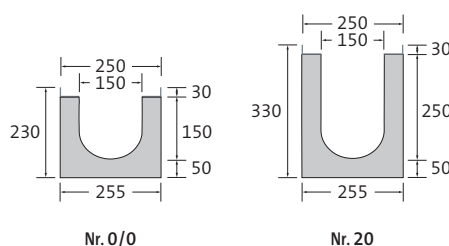


BIRCOsir | NW 150

Stability and Diversity

Channel elements | 0.5% 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 | 250/255 mm | 230/235 mm | 79.4 kg | A 15 - F 900 | 020101 |
| Channel no. 2 | 1000 mm | 250/255 mm | 235/240 mm | 80.4 kg | A 15 - F 900 | 020102 |
| Channel no. 3 | 1000 mm | 250/255 mm | 240/245 mm | 81.0 kg | A 15 - F 900 | 020103 |
| Channel no. 4 | 1000 mm | 250/255 mm | 245/250 mm | 82.4 kg | A 15 - F 900 | 020104 |
| Channel no. 5 | 1000 mm | 250/255 mm | 250/255 mm | 83.4 kg | A 15 - F 900 | 020105 |
| Channel no. 6 | 1000 mm | 250/255 mm | 255/260 mm | 84.4 kg | A 15 - F 900 | 020106 |
| Channel no. 7 | 1000 mm | 250/255 mm | 260/265 mm | 85.4 kg | A 15 - F 900 | 020107 |
| Channel no. 8 | 1000 mm | 250/255 mm | 265/270 mm | 86.4 kg | A 15 - F 900 | 020108 |
| Channel no. 9 | 1000 mm | 250/255 mm | 270/275 mm | 87.4 kg | A 15 - F 900 | 020109 |
| Channel no. 10 | 1000 mm | 250/255 mm | 275/280 mm | 88.4 kg | A 15 - F 900 | 020110 |
| Channel no. 11 | 1000 mm | 250/255 mm | 280/285 mm | 91.4 kg | A 15 - F 900 | 020111 |
| Channel no. 12 | 1000 mm | 250/255 mm | 285/290 mm | 92.4 kg | A 15 - F 900 | 020112 |
| Channel no. 13 | 1000 mm | 250/255 mm | 290/295 mm | 93.4 kg | A 15 - F 900 | 020113 |
| Channel no. 14 | 1000 mm | 250/255 mm | 295/300 mm | 94.4 kg | A 15 - F 900 | 020114 |
| Channel no. 15 | 1000 mm | 250/255 mm | 300/305 mm | 95.4 kg | A 15 - F 900 | 020115 |
| Channel no. 16 | 1000 mm | 250/255 mm | 305/310 mm | 96.4 kg | A 15 - F 900 | 020116 |
| Channel no. 17 | 1000 mm | 250/255 mm | 310/315 mm | 97.4 kg | A 15 - F 900 | 020117 |
| Channel no. 18 | 1000 mm | 250/255 mm | 315/320 mm | 98.4 kg | A 15 - F 900 | 020118 |
| Channel no. 19 | 1000 mm | 250/255 mm | 320/325 mm | 99.4 kg | A 15 - F 900 | 020119 |
| Channel no. 20 | 1000 mm | 250/255 mm | 325/330 mm | 100.4 kg | A 15 - F 900 | 020120 |

Exception up to D 400: Not for use across the carriage- way of highways or motorways



Channel elements | without internal inbuilt fall

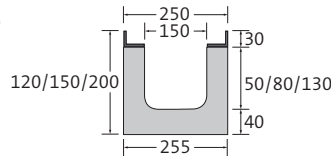
- + Hot-dipped galvanised solid steel angle for combi-closure system
- + As special solution also with stainless steel angle (V2A, combi-closure system not in V2A)
- + Safety sealing joint

| 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 | 250/255 mm | 230/230 mm | 37.5 kg | A 15 – F 900 | 020131 |
| Channel no. 0/0 | 1000 mm | 250/255 mm | 230/230 mm | 78.4 kg | A 15 – F 900 | 020126 |
| Channel no. 5/0 | 1000 mm | 250/255 mm | 255/255 mm | 83.4 kg | A 15 – F 900 | 020127 |
| Channel no. 10/0 | 1000 mm | 250/255 mm | 280/280 mm | 86.4 kg | A 15 – F 900 | 020128 |
| Channel no. 15/0 | 1000 mm | 250/255 mm | 305/305 mm | 93.4 kg | A 15 – F 900 | 020129 |

Rinnen no. 0/0 und 5/0 auch mit Muffe DN 150 (Article No.020125/020124) für senkrechten Ablauf erhältlich.

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 120 | 1000 mm | 250/255 mm | 120/120 mm | 53.4 kg | A 15 – E 600 | 030126 |
| Shallow channel construction height 150 | 1000 mm | 250/255 mm | 150/150 mm | 56.4 kg | A 15 – E 600 | 030127 |
| Shallow channel construction height 200 | 1000 mm | 250/255 mm | 200/200 mm | 63.0 kg | A 15 – E 600 | 030128 |

Silt bucket for drainage channels with horizontal drilling

- + Galvanised
- + Drilled hole on request



| Description | Article No. |
|--|-------------|
| Silt bucket DN 150 | 603012 |
| Silt bucket for shallow channel DN 150 | 603015 |

Exception up to D 400: Not for use across the carriage- way of highways or motorways



