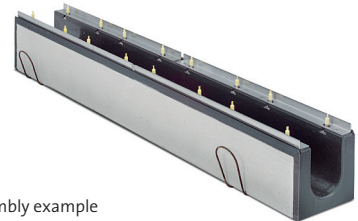
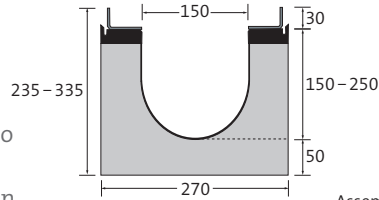


BIRCOdicht | NW 150

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
- + Assembly section connection on the side upon request



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	270 mm	235/245 mm	129.0 kg	A 15 – F 900	048185
Channel No. 3/4	2000 mm	270 mm	245/255 mm	132.6 kg	A 15 – F 900	048186
Channel No. 5/6	2000 mm	270 mm	255/265 mm	136.4 kg	A 15 – F 900	048187
Channel No. 7/8	2000 mm	270 mm	265/275 mm	140.1 kg	A 15 – F 900	048188
Channel No. 9/10	2000 mm	270 mm	275/285 mm	143.8 kg	A 15 – F 900	048189
Channel No. 11/12	2000 mm	270 mm	285/295 mm	147.6 kg	A 15 – F 900	048190
Channel No. 13/14	2000 mm	270 mm	295/305 mm	151.3 kg	A 15 – F 900	048191
Channel No. 15/16	2000 mm	270 mm	305/315 mm	155.0 kg	A 15 – F 900	048192
Channel No. 17/18	2000 mm	270 mm	315/325 mm	158.8 kg	A 15 – F 900	048193
Channel No. 19/20	2000 mm	270 mm	325/335 mm	162.5 kg	A 15 – F 900	048194

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	270 mm	235/235 mm	129.0 kg	A 15 – F 900	048134
Channel No. 10/0	2000 mm	270 mm	285/285 mm	144.0 kg	A 15 – F 900	048136
Channel No. 20/0	2000 mm	270 mm	335/335 mm	162.5 kg	A 15 – F 900	048138

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.



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	755 mm	515 mm	235 mm	92.0 kg	A 15 – F 900	048150
Corner piece No. 10/0	755 mm	515 mm	285 mm	103.0 kg	A 15 – F 900	048151
Corner piece No. 20/0	755 mm	515 mm	335 mm	114.0 kg	A 15 – F 900	048152

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	770 mm	235 mm	142.0 kg	A 15 – F 900	048160
T-piece No. 10/0	1500 mm	770 mm	285 mm	161.0 kg	A 15 – F 900	048161
T-piece No. 20/0	1500 mm	770 mm	335 mm	180.0 kg	A 15 – F 900	048162

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	48 mm	34 mm	4.5 kg	048110
stainless steel (V2A)	980 mm	48 mm	34 mm	4.5 kg	048111

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

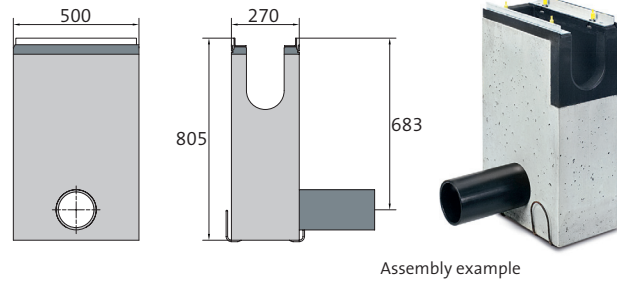
- + Welded ex-factory
- + Drainage sockets welded vertically or horizontally (ground level)



Description	Drain length	Width	For construction height	Weight	Article No.
End cap, PEHD, No. 0/0 – 10	-	270 mm	235 – 285 mm	1.4 kg	048140
End cap, PEHD, No. 11 – 20/0	-	270 mm	285 – 335 mm	2.0 kg	048141
End cap with outlet DA 160-SDR 17, PEHD, No. 0/0 – 10	300 mm	270 mm	235 – 285 mm	2.7 kg	048145
End cap with outlet DA 160-SDR 17, PEHD, No. 11 – 20/0	300 mm	270 mm	285 – 335 mm	3.3 kg	048146
Drainage socket DA 110-SDR 17, PEHD	300 mm	-	235 – 285 mm	1.2 kg	608150
Drainage socket DA 160-SDR 17, PEHD	300 mm	-	285 – 335 mm	3.3 kg	608151

