LS-SW36	BA350-150-LS-SW16	Lateral outlet (longitudinal side)
ND150	BA350-150-SS-SW36	BA350-150-SS-SW16	Lateral outlet (front side)
ND150	BA350-250-SW36	BA350-250-SW16	Vertical outlet

Product description/tender specification

Bridge gully for steel bridges
class D 400 according to DIN EN 124/1229, grid size 200 x 600mm,
design HÖLLKO 400

Gully body made of steel S235 JR, hot-galvanised
with lateral and/or vertical outlet ND 150
with/without soak holes ø 30mm
Grid made of cast iron
Slot width 36mm – intake capacity 480cm²
with hinge and friction lock (square, 16 mm made of stainless steel)
Sludge trap made of steel sheet, hot-galvanised, volume 6.7L

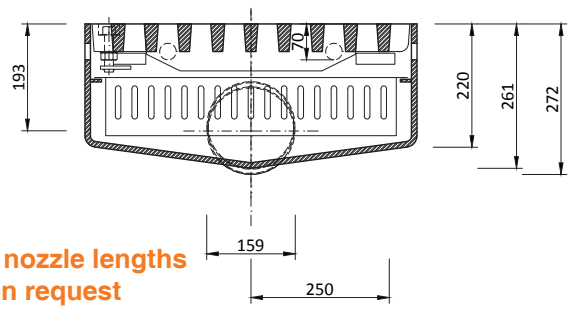
The following designs are available upon request:
- Different design heights
- Drain nozzles ND 100/ND 125
- Drain bodies and sludge traps made of stainless steel

TÜVRheinland® LGA tested 71710 EN 124

Installation notes:

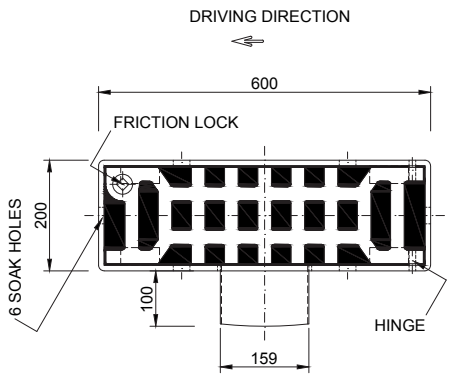
Install the bridge gully in a way that the grid is closed in driving direction. Remove the cover caps from the soak holes of the roadway and the front side.

SECTION (lateral outlet longitudinal side)

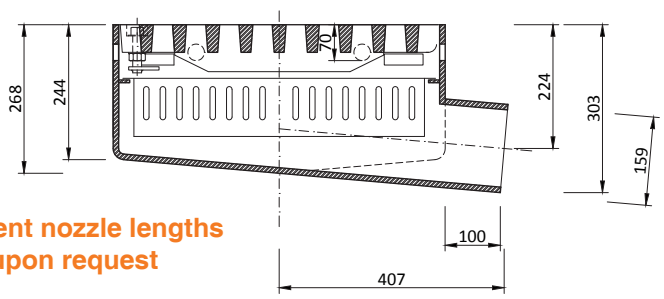


Different nozzle lengths upon request

TOP VIEW (lateral outlet longitudinal side)

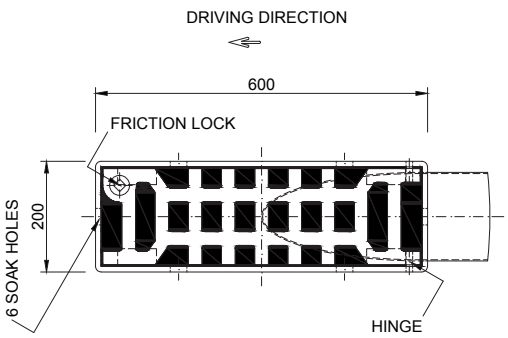


SECTION (lateral outlet front side)

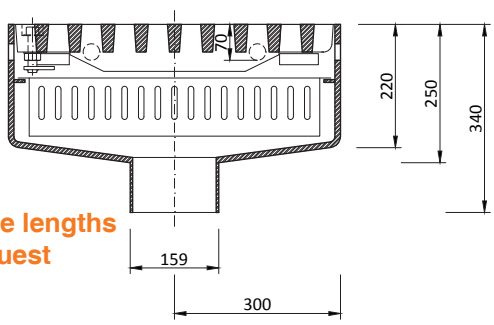


Different nozzle lengths upon request

TOP VIEW (lateral outlet front side)

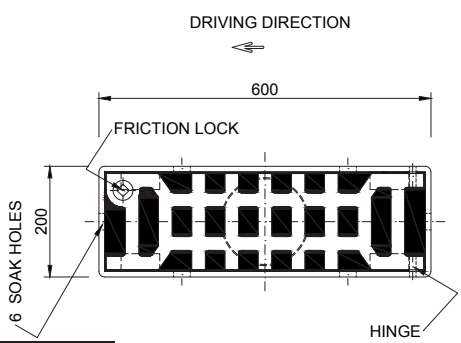


SECTION (vertical outlet)



Different nozzle lengths upon request

TOP VIEW (vertical outlet)



Gully for steel bridges		
Rated width	Item no.	Comment
ND150	BA400-150-LS	Lateral outlet (longitudinal side)
ND150	BA400-150-SS	Lateral outlet (front side)
ND150	BA400-250	Vertical outlet

Subject to technical changes - © with Höllko®

Product description/tender specification

Bridge gully for steel bridges
class D 400 according to DIN EN 124/1229, grid size 260 x 800mm,
design HÖLLKO 410

Gully body made of steel S235 JR, hot-galvanised
with lateral and/or vertical outlet ND 150
with/without soak holes ø 30mm
Grid made of cast iron
Slot width 36mm – intake capacity 915cm²
with hinge and friction lock (square, 16 mm made of stainless steel)
Sludge trap made of steel sheet, hot-galvanised, volume 13.6L

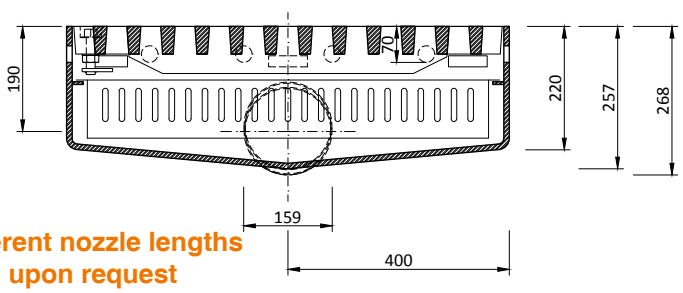
The following designs are available upon request:
- Different design heights
- Drain nozzles ND 100/ND 125
- Drain bodies and sludge traps made of stainless steel

TÜVRheinland® LGA tested 71710 EN 124

Installation notes:

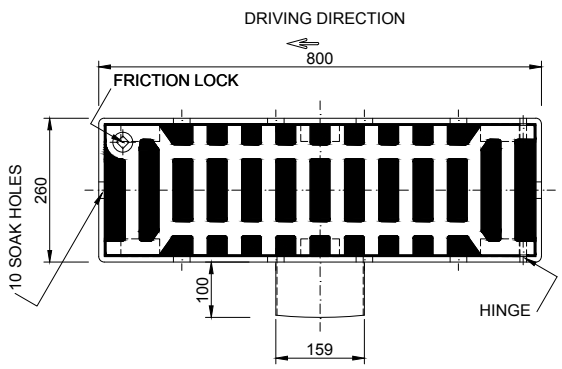
Install the bridge gully in a way that the grid is closed in driving direction. Remove the cover caps from the soak holes of the roadway and the front side.