End caps

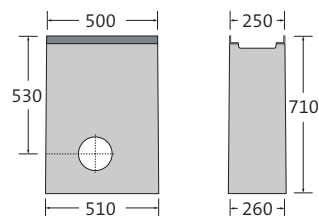
+ Also available in stainless steel (V2A)



| Description | Width | For construction height | Weight | Article no. |
|--|--------|-------------------------|--------|-------------|
| End cap, galvanised, no. 0/0 – 5/0 | 250 mm | 230 – 255 mm | 0.7 kg | 020190 |
| End cap, galvanised, no. 6 – 10/0 | 250 mm | 255 – 280 mm | 0.8 kg | 020191 |
| End cap, galvanised, no. 11 – 15/0 | 250 mm | 280 – 305 mm | 0.9 kg | 020192 |
| End cap, galvanised, no. 16 – 20 | 250 mm | 305 – 330 mm | 1.0 kg | 020193 |
| Shallow end cap, galvanised, construction height 120 – 150 | 250 mm | 120 – 150 mm | 0.5 kg | 030140 |
| Shallow end cap, galvanised, construction height 200 | 250 mm | 200 mm | 0.7 kg | 030141 |
| End cap with outlet DN 150, galvanised, no. 0/0 | 250 mm | 230 mm | 1.0 kg | 020145 |
| End cap with outlet DN 150, galvanised, no. 5/0 | 250 mm | 255 mm | 1.1 kg | 020146 |
| End cap with outlet DN 150, galvanised, no. 10/0 | 250 mm | 280 mm | 1.2 kg | 020147 |
| End cap with outlet DN 150, galvanised, no. 15/0 | 250 mm | 305 mm | 1.3 kg | 020148 |
| End cap with outlet DN 150, galvanised, no. 20/0 | 250 mm | 330 mm | 1.4 kg | 020149 |

In-line outfall unit | 1-piece

- + 1- or 2-sided channel connection
- + PP odour trap
- + PP silt bucket
- + 1 integrated socket for DN 150 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 | Weight | Load Class DIN EN 1433 | Article No. |
|-------------------|--------|------------------------|---------------------|----------|------------------------|-------------|
| No. 0/0 to no. 20 | 500 mm | 250/260 mm | 710 mm | 114.0 kg | A 15 – F 900 | 020135 |



Ductile iron slotted gratings

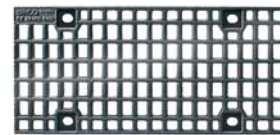
- + Black immersion-lacquered
- + Also available galvanised
- + 8 point per metre M12/A2 bolt connection
- + 8 point per metre Easylock-fastening (alternatively)



| Description | Length | Width | Height | Weight | Inlet opening | Inlet cross section | Load Class DIN EN 1433 | Article No. |
|-------------|--------|--------|--------|---------|---------------|------------------------|---------------------------|-------------|
| black | 500 mm | 237 mm | 30 mm | 9.1 kg | SW 150/12 mm | 644 cm ² /m | A 15 – C 250 | 020172/e |
| black | 500 mm | 237 mm | 30 mm | 10.7 kg | SW 150/12 mm | 644 cm ² /m | A 15 – E 600 | 020175/e |
| black | 500 mm | 237 mm | 30 mm | 12.4 kg | SW 150/12 mm | 644 cm ² /m | A 15 – F 900 | 020178 |

Mesh grating | ductile iron

- + 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 | 237 mm | 30 mm | 11.2 kg | MW 20/30 mm | 1110 cm ² /m | A 15 – E 600 | 020186/e |

Honeycomb grating | ductile iron

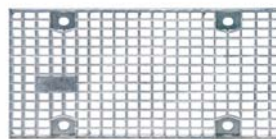
- + Black immersion-lacquered
- + Also available galvanised
- + 8 point per metre M12/A2 bolt connection
- + 8 point per metre Easylock-fastening (alternatively)



| Description | Length | Width | Height | Weight | Inlet opening | Inlet cross section | Load Class DIN EN 1433 | Article No. |
|-------------|--------|--------|--------|--------|---------------|-------------------------|---------------------------|-------------|
| black | 500 mm | 237 mm | 30 mm | 7.6 kg | MW 24/59 mm | 1396 cm ² /m | A 15 – E 600 | 020179/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 | 237 mm | 30 mm | 3.8 kg | MW 30/30 mm | 1285 cm ² /m | A 15 – C 250 | 020162/e |
| hot-dipped galvanised | 1000 mm | 237 mm | 30 mm | 7.1 kg | MW 30/30 mm | 1285 cm ² /m | A 15 – C 250 | 020152/e |
| hot-dipped galvanised | 500 mm | 237 mm | 30 mm | 4.4 kg | MW 30/15 mm | 1185 cm ² /m | A 15 – C 250 | 020163/e |
| hot-dipped galvanised | 1000 mm | 237 mm | 30 mm | 8.3 kg | MW 30/15 mm | 1185 cm ² /m | A 15 – C 250 | 020153/e |
| hot-dipped galvanised | 500 mm | 237 mm | 30 mm | 7.5 kg | MW 20/30 mm | 1088 cm ² /m | A 15 – E 600 | 020164/e |
| hot-dipped galvanised | 1000 mm | 237 mm | 30 mm | 14.5 kg | MW 20/30 mm | 1088 cm ² /m | A 15 – E 600 | 020154/e |
| hot-dipped galvanised | 500 mm | 237 mm | 30 mm | 8.4 kg | MW 20/12 mm | 888 cm ² /m | A 15 – E 600 | 020165/e |
| hot-dipped galvanised | 1000 mm | 237 mm | 30 mm | 16.5 kg | MW 20/12 mm | 888 cm ² /m | A 15 – E 600 | 020155/e |

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

