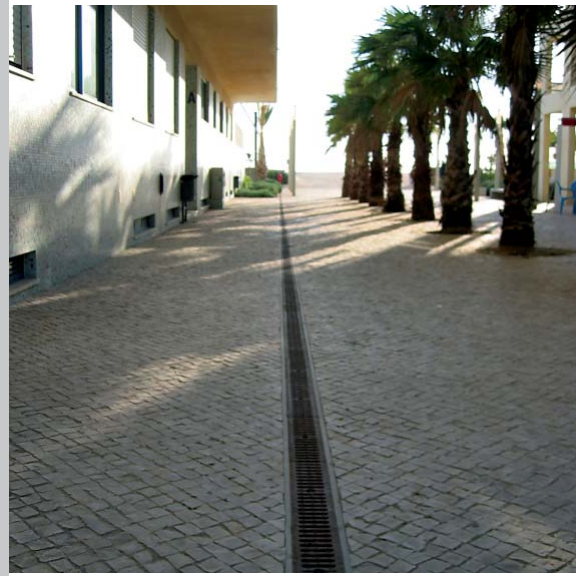
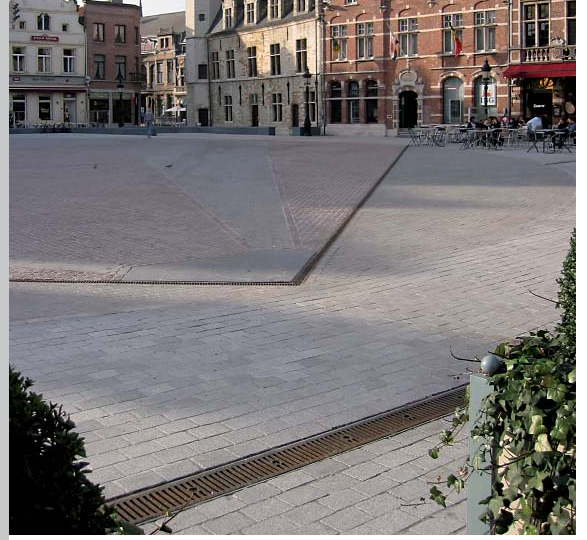


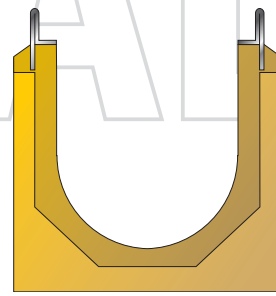
 **STORA-DRAIN**®
TECHNICAL type SE

The polyester concrete drainage channel with 4mm protective edge profile



TECHNICAL SE100 - SE150 - SE200 - SE300

EN 1433
Class D400 - E600






Due to their low weight, high strength, good chemical resistance and integrated galvanised or stainless steel protective edge profiles, the polyester concrete channels from the STORA-TECHNICAL range are the ideal solution for surface water drainage in areas with medium to heavy traffic loads. The STORA-TECHNICAL channel range offers solutions for surface water drainage in areas such as business parks, industrial estates and car parks that require the ability to withstand occasional heavy loadings.

The STORA-TECHNICAL drainage channels are available in 100 mm, 150 mm, 200 mm and 300mm width. The low weight of the channels as well as the tongue and groove jointing system simplify the installation. The wide range of inlay gratings available offers flexibility for different situations.

The STORA-TECHNICAL channels type SE are suitable for loadings up to and including class E600. The quality of the channels and the matching gratings is guaranteed in accordance with EN1433.