SECTION (lateral outlet longitudinal side)

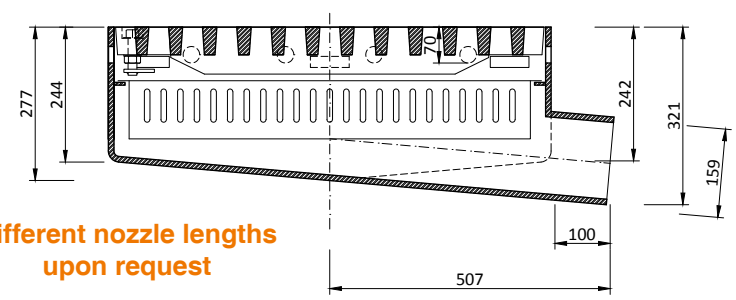


Different nozzle lengths upon request

TOP VIEW (lateral outlet longitudinal side)

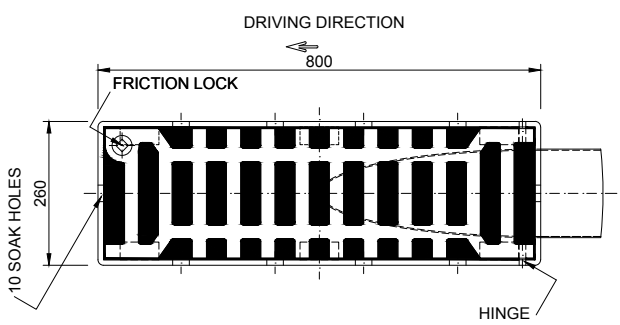


SECTION (lateral outlet front side)

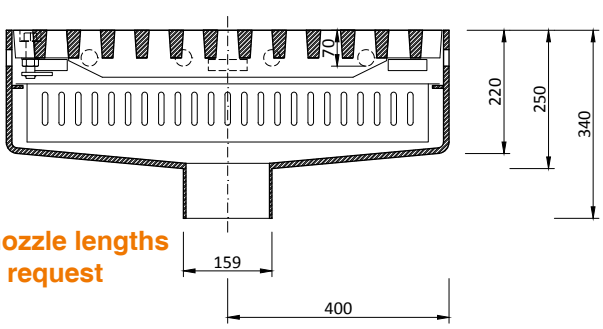


Different nozzle lengths upon request

TOP VIEW (lateral outlet front side)

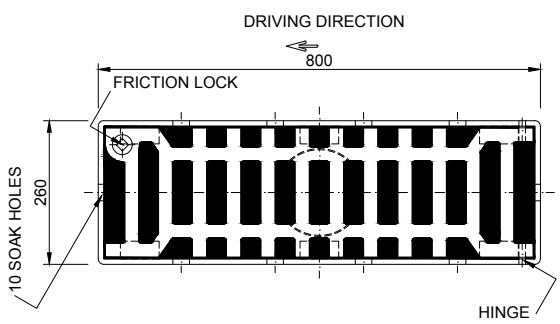


SECTION (vertical outlet)



Different nozzle lengths upon request

TOP VIEW (vertical outlet)



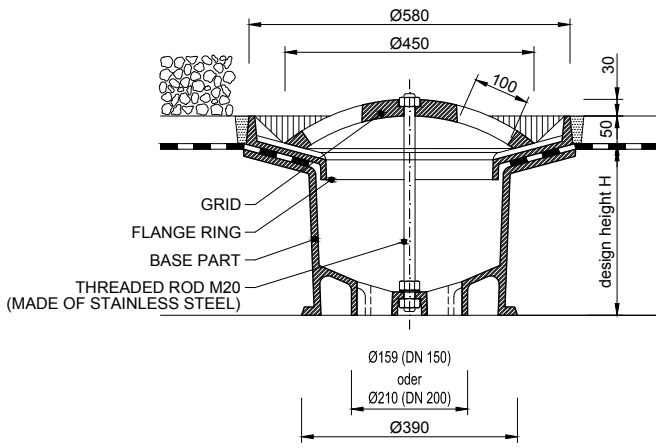
Gully for steel bridges		
Rated width	Item no.	Comment
ND150	BA410-150-LS	Lateral outlet (longitudinal side)
ND150	BA410-150-SS	Lateral outlet (front side)
ND150	BA410-250	Vertical outlet

Product description/tender specification

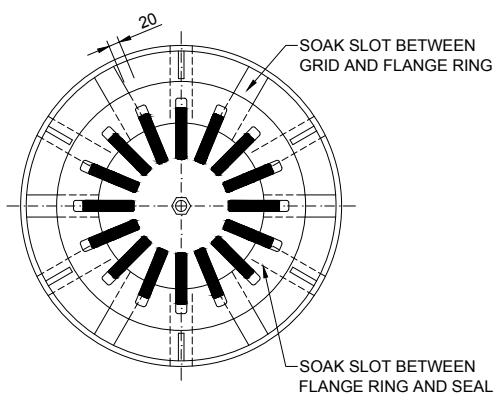
Cast-iron bridge gully for railway bridges with ballast bed, including ball grid with 6 soak apertures, design HÖLLKO 450

Slot width 20mm – intake capacity 300cm²
Threaded rod M 20 made of stainless steel
Nozzle connection ND 200 (and/or ND 150)
Height of the drain bodies according to the table

SECTION



TOP VIEW



Installation notes:

Installation instructions for DB bridge gully no. 450

1.) Base part (gully body)
Position base part (gully body) onto form work
The insulating rim should be 10mm below the upper concrete edge
2.) Seal
Apply seal to insulating rim
3.) Flange ring (attachment piece)
Insert the flange ring
4.) Grid
Screw in the threaded rod M 20 into the internal thread of the base part (fixed hexagonal nut) and secure it with a lock nut.
Position ball grid on threaded rod and tighten it with the inserted nut M 20 by rotating the grid so that the seal of the roadway is clamped between flange ring and base part.
5.) Joints
Seal the joints according to the framework specification DB Netz, Deutsche Bahngruppe, drawing Framework specification M-ENT 1 - 804.9020

Gully for ballast bed bridges		
Concrete slab thickness	Rated width	Item no.
Design height H (mm)		
250	ND 150	BA450DN150-H250
250	ND 200	BA450DN200-H250
300	ND 150	BA450DN150-H300
300	ND 200	BA450DN200-H300
350	ND 150	BA450DN150-H350
350	ND 200	BA450DN200-H350
400	ND 150	BA450DN150-H400
400	ND 200	BA450DN200-H400

Other design heights upon request

Subject to technical changes - © with Höllko®

Product description/tender specification

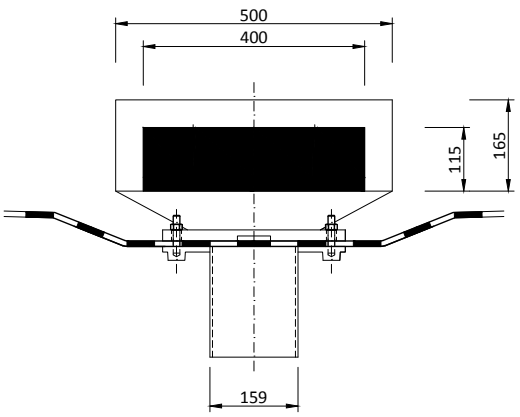
Cast-iron bridge gully with lateral inlet
for installation into the curb
class C 250, suitable for kerb height 150mm
design HÖLLKO 1000

with flange and soaking slots
Intake capacity 460cm²
Vertical outlet ND 150 – standard length 500mm

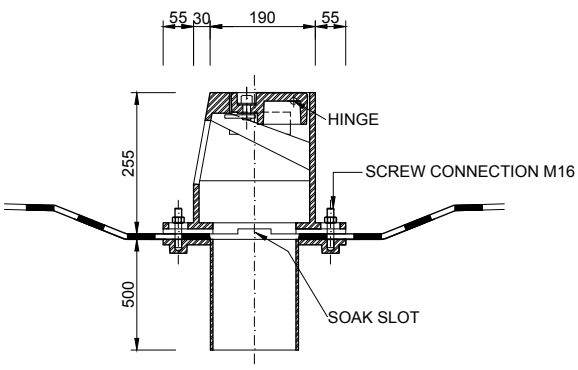
Other nozzle designs available
Suitable sludge traps and grid covers available upon request

TÜVRheinland® LGA tested 71710 EN 124

LATERAL VIEW

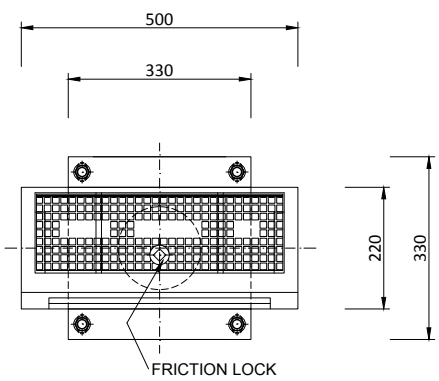


SECTION



Different nozzle lengths upon request

TOP VIEW



Gully for curb	
Rated width	Item no.
ND150	BA1000

BRIDGE GULLY 1001

Product description/tender specification

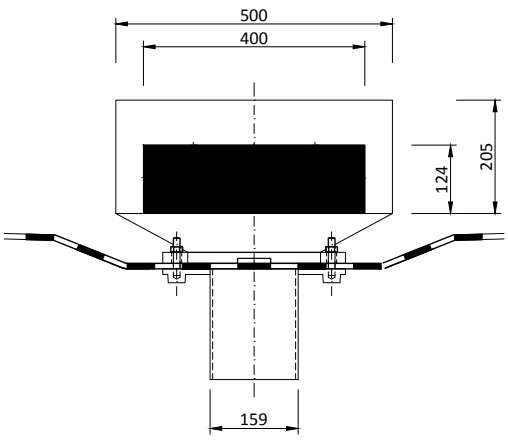
**Cast-iron bridge gully with lateral inlet
for installation into the curb
class C 250, suitable for curb height 200mm
design HÖLLKO 1001**

with flange and soaking slots
Intake capacity 500 cm²
Vertical outlet ND 150 – standard length 500mm

