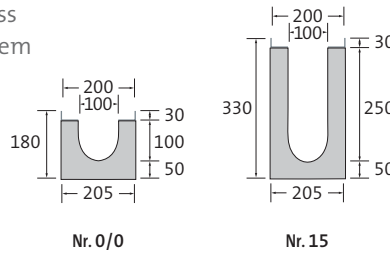


BIRCOsir | NW 100

Stability and Diversity

Channel elements | 1% internal inbuilt fall

- + Hot-dipped galvanised solid steel angle for combi-closure system
- + As special solution also with stainless steel angle (V2A, combi-closure system not in V2A)
- + Safety sealing joint



Description	Length	Width at top/at ground	Construction height at groove / tongue	Weight	Load Class DIN EN 1433	Article No.
Channel no. 1	1000 mm	200/205 mm	180/190 mm	57.0 kg	A 15 - F 900	020001
Channel no. 2	1000 mm	200/205 mm	190/200 mm	63.4 kg	A 15 - F 900	020002
Channel no. 3	1000 mm	200/205 mm	200/210 mm	65.4 kg	A 15 - F 900	020003
Channel no. 4	1000 mm	200/205 mm	210/220 mm	68.4 kg	A 15 - F 900	020004
Channel no. 5	1000 mm	200/205 mm	220/230 mm	70.4 kg	A 15 - F 900	020005
Channel no. 6	1000 mm	200/205 mm	230/240 mm	72.4 kg	A 15 - F 900	020006
Channel no. 7	1000 mm	200/205 mm	240/250 mm	74.4 kg	A 15 - F 900	020007
Channel no. 8	1000 mm	200/205 mm	250/260 mm	76.4 kg	A 15 - F 900	020008
Channel no. 9	1000 mm	200/205 mm	260/270 mm	78.4 kg	A 15 - F 900	020009
Channel no. 10	1000 mm	200/205 mm	270/280 mm	80.4 kg	A 15 - F 900	020010
Channel no. 11	1000 mm	200/205 mm	280/290 mm	82.4 kg	A 15 - F 900	020011
Channel no. 12	1000 mm	200/205 mm	290/300 mm	84.4 kg	A 15 - F 900	020012
Channel no. 13	1000 mm	200/205 mm	300/310 mm	86.4 kg	A 15 - F 900	020013
Channel no. 14	1000 mm	200/205 mm	310/320 mm	88.4 kg	A 15 - F 900	020014
Channel no. 15	1000 mm	200/205 mm	320/330 mm	90.4 kg	A 15 - F 900	020015

Channel elements | without internal inbuilt fall

- + Hot-dipped galvanised solid steel angle for combi-closure system
- + As special solution also with stainless steel angle (V2A, combi-closure system not in V2A)
- + Safety sealing joint

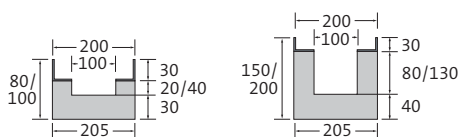
Description	Length	Width at top/at ground	Construction height at groove / tongue	Weight	Load Class DIN EN 1433	Article No.
Channel no. 0/0	500 mm	200/205 mm	180/180 mm	30.8 kg	A 15 - F 900	020031
Channel no. 0/0	1000 mm	200/205 mm	180/180 mm	56.4 kg	A 15 - F 900	020026
Channel no. 5/0	1000 mm	200/205 mm	230/230 mm	71.4 kg	A 15 - F 900	020027
Channel no. 10/0	1000 mm	200/205 mm	280/280 mm	81.4 kg	A 15 - F 900	020028
Channel no. 15/0	1000 mm	200/205 mm	330/330 mm	91.4 kg	A 15 - F 900	020029

Channels No. 0/0 and 5/0 also available with socket DN 100 (Article No. 020025/020024) for vertical outlet.