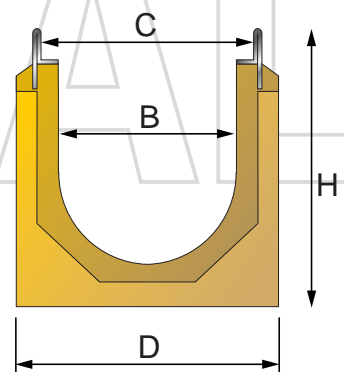


STORA-TECHNICAL is available as follows:

STORA-TECHNICAL	Width 100	Width 150	Width 200	Width 300
D400 	□	□		□
E600  	□		□	

TECHNICAL SE100 - SE150 - SE200 - SE300

EN 1433
Class D400 - E600



CHANNELS CONSTANT DEPTH GALVANISED PROFILE

Type SE100 (B=100 | C=125 | D=155)



N°	L (m)	H (mm)	Weight (kg)	Vertical outlet on channel	Units per pallet	Four-way junction	Art N°	Slotted grating cast iron 6 mm sleeve	Mesh grating galva
010	1	189	16,5	Ø110	44	-	SE100003	☐	☐
010	0,5	189	13,8	Ø110	-	ja	SE100004	☐	☐

stainless steel profile on request

Type SE150 (B=150 | C=180 | D=210)

N°	L (m)	H (mm)	Weight (kg)	Vertical outlet on channel	Units per pallet	Four-way junction	Art N°	Mesh grating galva
-	1	170	25,7	Ø160	45	-	SE150001	☐
-	1	220	29,8	Ø160	36	-	SE150002	☐
-	1	270	34,6	Ø160	36	-	SE150003	☐
-	0,5	270	27,0	390 x 125	-	ja	SE150004	☐

stainless steel profile on request

Type SE200 (B=200 | C=230 | D=260)

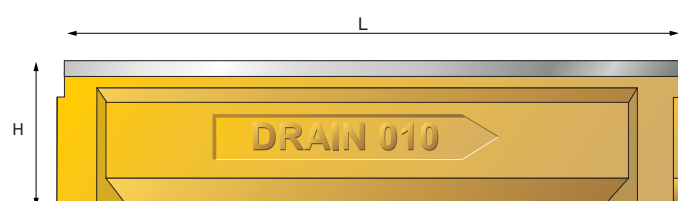
N°	L (m)	H (mm)	Weight (kg)	Vertical outlet on channel	Units per pallet	Four-way junction	Art N°	Mesh grating galva
-	1	130	21,0	Ø160	35	-	SE200001	☐
-	0,5	130	11,0	-	-	-	SE200002	☐
-	1	180	31,8	Ø200	35	-	SE200003	☐
-	1	240	32,5	Ø200	28	-	SE200004	☐
-	1	300	38,2	Ø200	21	-	SE200005	☐
-	0,5	300	29,5	390 x 130	-	ja	SE200006	☐

stainless steel profile on request

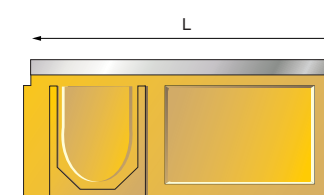
Type SE300 (B=300 | C=328 | D=360)

N°	L (m)	H (mm)	Weight (kg)	Vertical outlet on channel	Units per pallet	Four-way junction	Art N°	Mesh grating galva
-	1	245	52,5	Ø200	20	-	SE300001	☐
-	1	305	49,0	Ø200	15	-	SE300002	☐
-	1	365	62,2	Ø200	15	-	SE300003	☐
-	0,5	365	35,0	390 x 210	-	ja	SE300004	☐

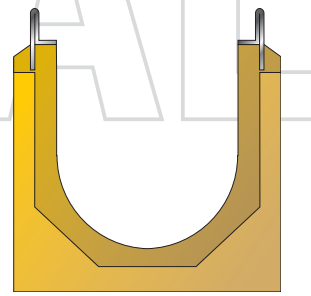
stainless steel profile on request



Channel 0,5m =
four-way junction



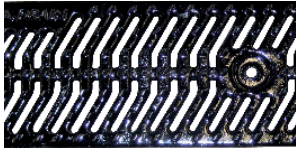
EN 1433
Class D400 - E600



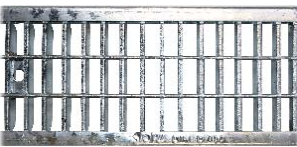
GRATINGS FOR TECHNICAL - type SE

(Colour and finishing of the gratings may vary from the images.)