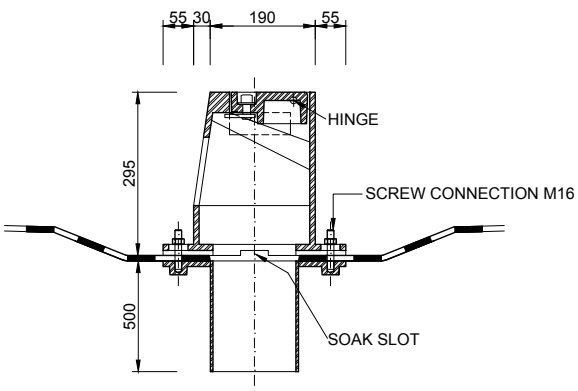
**Other nozzle designs available
Suitable sludge traps and grid covers available upon request**

TÜVRheinland® LGA tested 71710 EN 124

LATERAL VIEW

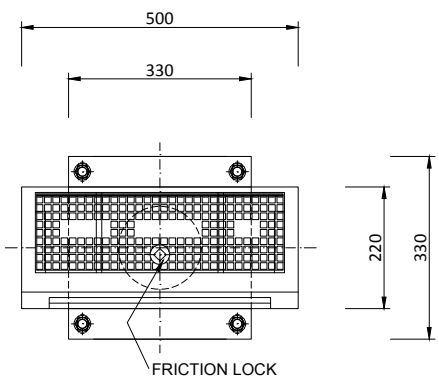


SECTION



**Different nozzle lengths
upon request**

TOP VIEW



Gully for curb	
Rated width	Item no.
ND150	BA1001

Subject to technical changes - © with Höllko®

BRIDGE GULLY 1002

Product description/tender specification

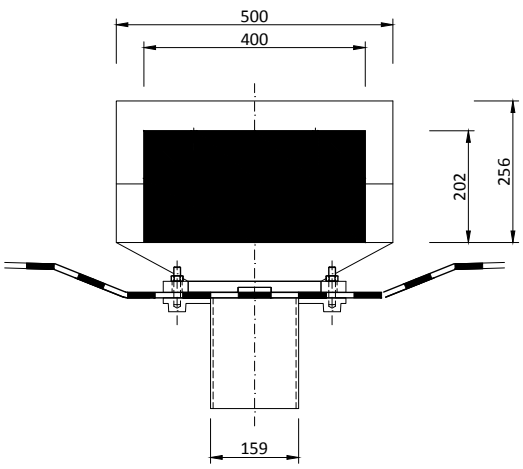
**Cast-iron bridge gully with lateral inlet
for installation into the curb
class C 250, suitable for curb height 250mm
design HÖLLKO 1002**

with flange and soaking slots
Intake capacity 800cm²
Vertical outlet ND 150 – standard length 500mm

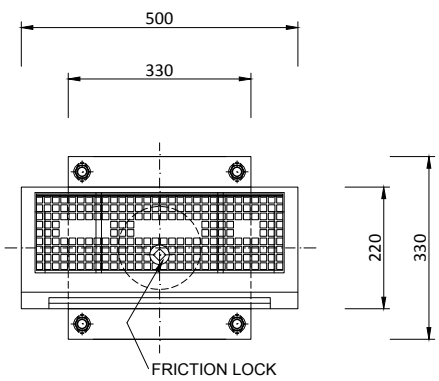
**Other nozzle designs available
Suitable sludge traps and grid covers available upon request**

TÜVRheinland® LGA tested 71710 EN 124

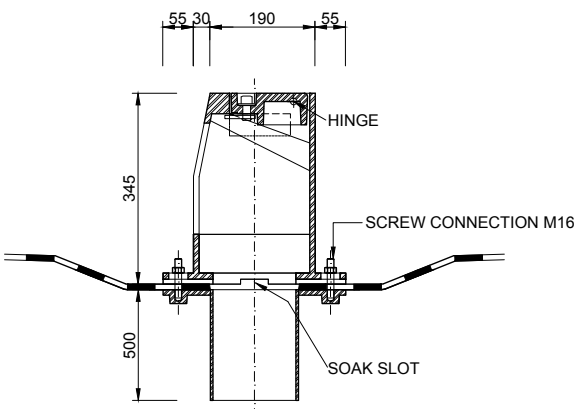
LATERAL VIEW



TOP VIEW



SECTION



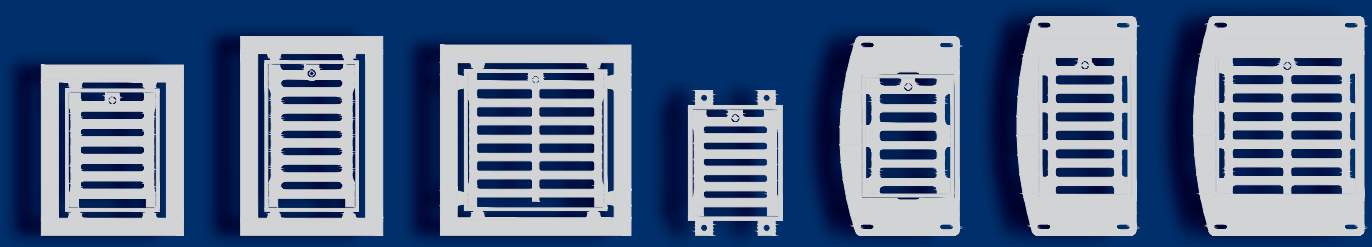
**Different nozzle lengths
upon request**

Gully for curb	
Rated width	Item no.
ND150	BA1002

SPACE FOR NOTES

Subject to technical changes - © with Höllko®

TOP PARTS AND RECONSTRUCTION ATTACHMENTS



TOP PART 1020

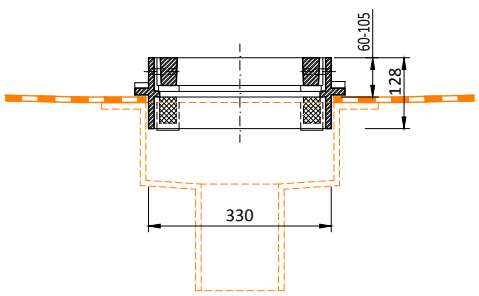
Product description/tender specification

Cast-iron top part suitable for installed base parts according to the former specification drawing WAS 3 class D 400 according to DIN EN 124/1229, grid size 300 x 400mm, design HÖLLKO 1020

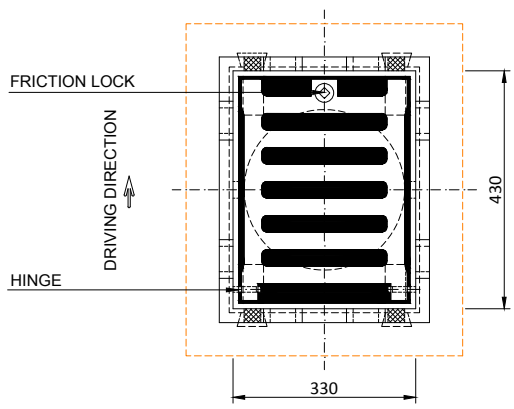
TÜVRheinland® LGA tested 71710 EN 124

Top part height- and angle-adjustable by means of base plates
Slot width 30mm – intake capacity 530cm² (standard)
Slot width 16mm – intake capacity 430cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
suitable sludge traps available upon request

SECTION



TOP VIEW SW30



Top part made of cast iron			
Design height (mm)	Adjustment range (mm)	Item no. SW 30	Item no. SW 16
60	60 - 105 (standard)	BAOT1020-SW30-H060	BAOT1020-SW16-H060
100	100 - 145	BAOT1020-SW30-H100	BAOT1020-SW16-H100
120	120 - 165	BAOT1020-SW30-H120	BAOT1020-SW16-H120
140	140 - 185	BAOT1020-SW30-H140	BAOT1020-SW16-H140

Base plates made of stainless steel A2	
Design height (mm)	Item no.
5	ULP5MM-A2
10	ULP10MM-A2

Subject to technical changes - © with Höllko®

TOP PART 1030

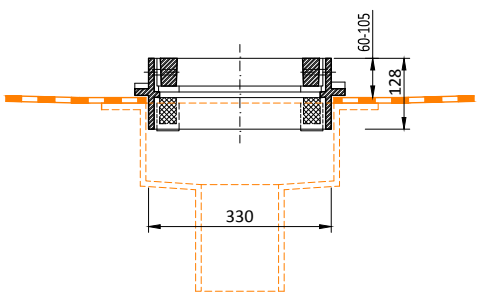
Product description/tender specification

Cast-iron top part suitable for installed base parts according to the former specification drawing WAS 3 (703 series)
class D 400 according to DIN EN 124/1229, grid size 300 x 500mm, design HÖLLKO 1030