Shallow channels | without internal inbuilt fall

- + Hot-dipped galvanised solid steel angle for combi-closure system
- + As special solution also with stainless steel angle (V2A, combi-closure system not in V2A)
- + Safety sealing joint



Description	Length	Width at top/at ground	Construction height at groove / tongue	Weight	Load Class DIN EN 1433	Article No.
Shallow channel construction height 80	1000 mm	200/205 mm	80/80 mm	28.4 kg	A 15 – E 600	030026
Shallow channel construction height 100	1000 mm	200/205 mm	100/100 mm	32.4 kg	A 15 – E 600	030027
Shallow channel construction height 150	1000 mm	200/205 mm	150/150 mm	52.4 kg	A 15 – E 600	030029
Shallow channel construction height 200	1000 mm	200/205 mm	200/200 mm	62.4 kg	A 15 – E 600	030030

Silt bucket for drainage channels with horizontal drilling

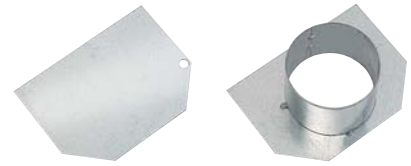
- + Galvanised
- + Drilled hole on request



Description	Article No.
Silt bucket DN 100	603011
Silt bucket for shallow channel DN 100	603014

End caps

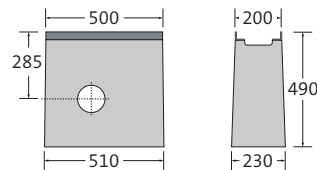
+ Also available in stainless steel (V2A)



Description	Width	For construction height	Weight	Article No.
End cap, galvanised, no. 0/0 – 2	200 mm	180 – 200 mm	0.4 kg	020090
End cap, galvanised, no. 3 – 4	200 mm	200 – 220 mm	0.5 kg	020091
End cap, galvanised, no. 5 – 6	200 mm	220 – 240 mm	0.6 kg	020092
End cap, galvanised, no. 7 – 8	200 mm	240 – 260 mm	0.6 kg	020093
End cap, galvanised, no. 9 – 10/0	200 mm	260 – 280 mm	0.7 kg	020094
End cap, galvanised, no. 11 – 12	200 mm	280 – 300 mm	0.7 kg	020095
End cap, galvanised, no. 13 – 14	200 mm	300 – 320 mm	0.8 kg	020096
End cap, galvanised, no. 15 – 15/0	200 mm	320 – 330 mm	0.9 kg	020097
Shallow end cap, galvanised, construction height 80 – 100	200 mm	80 – 100 mm	0.3 kg	030040
Shallow end cap, galvanised, construction height 150	200 mm	150 mm	0.5 kg	030041
Shallow end cap, galvanised, construction height 200	200 mm	200 mm	0.6 kg	030042
End cap with outlet DN 100, galvanised no. 0/0	200 mm	180 mm	0.8 kg	020045
End cap with outlet DN 100, galvanised no. 5/0	200 mm	230 mm	0.9 kg	020046
End cap with outlet DN 100, galvanised no. 10/0	200 mm	280 mm	1.1 kg	020047
End cap with outlet DN 100, galvanised no. 15/0	200 mm	330 mm	1.4 kg	020048

In-line outfall unit | 1-piece

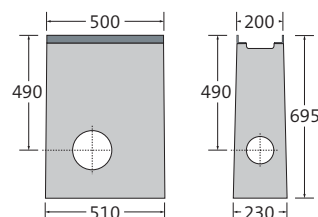
- + 1- or 2-sided channel connection
- + PP odour trap, PP silt bucket
- + 1 integrated socket for DN 100 pipe connection
- + Hot-dipped galvanised solid steel angle for combi-closure system
- + As special solution also with stainless steel angle (V2A, combi-closure system not in V2A)



Description	Length	Width at top/at ground	Construction height at groove / tongue	Weight	Load Class DIN EN 1433	Article No.
No. 0/0 to no. 10	500 mm	200/230 mm	490 mm	78.2 kg	A 15 – F 900	020035