For channel Type SE100



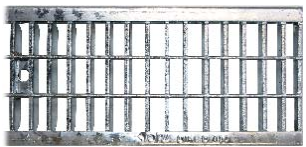
Grating type	Material	Sleeve/Mesh	Class	L (m)	Weight (kg)	Art N°
Slotted grating Anchorage type I	Ductile iron	6 mm	E600	0,5	5,8	S2620003



Mesh grating Anchorage type I	Galvanised	22 x 33 mm	D400	1	7,0	S2500103
				0,5	3,6	S2500104

stainless steel grating on request

For channel Type SE150



Grating type	Material	Sleeve/Mesh	Class	L (m)	Weight (kg)	Art N°
Mesh grating Anchorage type I	Galvanised	22x33	D400	1	9,5	S2500153
				0,5	5,0	S2500154

stainless steel grating on request

For channel Type SE200



Grating type	Material	Sleeve/Mesh	Class	L (m)	Weight (kg)	Art N°
Mesh grating Anchorage type I	Galvanised	22 x 33 mm	E600	1	9,5	S2500203
				0,5	5,0	S2500204

stainless steel grating on request

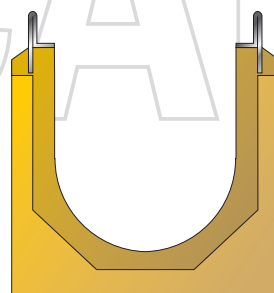
For channel Type SE300



Grating type	Material	Sleeve/Mesh	Class	L (m)	Weight (kg)	Art N°
Mesh grating Anchorage type I	Galvanised	22 x 33 mm	D400	1	16,5	S2500303
				0,5	8,5	S2500304

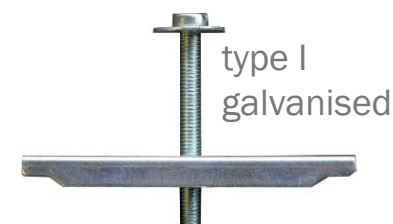
stainless steel grating on request

EN 1433
Class D400 - E600



ANCHORAGES

For use in areas requiring loadings up to class E600, gratings must be secured. Anchored gratings transfer the traffic loads to the channel and assure a long lifetime. Non-anchored gratings can be lifted due to fastmoving traffic. Each channel, L=1m, has two recesses in which the locking bars fit.



For channel Type SE100

Anchorage type	Material	Anchorage	Weight (kg)	Art. N°
I For slotted grating, mesh grating and cast iron grating	Galvanised	M8x70	0,1	S5000001

For channel Type SE150

Anchorage type	Material	Anchorage	Weight (kg)	Art. N°
I For slotted grating, mesh grating and cast iron grating	Galvanised	M8x100	0,2	S5100001

For channel Type SE200

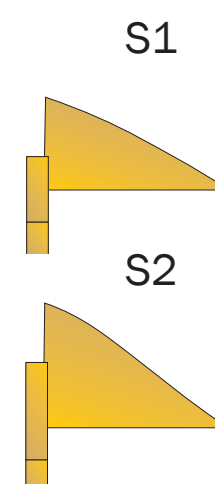
Anchorage type	Material	Anchorage	Weight (kg)	Art. N°
I For slotted grating, mesh grating and cast iron grating	Galvanised	M8x100	0,3	S5200001

For channel Type SE300

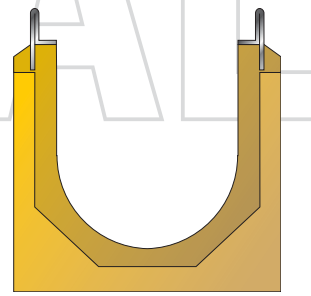
Anchorage type	Material	Anchorage	Weight (kg)	Art. N°
I For slotted grating, mesh grating and cast iron grating	Galvanised	M8x100	0,8	S5300001