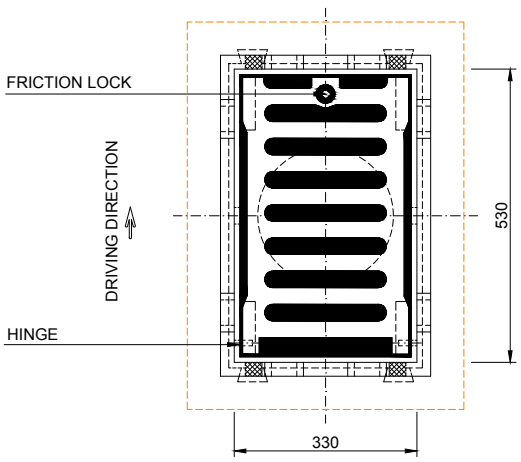
TÜVRheinland® LGA tested 71710 EN 124

Top part height- and angle-adjustable by means of base plates
Slot width 30mm – intake capacity 700cm² (standard)
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
suitable sludge traps available upon request

SECTION



TOP VIEW SW30



Top part made of cast iron		
Design height (mm)	Adjustment range (mm)	Item no. SW 30
60	60 - 105 (standard)	BAOT1030-SW30-H060
100	100 - 145	BAOT1030-SW30-H100
140	140 - 185	BAOT1030-SW30-H140
180	180 - 225	BAOT1030-SW30-H180

Base plates made of stainless steel A2	
Design height (mm)	Item no.
5	ULP5MM-A2
10	ULP10MM-A2

TOP PART 1040

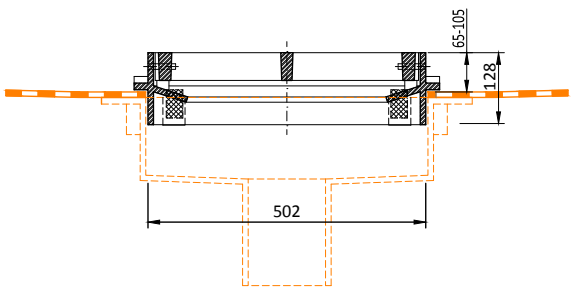
Product description/tender specification

Cast-iron top part suitable for installed base parts according to the former specification drawing WAS 3 (503 series)
class D 400 according to DIN EN 124/1229, grid size 500 x 500mm, design HÖLLKO 1040

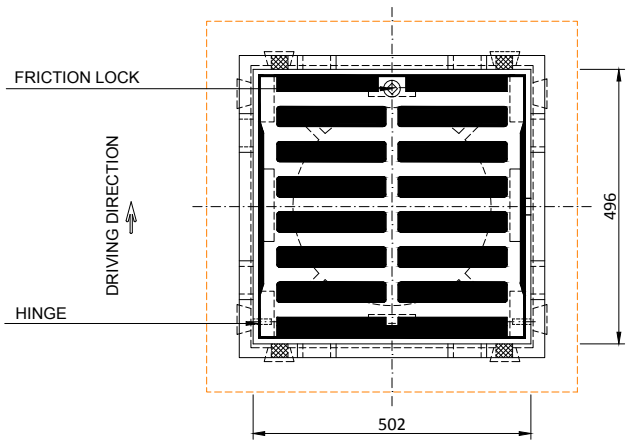
TÜVRheinland® LGA tested 71710 EN 124

Top part height- and angle-adjustable by means of base plates
Slot width 30mm – intake capacity 1300cm² (standard)
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
suitable sludge traps available upon request

SECTION



TOP VIEW SW30



Top part made of cast iron		
Design height (mm)	Adjustment range (mm)	Item no. SW 30
65	65 - 105	BAOT1040-SW30

Base plates made of stainless steel A2	
Design height (mm)	Item no.
5	ULP5MM-A2
10	ULP10MM-A2

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TOP PART 1050

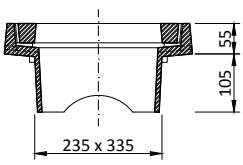
Product description/tender specification

**Cast-iron top part for bridge reconstruction
suitable for the Streicher system
class D 400 according to DIN EN 124/1229, grid size 300 x 400mm,
design HÖLLKO 1050**

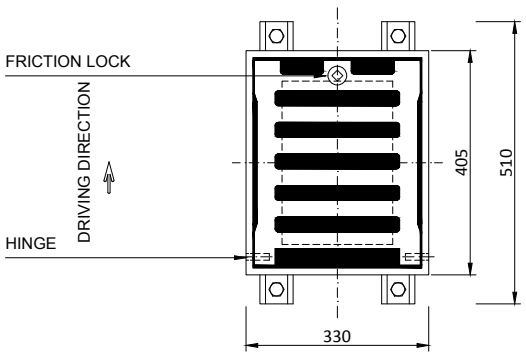
TÜVRheinland® LGA tested 71710 EN 124

Top part height- and angle-adjustable by means of threaded pins M 16
Slot width 30mm – intake capacity 480cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
suitable sludge traps available upon request

SECTION



TOP VIEW SW30



Top part made of cast iron		
Design height (mm)	Adjustment range (mm)	Item no. SW 30
55	55 - 105	BAOT1050-SW30-H055
95	95 - 145	BAOT1050-SW30-H095

RECONSTRUCTION ATTACHMENT 1065

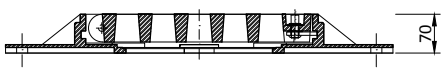
Product description/tender specification

Cast-iron reconstruction attachment for existing base parts class D 400 according to DIN EN 124/1229, grid size 300 x 400mm, design HÖLLKO 1065

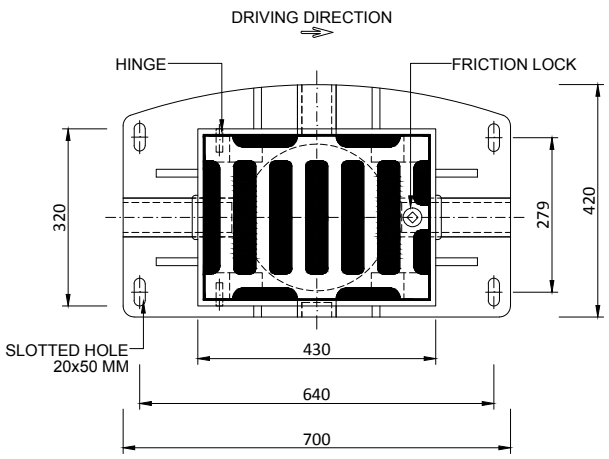
TÜVRheinland® LGA tested 71710 EN 124

with 3-side flange and soak slots
Slot width 36mm – intake capacity 565cm² (standard)
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
suitable sludge traps available upon request

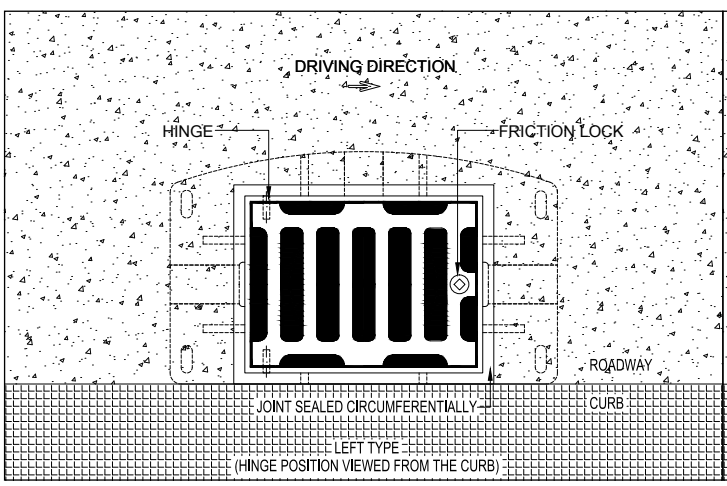
SECTION



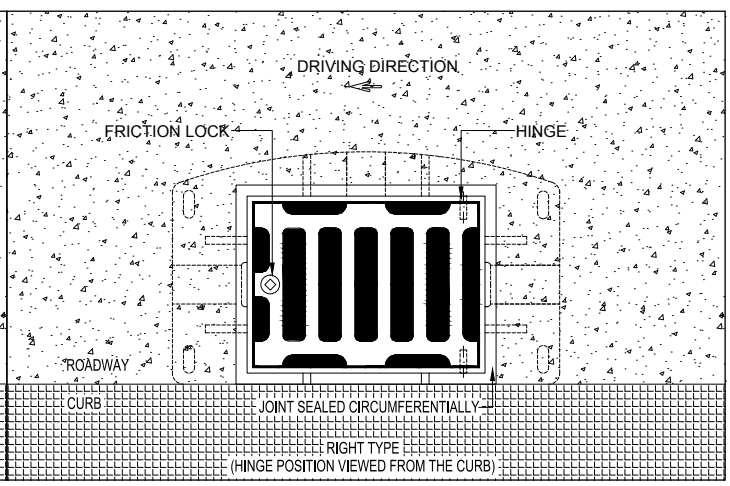
TOP VIEW SW36



TOP VIEW (INSTALLED CONDITION (left))



