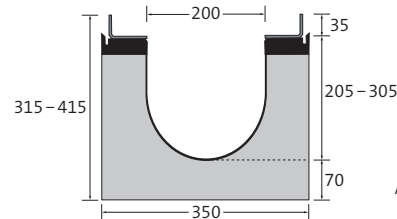


BIRCOdicht | NW 200

Highest level of resistance against highly aggressive agents

Channel elements | 0.5% internal inbuilt fall

- + Structural variations in accordance with customer wishes
- + PEHD lining, PEHD edge coated
- + Special widths, special lengths or PP lining possible upon request
- + Upon request, channels are also possible up to No. 29/30 and with special gradient



Description	Length	Width	Construction height at groove/tongue with angle	Weight	Load class DIN EN 1433	Article No. without angle
Channel No. 1/2	2000 mm	350 mm	315/325 mm	232.5 kg	A 15 – F 900	048285
Channel No. 3/4	2000 mm	350 mm	325/335 mm	239.8 kg	A 15 – F 900	048286
Channel No. 5/6	2000 mm	350 mm	335/345 mm	247.2 kg	A 15 – F 900	048287
Channel No. 7/8	2000 mm	350 mm	345/355 mm	254.5 kg	A 15 – F 900	048288
Channel No. 9/10	2000 mm	350 mm	355/365 mm	260.8 kg	A 15 – F 900	048289
Channel No. 11/12	2000 mm	350 mm	365/375 mm	268.5 kg	A 15 – F 900	048290
Channel No. 13/14	2000 mm	350 mm	375/385 mm	275.4 kg	A 15 – F 900	048291
Channel No. 15/16	2000 mm	350 mm	385/395 mm	281.7 kg	A 15 – F 900	048292
Channel No. 17/18	2000 mm	350 mm	395/405 mm	289.1 kg	A 15 – F 900	048293
Channel No. 19/20	2000 mm	350 mm	405/415 mm	296.4 kg	A 15 – F 900	048294

Channel elements | without internal inbuilt fall

- + Structural variations in accordance with customer wishes
- + PEHD lining, PEHD edge coated
- + Special widths, special lengths or PP lining possible upon request

Description	Length	Width	Construction height at groove/tongue with angle	Weight	Load class DIN EN 1433	Article No. without angle
Channel No. 0/0	2000 mm	350 mm	315/315 mm	233.2 kg	A 15 – F 900	048234
Channel No. 10/0	2000 mm	350 mm	365/365 mm	260.8 kg	A 15 – F 900	048236
Channel No. 20/0	2000 mm	350 mm	415/415 mm	289.4 kg	A 15 – F 900	048238

With PP linings, all accessory parts are also made of PP.
Angles and slats must be ordered separately.

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

Corner pieces 90° | without internal inbuilt fall

- + Structural variations in accordance with customer wishes
- + PEHD lining, PEHD edge coated
- + PP lining possible upon request
- + Construction height and shank length can be adapted to the conditions on-site
- + Intermediate height to No. 30/0 is possible



Description	Length	Width	Construction height with angle	Weight	Load class DIN EN 1433	Article No. without angle
Corner piece No. 0/0	835 mm	515 mm	315 mm	155.0 kg	A 15 – F 900	048250
Corner piece No. 10/0	835 mm	515 mm	365 mm	170.0 kg	A 15 – F 900	048251
Corner piece No. 20/0	835 mm	515 mm	415 mm	185.0 kg	A 15 – F 900	048252

T-pieces 90° | without internal inbuilt fall

- + Structural variations in accordance with customer wishes
- + PEHD lining, PEHD edge coated
- + PP lining possible upon request
- + Construction height and shank length can be adapted to the conditions on-site
- + Intermediate height to No. 30/0 is possible



Description	Length	Width	Construction height with angle	Weight	Load class DIN EN 1433	Article No. without angle
T-piece No. 0/0	1500 mm	850 mm	315 mm	235.0 kg	A 15 – F 900	048260
T-piece No. 10/0	1500 mm	850 mm	365 mm	266.0 kg	A 15 – F 900	048261
T-piece No. 20/0	1500 mm	850 mm	415 mm	297.0 kg	A 15 – F 900	048262

L-angles | removable

- + Thickness 4 mm
- + Assembled ex-factory
- + Can be combined with PEHD edges
- + Z angles, stainless steel slats, assembly section connections and rust-proofing upon request



Description	Length	Width	Height	Weight	Article No.
hot-dipped galvanised	980 mm	64 mm	39 mm	5.8 kg	048210
stainless steel (V2A)	980 mm	64 mm	39 mm	5.8 kg	048211

With PP linings, all accessory parts are also made of PP.
Angles and slats must be ordered separately.
Exception up to D 400: Not for use across the carriage- way of highways or motorways.