STEPPED-FALL SYSTEM

For channel TYPE	N°	Installation before/ after channel	Weight (kg)	Art. N°
SE150	S1	H=170-220, of 220-270	2,3	S0000039
SE150	S2	H=170 tot 270	1,0	S0000139
SE200	S1	H=180-240, of 240-300	2,3	S0000038
SE200	S2	H=180 tot 300	1,5	S0000138
SE300	S1	H=245-305, of 305-365	3,8	S0000040
SE300	S2	H=245 tot 365	2,5	S0000140



EN 1433
Class D400 - E600



ENDCAPS (with or without outlet) GALVANISED PROFILE

For channel Type SE100

N°	Height (mm)	Installation before/after channel	Weight (kg)	Art.N°	Integrated In-/Outlet with gasket and PE cover plate
010	185	n°010	1,2	SE100032	Ø110

For channel Type SE150

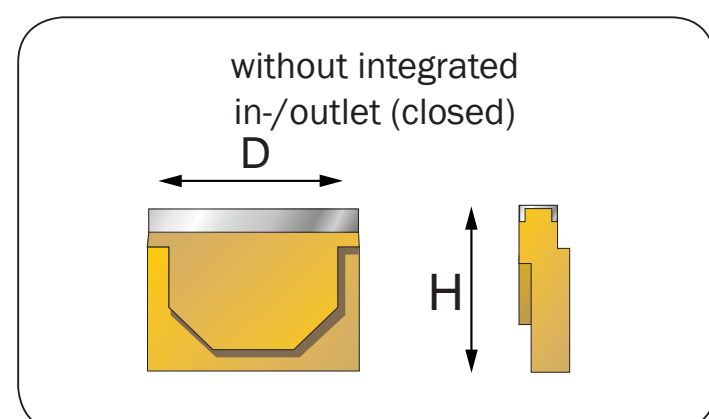
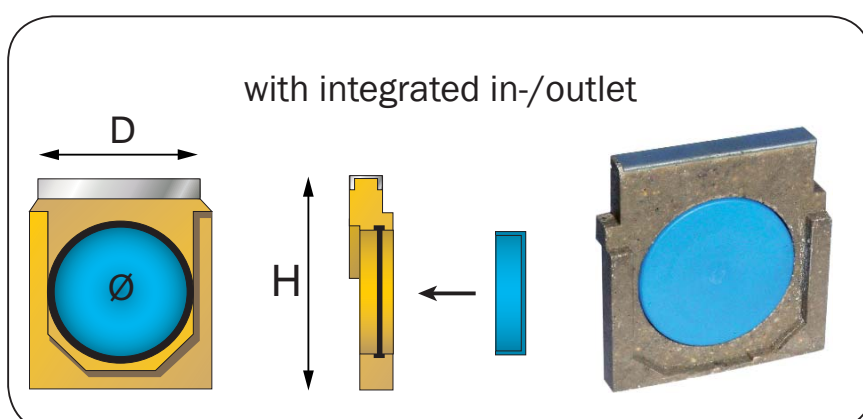
N°	Height (mm)	Installation before/after channel	Weight (kg)	Art.N°	Integrated In-/Outlet with gasket and PE cover plate
-	170	H=170	1,7	SE150006	Ø110
-	220	H=220	2,4	SE150007	Ø110
-	270	H=270	2,5	SE150008	Ø160

For channel Type SE200

N°	Height (mm)	Installation before/after channel	Weight (kg)	Art.N°	Integrated In-/Outlet with gasket and PE cover plate
-	130	H=130	2,5	SE200008	-
-	180	H=180	2,3	SE200009	Ø110
-	240	H=240	2,8	SE200010	Ø160
-	300	H=300	3,6	SE200011	Ø160