TOP VIEW (INSTALLED CONDITION (right))



Reconstruction attachment made of cast iron		
Design	Item no. SW 36	Item no. SW 16
left	SA1065-SW36-L	SA1065-SW16-L
right	SA1065-SW36-R	SA1065-SW16-R

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RECONSTRUCTION ATTACHMENT 1070

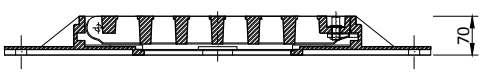
Product description/tender specification

Cast-iron reconstruction attachment for existing base parts class D 400 according to DIN EN 124/1229, grid size 300 x 500mm, design HÖLLKO 1070

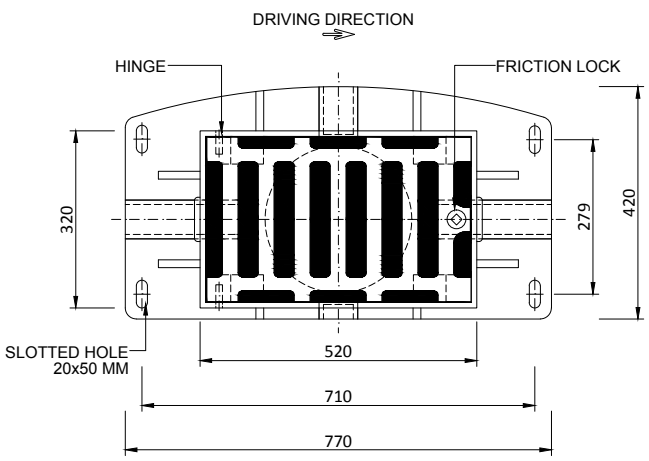
TÜVRheinland® LGA tested 71710 EN 124

with 3-side flange and soak slots
Slot width 36mm – intake capacity 700cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
suitable sludge traps available upon request

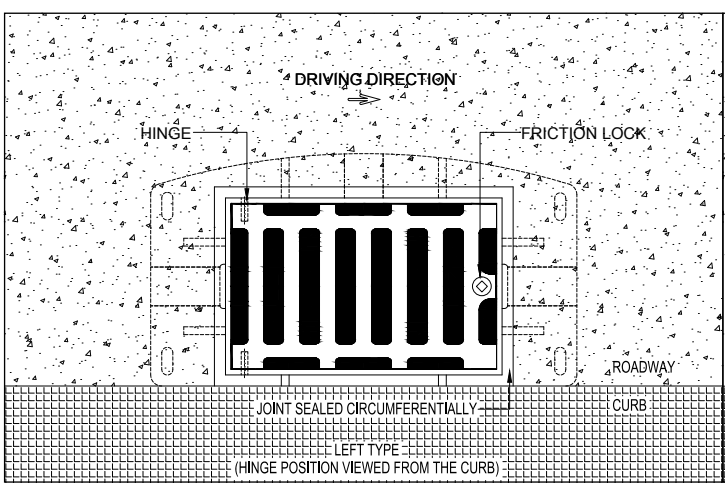
SECTION



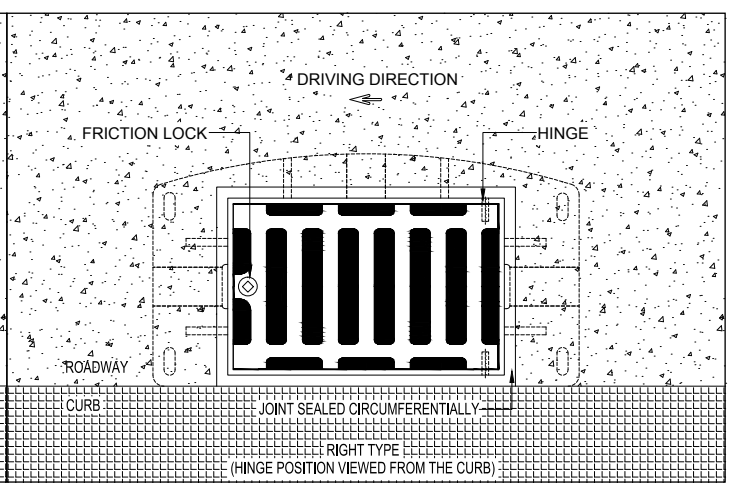
TOP VIEW SW36



TOP VIEW (INSTALLED CONDITION (left))



TOP VIEW (INSTALLED CONDITION (right))



Reconstruction attachment made of cast iron	
Design	Item no. SW 36
left	SA1070-SW36-L
right	SA1070-SW36-R

RECONSTRUCTION ATTACHMENT 1080

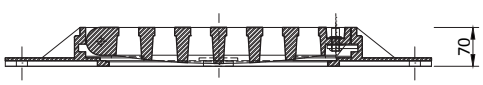
Product description/tender specification

Cast-iron reconstruction attachment for existing base parts class D 400 according to DIN EN 124/1229, grid size 500 x 500mm, design HÖLLKO 1080

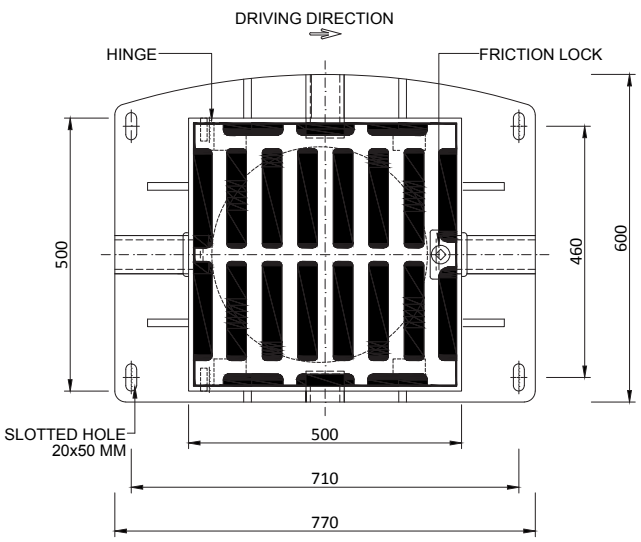
TÜVRheinland® LGA tested 71710 EN 124

with 3-side flange and soak slots
Slot width 36mm – intake capacity 1260cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
suitable sludge traps available upon request

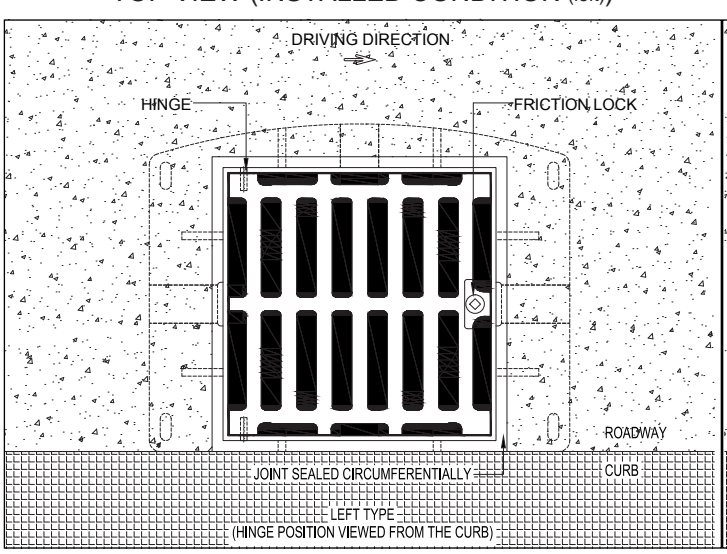
SECTION



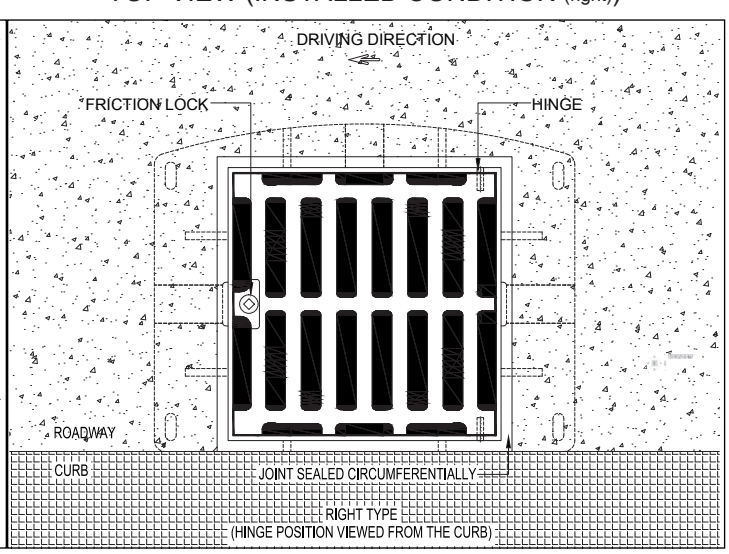
TOP VIEW SW36



TOP VIEW (INSTALLED CONDITION (left))



