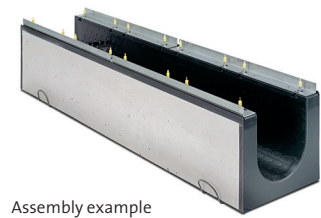
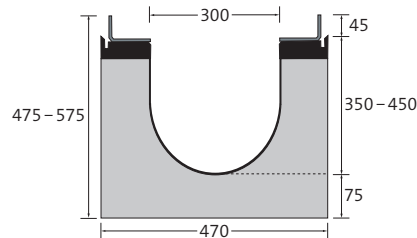


# BIRCOdicht | NW 300

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	470 mm	475/485 mm	381.2 kg	A 15 – F 900	048385
Channel No. 3/4	2000 mm	470 mm	485/495 mm	388.6 kg	A 15 – F 900	048386
Channel No. 5/6	2000 mm	470 mm	495/505 mm	397.0 kg	A 15 – F 900	048387
Channel No. 7/8	2000 mm	470 mm	505/515 mm	404.4 kg	A 15 – F 900	048388
Channel No. 9/10	2000 mm	470 mm	515/525 mm	412.7 kg	A 15 – F 900	048389
Channel No. 11/12	2000 mm	470 mm	525/535 mm	421.1 kg	A 15 – F 900	048390
Channel No. 13/14	2000 mm	470 mm	535/545 mm	428.5 kg	A 15 – F 900	048391
Channel No. 15/16	2000 mm	470 mm	545/555 mm	436.9 kg	A 15 – F 900	048392
Channel No. 17/18	2000 mm	470 mm	555/565 mm	444.3 kg	A 15 – F 900	048393
Channel No. 19/20	2000 mm	470 mm	565/575 mm	452.6 kg	A 15 – F 900	048394

## 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	470 mm	475/475 mm	380.9 kg	A 15 – F 900	048334
Channel No. 10/0	2000 mm	470 mm	525/525 mm	412.7 kg	A 15 – F 900	048336
Channel No. 20/0	2000 mm	470 mm	575/575 mm	444.6 kg	A 15 – F 900	048338

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	955 mm	515 mm	475 mm	195.0 kg	A 15 – F 900	048350
Corner piece No. 10/0	955 mm	515 mm	525 mm	219.0 kg	A 15 – F 900	048351
Corner piece No. 20/0	955 mm	515 mm	575 mm	243.0 kg	A 15 – F 900	048352

**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	970 mm	475 mm	375.0 kg	A 15 – F 900	048360
T-piece No. 10/0	1500 mm	970 mm	525 mm	410.0 kg	A 15 – F 900	048361
T-piece No. 20/0	1500 mm	970 mm	575 mm	445.0 kg	A 15 – F 900	048362

**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	73 mm	49 mm	6.8 kg	048310
stainless steel (V2A)	980 mm	73 mm	49 mm	6.8 kg	048311

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

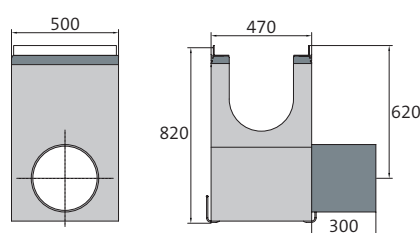
- + Welded ex-factory
- + Drainage sockets welded vertically or horizontally (ground level)



Description	Drain length	Width	For construction height	Weight	Article No.
End cap, PEHD, No. 0/0 – 10	–	470 mm	475 – 525 mm	2.5 kg	048340
End cap, PEHD, No. 11 – 20/0	–	470 mm	525 – 575 mm	3.3 kg	048341
End cap with outlet DA 315-SDR 17, PEHD, No. 0/0 – 10	300 mm	470 mm	475 – 525 mm	5.1 kg	048345
End cap with outlet DA 315-SDR 17, PEHD, No. 11 – 20/0	300 mm	470 mm	525 – 575 mm	5.8 kg	048346
Drainage socket DA 315-SDR 17, PEHD	300 mm	–	475 – 575 mm	3.3 kg	608250

### In-line outfall unit | 1-piece

- + 1- or 2-sided channel connection
- + PEHD lining, PEHD edge coated
- + Pipe socket DA 315-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	470 mm	820 mm	214.2 kg	A 15 – F 900	049305



### 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 | two-fold

- + 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	437 mm	45 mm	35.1 kg	SW 142/20 mm	1491 cm <sup>2</sup> /m	A 15 – F 900	180378

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.