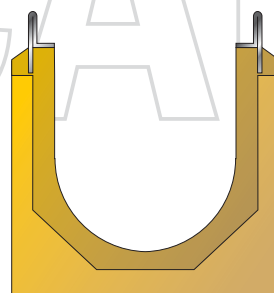
For channel Type SE300

N°	Height (mm)	Installation before/after channel	Weight (kg)	Art.N°	Integrated In-/Outlet with gasket and PE cover plate
-	245	H=245	4,5	SE300006	Ø160
-	305	H=305	5,1	SE300007	Ø200
-	365	H=365	6,1	SE300008	Ø200



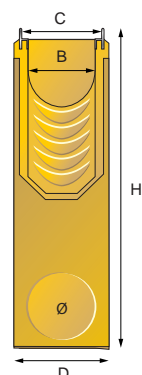
TECHNICAL SE100 - SE150 - SE200 - SE300


EN 1433
Class D400 - E600



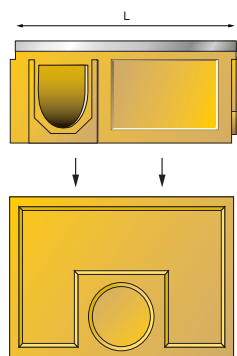
SUMP UNIT GALVANISED PROFILE

Type SE100



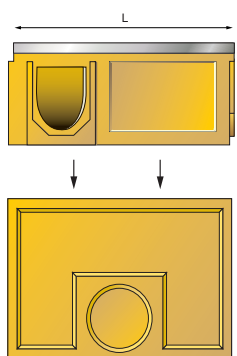
	L (m)	H (mm)	Weight (kg)	GALVA Art.N°	Stainl.Steel Weight (kg)	Stainl.Steel Art.N°	Outlets
 Sump unit	0,5	590	31,6	SE100009	-	-	Lateral outlet with rubber gasket and PVC cap Ø110 Lateral preperforation both sides Ø110/160 Crosscut preperforation Ø110
Bucket	0,5	240	1,8	S2300003	1,8	S2310003	-

Type SE150



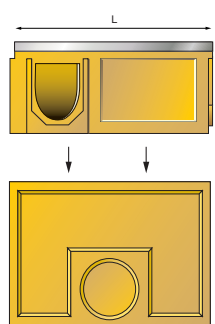
	L (m)	H (mm)	Weight (kg)	Art.N°	Outlets
Channel with rectangular vertical outlet	0,5	270	27,0	SE150004	-
Gully	0,5	350	25,9	S7000001	Ø160/Ø200/Ø225/Ø250
Gully	0,5	700	51,5	S7000002	Ø160/Ø200/Ø225/Ø250
Bucket	0,5	350	4,2	S7000003	-
Bucket	0,5	600	5,0	S7000004	-

Type SE200



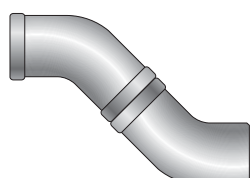
	L (m)	H (mm)	Weight (kg)	Art.N°	Outlets
Channel with rectangular vertical outlet	0,5	300	29,5	SE200006	-
Gully	0,5	350	25,9	S7000001	Ø160/Ø200/Ø225/Ø250
Gully	0,5	700	51,5	S7000002	Ø160/Ø200/Ø225/Ø250
Bucket	0,5	350	4,2	S7000003	-
Bucket	0,5	600	5,0	S7000004	-