TOP VIEW (INSTALLED CONDITION (right))



Reconstruction attachment made of cast iron	
Design	Item no. SW 36
left	SA1080-SW36-L
right	SA1080-SW36-R

Subject to technical changes - © with Höllko®

RECONSTRUCTION ATTACHMENT 1082

Product description/tender specification

Cast-iron reconstruction attachment for existing base parts of the HSD 2 series (according to the former specification drawing WAS 2) class D 400 according to DIN EN 124/1229, grid size 300 x 400mm, design HÖLLKO 1082

TÜVRheinland® LGA tested 71710 EN 124

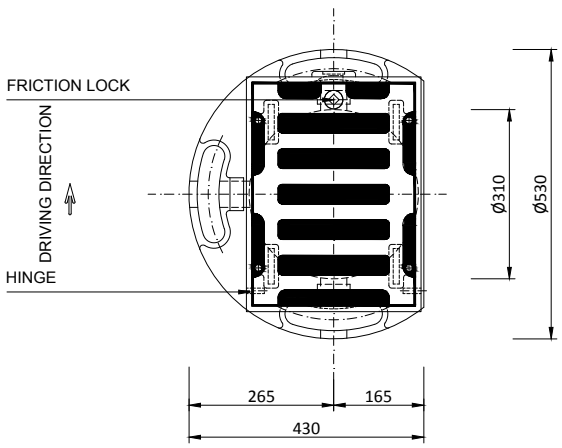
Top part height- and angle-adjustable (4.5°), sliding, and rotary
Flange ring with soaking slots
Slot width 36mm – intake capacity 565cm² (standard) and/or
Slot width 16mm – intake capacity 350cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Sludge trap made of steel sheet, hot-galvanised, volume 6L

Installation notes:

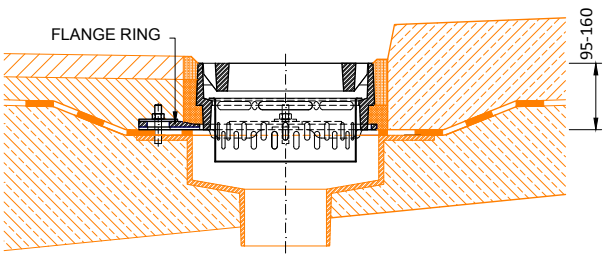
Insert supplied threaded pins M 12 into the flange of the existing base part according to the recesses of the flange ring, for example by means of thread cutting.

After having applied the seal, screw the flange ring by means of the supplied screwing material.
Position the bridge gully top part properly according to the installation instructions.

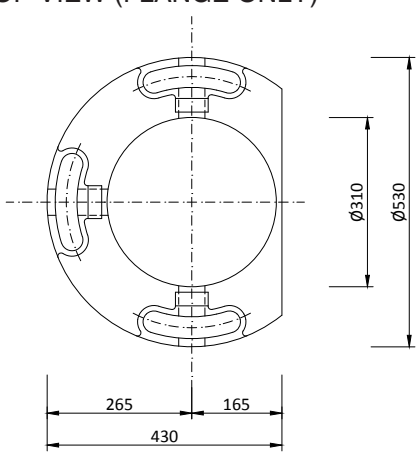
TOP VIEW (WITH TOP PART)



SECTION (INSTALLED CONDITION)



TOP VIEW (FLANGE ONLY)



Reconstruction attachment made of cast iron	
Item no. SW 36	Item no. SW 16
SA1082-SW36	SA1082-SW16

RECONSTRUCTION ATTACHMENT 1083

Product description/tender specification

Cast-iron reconstruction attachment for existing base parts of the HSD 3 series class D 400 according to DIN EN 124/1229, grid size 300 x 500mm, design HÖLLKO 1083

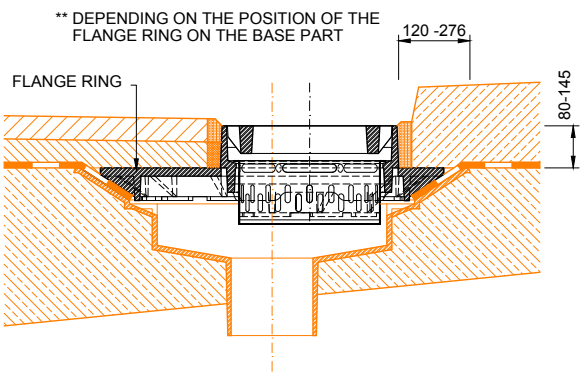
Top part height- and angle-adjustable (4.5°), sliding, and rotary
Flange ring with soaking slots
Slot width 36mm – intake capacity 700cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Sludge trap made of steel sheet, hot-galvanised, volume 6L

TÜVRheinland® LGA tested 71710 EN 124

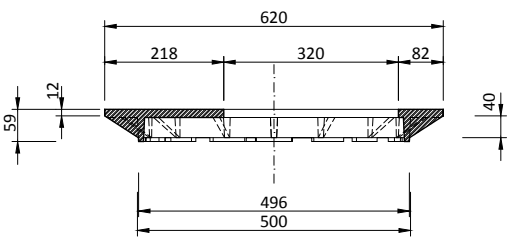
Installation notes:

After having applied the seal, insert the flange ring into the base part HSD 3 and screw it. Position the bridge gully top part of the HÖLLKO 2300 design according to our installation instructions.

SECTION (INSTALLED CONDITION)

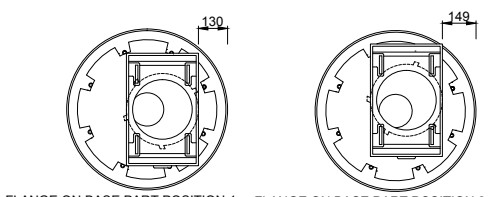


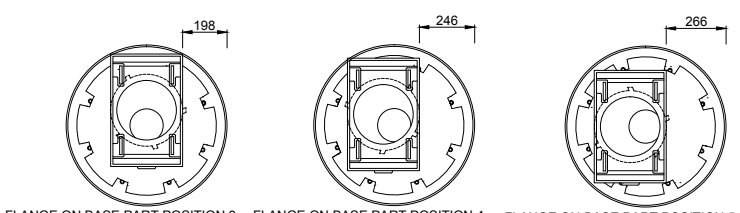
SECTION (FLANGE ONLY)



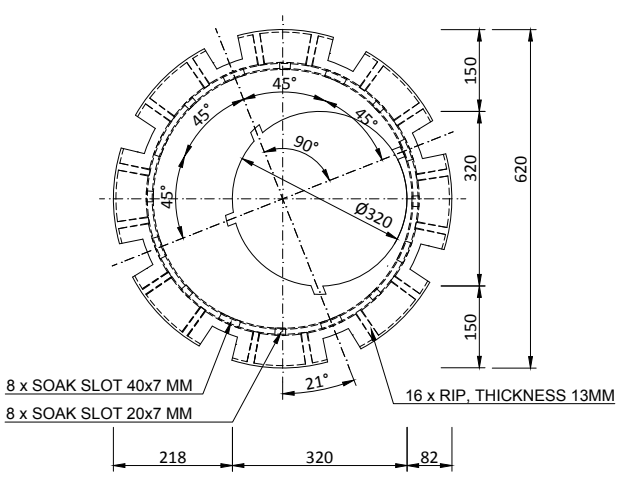
Position of the top part**

Depending on the position of the flange ring within the base part, the position of the top part can be changed. Rotations in steps of 45°. Additional adjustment clearance +/-10mm of the top part in recess of the flange ring.





TOP VIEW (FLANGE ONLY)



Reconstruction attachment made of cast iron
Item no. SW 36
SA1083-SW36

Subject to technical changes - © with Höllko®

RECONSTRUCTION ATTACHMENT 1085

Product description/tender specification

Cast-iron reconstruction attachment for existing base parts of the HSD 5 series class D 400 according to DIN EN 124/1229, grid size 500 x 500mm, design HÖLLKO 1085

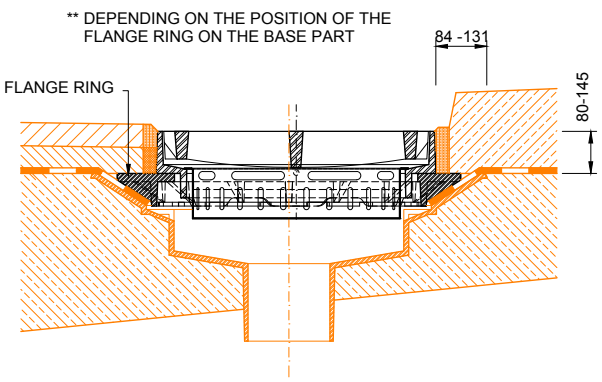
Top part height- and angle-adjustable (4.5°), sliding, and rotary
Flange ring with soaking slots
Slot width 36mm – intake capacity1260cm²
Top part (frame and grid) with dampening insert,
with hinge and friction lock (square, 14mm made of stainless steel)
Sludge trap made of steel sheet, hot-galvanised, volume 6.4L

TÜVRheinland® LGA tested 71710 EN 124

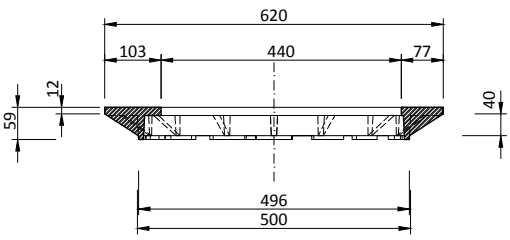
Installation notes:

After having applied the seal, insert the flange ring into the base part HSD 5 and screw it. Position the bridge gully top part of the HÖLLKO 2500 design according to our installation instructions.