In-line outfall unit | 1-piece

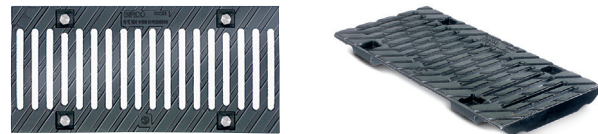
- + 1- or 2-sided channel connection
- + PEHD lining, PEHD edge coated
- + Pipe socket DA 160-SDR 17 (length 300 mm)
- + Different drains available according to the customer's wishes
- + Changes in the construction height and the drain direction and diameter are possible
- + Structural variations in accordance with customer wishes
- + With integrated PEHD silt bucket upon request
- + PP lining possible upon request



Description	Length	Width	Construction height with angle	Weight	Load class DIN EN 1433	Article No. without angle
In-line outfall unit	500 mm	270 mm	805 mm	111.0 kg	A 15 – F 900	049105

Slotted cast gratings

- + 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	237 mm	30 mm	8.6 kg	SW 150/12 mm	644 cm ² /m	A 15 – C 250	180172
black	500 mm	237 mm	30 mm	10.5 kg	SW 150/12 mm	644 cm ² /m	A 15 – E 600	180175
galvanised	500 mm	237 mm	30 mm	10.0 kg	SW 150/12 mm	644 cm ² /m	A 15 – E 600	180175v
black	500 mm	237 mm	30 mm	12.2 kg	SW 150/12 mm	644 cm ² /m	A 15 – F 900	180178

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

Mesh gratings | cast

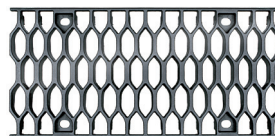
- + Black immersion-lacquered or galvanised
- + 8 point per metre M12/A2 bolt connection
- + Including bolt connection nuts



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross section	Load class DIN EN 1433	Article No.
black	500 mm	237 mm	30 mm	11.0 kg	MW 20/30 mm	1110 cm ² /m	A 15 – E 600	180186
galvanised	500 mm	237 mm	30 mm	11.0 kg	MW 20/30 mm	1110 cm ² /m	A 15 – E 600	180186v

Honeycomb gratings | cast

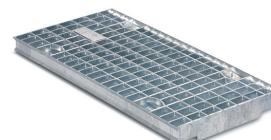
- + Black immersion-lacquered or galvanised
- + 8 point per metre M12/A2 bolt connection
- + Including bolt connection nuts



Description	Length	Width	Height	Weight	Inlet opening	Inlet cross section	Load class DIN EN 1433	Article No.
black	500 mm	237 mm	30 mm	7.6 kg	MW 24/59 mm	1396 cm ² /m	A 15 – E 600	180179
galvanised	500 mm	237 mm	30 mm	7.6 kg	MW 24/59 mm	1396 cm ² /m	A 15 – E 600	180179v

Mesh gratings

- + Hot-dipped galvanised
- + Including 4-point M12/A2 per grating bolt connection
- + Including bolt connection nuts
- + On request also available in stainless steel



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	3.6 kg	MW 30/30 mm	1285 cm ² /m	A 15 – C 250	180162
hot-dipped galvanised	1000 mm	237 mm	30 mm	7.0 kg	MW 30/30 mm	1285 cm ² /m	A 15 – C 250	180152
hot-dipped galvanised	500 mm	237 mm	30 mm	4.2 kg	MW 30/15 mm	1185 cm ² /m	A 15 – C 250	180163
hot-dipped galvanised	1000 mm	237 mm	30 mm	8.1 kg	MW 30/15 mm	1185 cm ² /m	A 15 – C 250	180153
hot-dipped galvanised	500 mm	237 mm	30 mm	7.4 kg	MW 20/30 mm	1088 cm ² /m	A 15 – E 600	180164
hot-dipped galvanised	1000 mm	237 mm	30 mm	14.5 kg	MW 20/30 mm	1088 cm ² /m	A 15 – E 600	180154

With PP linings, all accessory parts are also made of PP.

Angles and slats must be ordered separately.

MW = mesh width, article no. with v = galvanised

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