Type SE300



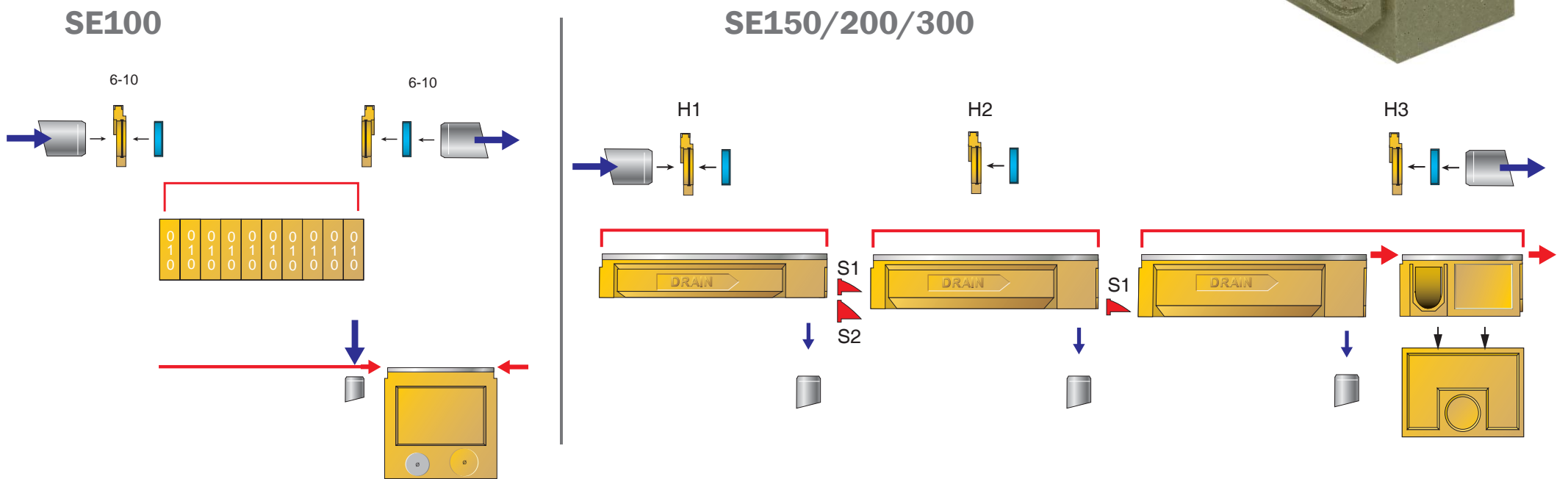
	L (m)	H (mm)	Weight (kg)	Art.N°	Outlets
Channel with rectangular vertical outlet	0,5	365	35,0	SE300004	-
Gully	0,5	350	25,9	S7000001	Ø160/Ø200/Ø225/Ø250
Gully	0,5	700	51,5	S7000002	Ø160/Ø200/Ø225/Ø250
Bucket	0,5	350	6,2	S7000013	-
Bucket	0,5	600	7,5	S7000014	-

Foul-air trap



Dia.	For sump unit	Weight (kg)	Art.N°
Ø110	SE100	1,0	S7000005
Ø160	SE100-150-200-300	3,2	S7000006
Ø200	SE200-300	4,0	S7000007

HOW DO YOU MAKE UP A CHANNEL RUN ?



SPECIFICATIONS (BASIC TEXT WITH OPTIONS) TECHNICAL-TYPE SE

Width 100

- construction depth: height 189mm = N° 010

Options STORA-TECHNICAL W100:

- sump unit width 100
 - with galvanised or stainless steel bucket
 - with or without foul-air trap (dia. Ø110 or Ø160)
- gratings class D400 or E600
- anchorages type I

Width 150

- height of the channels: 170, 220 and 270mm

Options STORA-TECHNICAL W150:

- four-way junction with rectangular vertical outlet in combination with gully, height 350mm or 700mm
 - with galvanised steel bucket
 - with or without foul-air trap (dia. Ø160 or Ø200)
- gratings class D400
- anchorages type I

Width 200

- height of the channels: 130, 180, 240 and 300mm

Options STORA-TECHNICAL W200:

- four-way junction with rectangular vertical outlet in combination with gully, height 350mm or 700mm
 - with galvanised steel bucket
 - with or without foul-air trap (dia. Ø160 or Ø200)
- gratings class E600
- anchorages type I

Width 300

- height of the channels: 245, 305 and 365mm

Options STORA-TECHNICAL W300:

- four-way junction with rectangular vertical outlet in combination with gully, height 350mm or 700mm
 - with galvanised steel bucket
 - with or without foul-air trap (dia. Ø160 or Ø200)
- gratings class D400
- anchorages type I

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