SECTION (INSTALLED CONDITION)

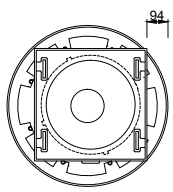


SECTION (FLANGE ONLY)

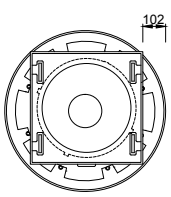


Position of the top part**

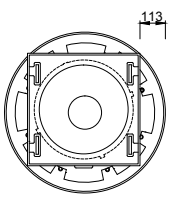
Depending on the position of the flange ring within the base part, the position of the top part can be changed. Rotations in steps of 45°. Additional adjustment clearance +/-10mm of the top part in recess of the flange ring.



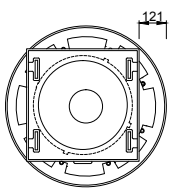
FLANGE ON BASE PART POSITION 1



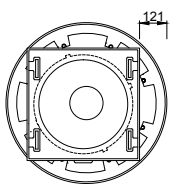
FLANGE ON BASE PART POSITION 2



FLANGE ON BASE PART POSITION 3

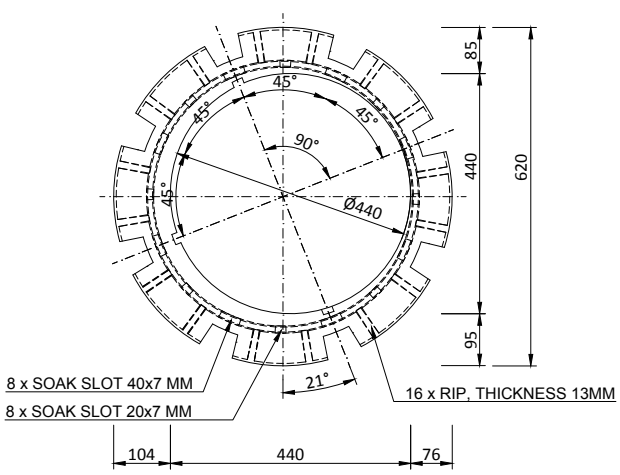


FLANGE ON BASE PART POSITION 4



FLANGE ON BASE PART POSITION 5

TOP VIEW (FLANGE ONLY)

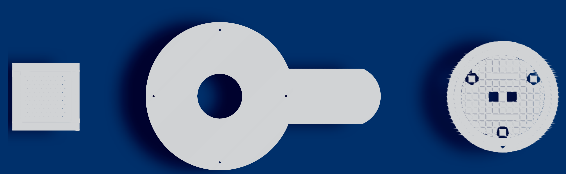


Reconstruction attachment made of cast iron
Item no. SW 36
SA1085-SW36

SPACE FOR NOTES

Subject to technical changes - © with Höllko®

DRIPPING SPOUTS
MANHOLE COVER
CLEANSING CONNECTION PIPES



No. 1210
(without connection)

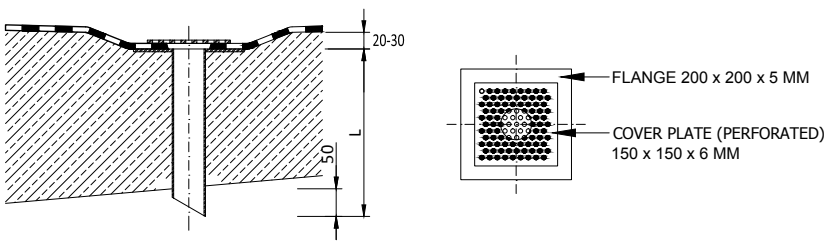
Product description/tender specification

**Dripping spout according to specification drawing WAS 11,
without connection option to drainage line
with perforated cover plate 150 x 150 x 6mm
Standard length 600mm
Stainless steel pipe 51 x 2.6mm with flange 200 x 200 x 5m
Material 1.4571**

Dripping spouts made of stainless steel	
Type	Item no.
straight	TT1210
inclined	TT1210-V1
angled	TT1210-V2
with 2 angles	TT1210-V3

SECTION
Design with oblique cut
(dripping edge)

TOP VIEW



No. 1220
(connection option to drainage line
and/or extension possible)

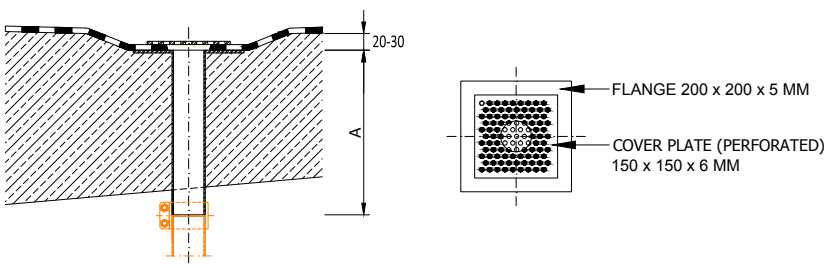
Product description/tender specification

**Dripping spout according to specification drawing WAS 11,
with/without connection option to drainage line
with perforated cover plate 150 x 150 x 6mm
Standard length 600mm
Stainless steel pipe 60.3 x 2.6mm with flange 200 x 200 x 5mm
Material 1.4571**

Dripping spouts made of stainless steel	
Type	Item no.
straight	TT1220
inclined	TT1220-V1
angled	TT1220-V2
with 2 angles	TT1220-V3

SECTION
Design with straight end

TOP VIEW



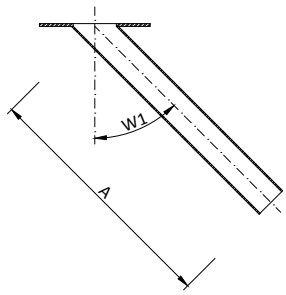
For special designs (types) see page 77

Subject to technical changes - © with Höllko®

DRIPPING SPOUT (SECTION TYPES)

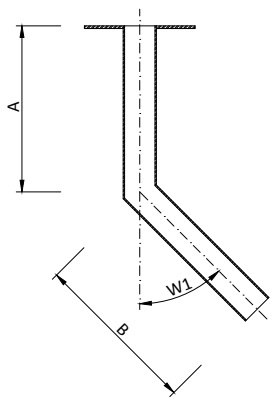
Examples for design types of the dripping spout base parts
Dimensions variable, please specify centre-to-centre dimensions and angles of inclination and diameters.
Material stainless steel

SECTION TYPE 1
(inclined)

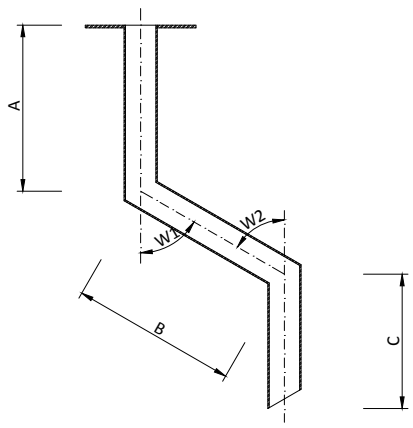


SECTION TYPE 2
(angled)

DRAWINGS FOR TYPE 1 TO 3
WITHOUT COVER PLATE



SECTION TYPE 3
(with 2 angles)

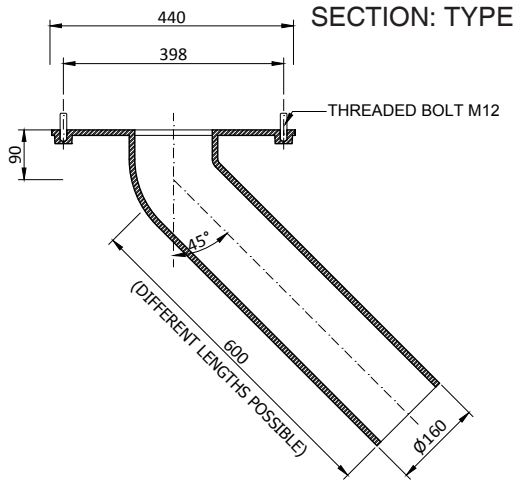


CLEANSING CONNECTION PIPE

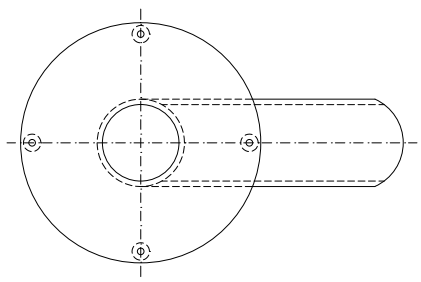
Product description/tender specification