End caps and drainage sockets

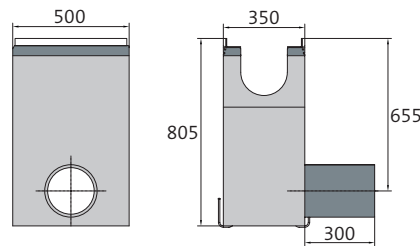
- + Welded ex-factory
- + Drainage sockets welded vertically or horizontally (ground level)



Description	Drain length	Width	For construction height	Weight	Article No.
End cap, PEHD, No. 0/0 – 10	-	350 mm	315 – 365 mm	2.5 kg	048240
End cap, PEHD, No. 11 – 20/0	-	350 mm	365 – 415 mm	3.3 kg	048241
End cap with outlet DA 225-SDR 17, PEHD, No. 0/0 – 10	300 mm	350 mm	315 – 365 mm	5.1 kg	048245
End cap with outlet DA 225-SDR 17, PEHD, No. 11 – 20/0	300 mm	350 mm	365 – 415 mm	5.8 kg	048246
Drainage socket DA 160-SDR 17, PEHD	300 mm	-	315 – 415 mm	3.3 kg	608151

In-line outfall unit | 1-piece

- + 1- or 2-sided channel connection
- + PEHD lining, PEHD edge coated
- + Pipe socket DA 225-SDR 17 (length 300 mm)
- + Different drains available according to the customer's wishes
- + Changes in the construction height and the drain direction and diameter are possible
- + Structural variations in accordance with customer wishes
- + With integrated PEHD silt bucket upon request
- + PP lining possible upon request



Assembly example

Description	Length	Width	Construction height with angle	Weight	Load class DIN EN 1433	Article No. without angle
In-line outfall unit	500 mm	350 mm	805 mm	154.0 kg	A 15 – F 900	049205

i BIRCOdicht | PEHD

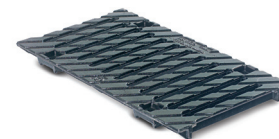
- + PEHD (Polyethylene High Density) is permanently resistant against numerous aggressive agents. In addition, PEHD's exceptional durability can compensate for changes in the ground such as settlement without leakages occurring in the channel line.

With PP linings, all accessory parts are also made of PP. Angles and slats must be ordered separately. Exception up to D 400: Not for use across the carriage- way of highways or motorways.



Slotted cast gratings

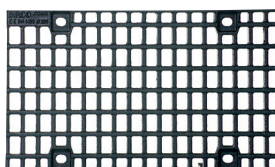
- + Black immersion-lacquered
- + 8 point per metre M12/A2 bolt connection
- + Including bolt connection nuts



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross section	Load class DIN EN 1433	Article No.
black	500 mm	317 mm	35 mm	17.1 kg	SW 200/18 mm	802 cm ² /m	A 15 – F 900	180278

Mesh gratings | cast

- + Black immersion-lacquered or galvanised
- + 8 point per metre M12/A2 bolt connection
- + Including bolt connection nuts



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross section	Load class DIN EN 1433	Article No.
black	500 mm	317 mm	35 mm	15.6 kg	MW 20/30 mm	1549 cm ² /m	A 15 – E 600	180286
galvanised	500 mm	317 mm	35 mm	15.6 kg	MW 20/30 mm	1549 cm ² /m	A 15 – E 600	180286v

With PP linings, all accessory parts are also made of PP.
 Angles and slats must be ordered separately.
 SW = slot width, MW = mesh width, article no. with v = galvanised
 Exception up to D 400: Not for use across the carriage- way of highways or motorways.