In-line outfall unit | with increased drainage capacity | 1-piece

- + 1- or 2-sided channel connection
- + PP-silt bucket (also galvanised)
- + 2 integrated sockets for DN 100 pipe connection (with PP-odour trap) or DN 150 (without odour trap)
- + 2 sockets plugs
- + Hot-dipped galvanised solid steel angle for combi-closure system
- + As special solution also with stainless steel angle (V2A, combi-closure system not in V2A)



Description	Length	Width at top/at ground	Construction height	Weight	Load Class DIN EN 1433	Article No.
no. 0/0 to no. 15	500 mm	200/230 mm	695 mm	103.2 kg	A 15 – F 900	020037

Ductile iron slotted gratings

- + Black immersion-lacquered
- + Also available galvanised
- + 8 point per metre M12/A2 bolt connection
- + 8 point per metre Easylock-fastening (alternatively)



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross section	Load Class DIN EN 1433	Article No.
black	500 mm	187 mm	30 mm	5.2 kg	SW 100/13 mm	469 cm ² /m	A 15 – C 250	020072/e
black	500 mm	187 mm	30 mm	6.4 kg	SW 100/13 mm	469 cm ² /m	A 15 – E 600	020075/e
black	500 mm	187 mm	30 mm	7.6 kg	SW 100/13 mm	469 cm ² /m	A 15 – F 900	020078

Ductile iron slotted grating | narrow slot

- + Black immersion-lacquered
- + 8 point per metre M12/A2 bolt connection



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross section	Load Class DIN EN 1433	Article No.
black	500 mm	187 mm	30 mm	7.5 kg	SW 100/6 mm	260 cm ² /m	A 15 – E 600	020073

Article No. with e = with Easylock, SW = slot width
Exception up to D 400: Not for use across the carriage- way of highways or motorways

Mesh grating | ductile iron

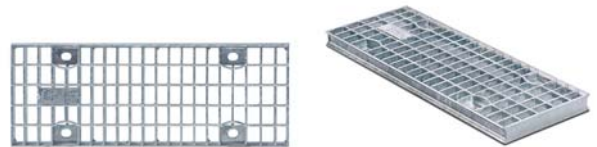
- + Black immersion-lacquered
- + Also available galvanised
- + 8point per metre M12/A2 bolt connection
- + 8 point per metre Easylock-fastening (alternatively)



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross section	Load Class DIN EN 1433	Article No.
black	500 mm	187 mm	30 mm	7.2 kg	MW 20/30 mm	876 cm ² /m	A 15 – E 600	020086/e

Mesh gratings | galvanised steel

- + Hot-dipped galvanised
- + 4 point per grating M12/A2 bolt connection
- + 4 point per grating Easylock-fastening (alternatively)
- + Also available in stainless steel (V2A) (without Easylock)



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross section	Load Class DIN EN 1433	Article No.
hot-dipped galvanised	500 mm	187 mm	30 mm	2.8 kg	MW 30/30 mm	1334 cm ² /m	A 15 – C 250	020062/e
hot-dipped galvanised	1000 mm	187 mm	30 mm	5.6 kg	MW 30/30 mm	1334 cm ² /m	A 15 – C 250	020052/e
hot-dipped galvanised	500 mm	187 mm	30 mm	3.5 kg	MW 30/12 mm	1154 cm ² /m	A 15 – C 250	020063/e
hot-dipped galvanised	1000 mm	187 mm	30 mm	6.3 kg	MW 30/12 mm	1154 cm ² /m	A 15 – C 250	020053/e
hot-dipped galvanised	500 mm	187 mm	30 mm	5.0 kg	MW 20/30 mm	1140 cm ² /m	A 15 – E 600	020064/e
hot-dipped galvanised	1000 mm	187 mm	30 mm	9.5 kg	MW 20/30 mm	1140 cm ² /m	A 15 – E 600	020054/e
hot-dipped galvanised	500 mm	187 mm	30 mm	5.8 kg	MW 20/12 mm	1019 cm ² /m	A 15 – E 600	020065/e
hot-dipped galvanised	1000 mm	187 mm	30 mm	10.9 kg	MW 20/12 mm	1019 cm ² /m	A 15 – E 600	020055/e