**Cleansing connection pipe made of cast iron
with sealing flange ø 440mm
and 4 threaded bolts M 12 for clamping the
cover no. 1500
Coated with the colour DB 702 on the inside and outside,
connecting nozzle DN 150**

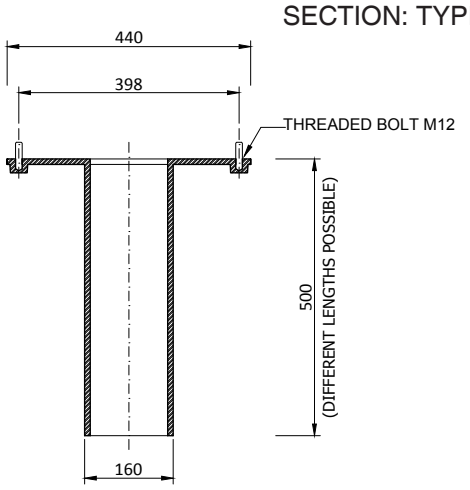
SECTION: TYPE 1300



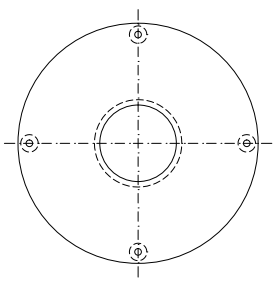
TOP VIEW: TYPE 1300



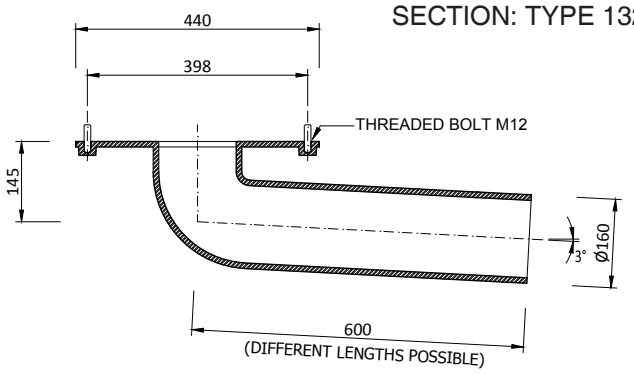
SECTION: TYPE 1310



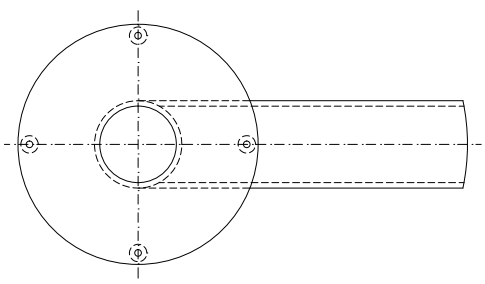
TOP VIEW: TYPE 1310



SECTION: TYPE 1320



TOP VIEW: TYPE 1320



Cleansing connection pipe made of cast iron	
Outlet DN 150	Item no.
45°	RAR1300
90°	RAR1310
3°	RAR1320

Subject to technical changes - © with Höllko®

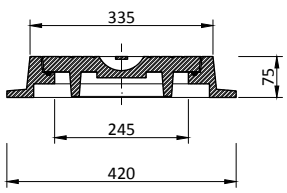
MANHOLE COVER

Product description/tender specification

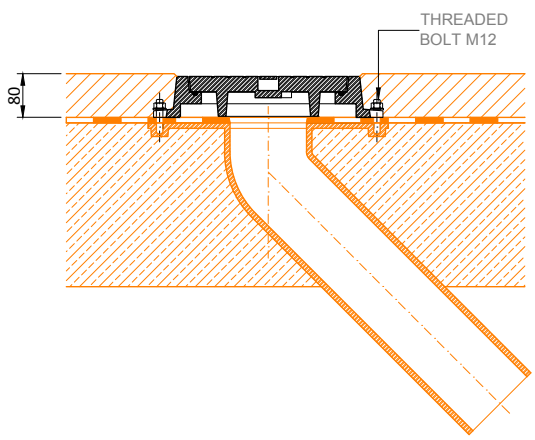
Surface water-proof manhole cover made of cast iron class D 400, according to DIN EN 124/1229, with triple friction lock, including seal made of EPDM, for covering the cleansing connection pipes,

not suitable for permanent access

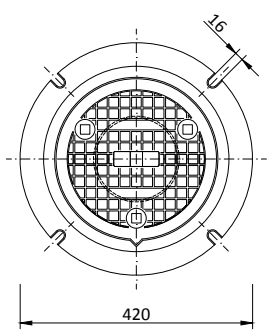
SECTION



SECTION (INSTALLED CONDITION)



TOP VIEW



Manhole cover
Item no.
SA1500

SPACE FOR NOTES

Subject to technical changes - © with Höllko®

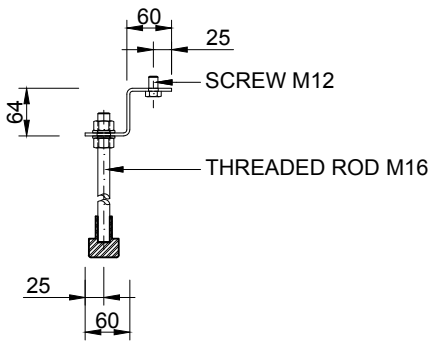
ACCESSORIES FOR BRIDGE GULLIES AND DRIPPING SPOUTS

Product description/tender specification

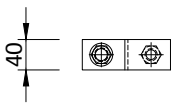
1 set of installation support for base parts of the 2000, 2300, and 2500 series, for infinitely variable height adjustment

Quantity: 1 set = 3 units

SECTION



TOP VIEW

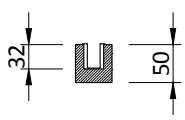


Installation support
Item no.
MU

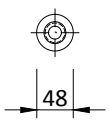
Product description/tender specification

Fibre cement socket for installation support for threaded rods M 16, H = 50mm

SECTION



TOP VIEW

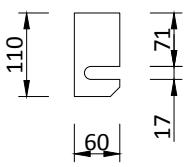


Fibre cement socket
Item no.
MUFSZ

Product description/tender specification

Base plates made of plastic for supporting the top parts adjusted regarding their height, for occurring traffic loads

TOP VIEW



Installation notes:

For each height adjustment level (5, 10, 20mm) 4 base plates are required in each case

The base plates can be combined with each other

Base plates		
Denomination	Thickness (mm)	Item no.
UFP	5	UFP-05
UFP	10	UFP-10
UFP	20	UFP-20

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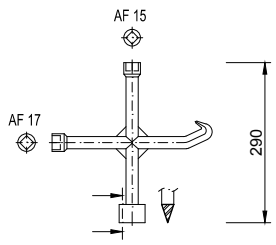
ACCESSORIES FOR BRIDGE GULLIES

Product description/tender specification

Handle key
made of cast iron "GGG" (coated), suitable for all HÖLLKO bridge gullies and manhole covers with friction lock (square screws)

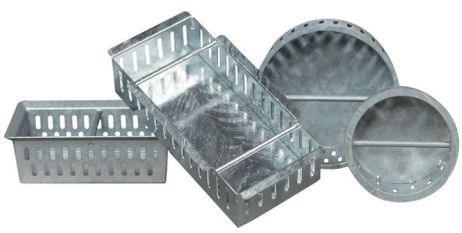
TOP VIEW



Handle key
Item no.
ABS1550

Product description/tender specification

Sludge trap made of steel sheet, hot-galvanised, available for all HÖLLKO bridge gullies

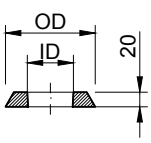


Sludge trap
Item no.
Special design upon request

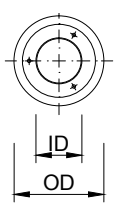
Product description/tender specification

Dripping rings for E-gullies, dripping spouts

SECTION



TOP VIEW



Dripping ring			
Suitable for OPD	OD (mm)	ID (mm)	Item no.
51mm	120	54	TKR051
60.3mm	123	63	TKR060
110mm	190	115	TKR110
160mm	205	163	TKR160
210mm	265	213	TKR210
220mm	274	222	TKR220

Other dimensions upon request

HÖLLKO®
Brückenentwässerung

93183 Kallmünz, Germany
Phone +49 (0) 9473 9407 - 0
Fax +49 (0) 9473 9407 - 49
email info@hoellko.com
Internet www.hoellko.com

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