

HYDROTEC

DRAINAGE CHANNELS

SYSTEM MAXI

the all-rounder in drainage



SYSTEM MAXI

Product benefits

The all-rounder in drainage

The drainage channel MAXI is versatile for drainage with lower requirements up to higher demands in heavy load areas. Perfect for industrial areas, airport surfaces, road surfaces, parking areas, walkways and cycling paths.



Longitudinal restraints

With 8 safety points per meter, braking forces are effectively absorbed and discharged.



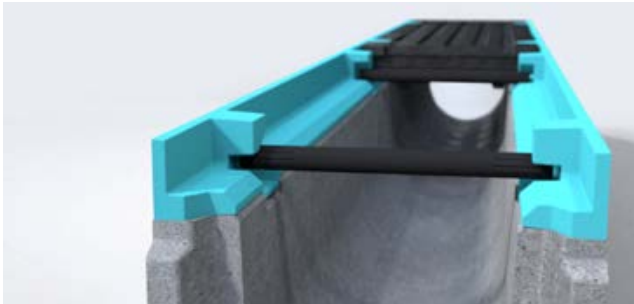
Boltless locking system

Easy opening and closing with the installation bar.



SYSTEM MAXI

Product benefits



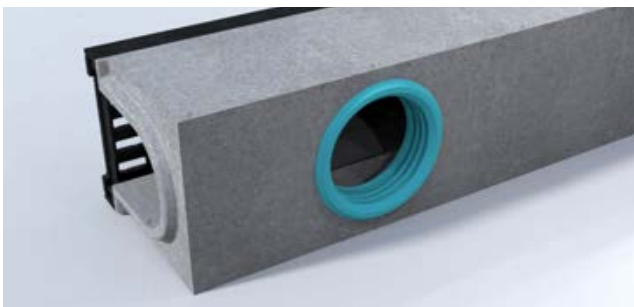
Ductile iron edge protection

The 5 mm powerful ductile iron edge protection provides the highest stability in all load classes.



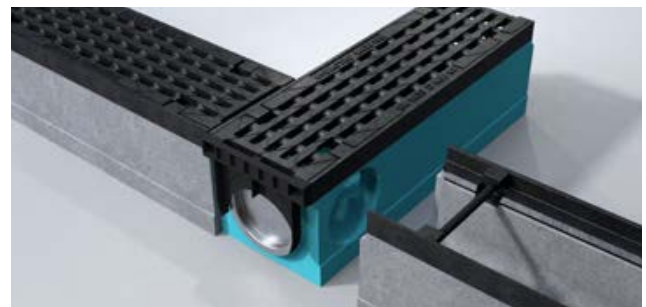
High load capacity

System for using in extreme demands and different aspects of safety (class F 900).



Vertical outlet

Liquid-tight connection for ground pipes.



Special element

Can be used as corner or T-element.

SYSTEM MAXI

Installation areas



SYSTEM MAXI

Installation areas



petrol stations



sports fields

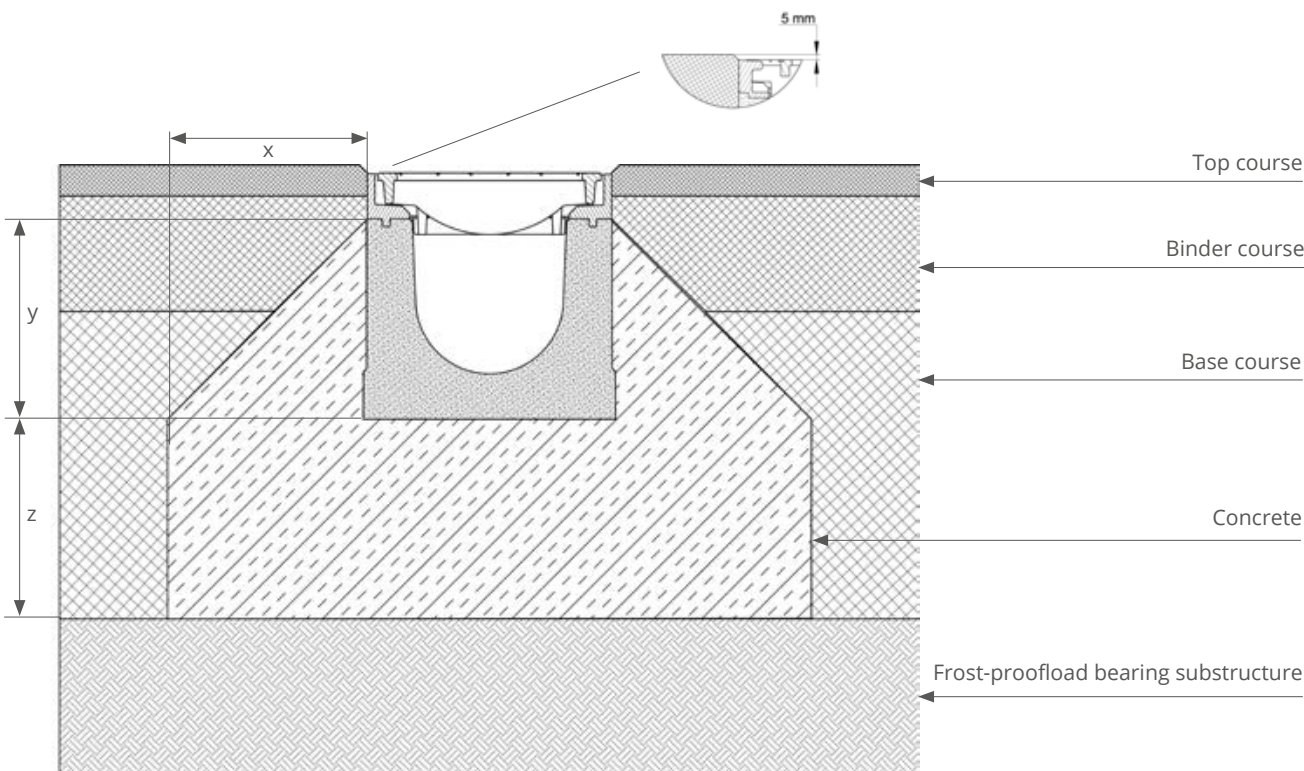


parking areas

SYSTEM MAXI

Installation instruction

ASPHALT



The edge protector in the drainage channel must be permanently seated approx. 5 mm lower than the adjoining surface.

x y z (according to calculation)

C 250	15 cm concrete C25/30
D 400	20 cm concrete C25/30
E 600 / F 900	25 cm concrete C25/30

General notes

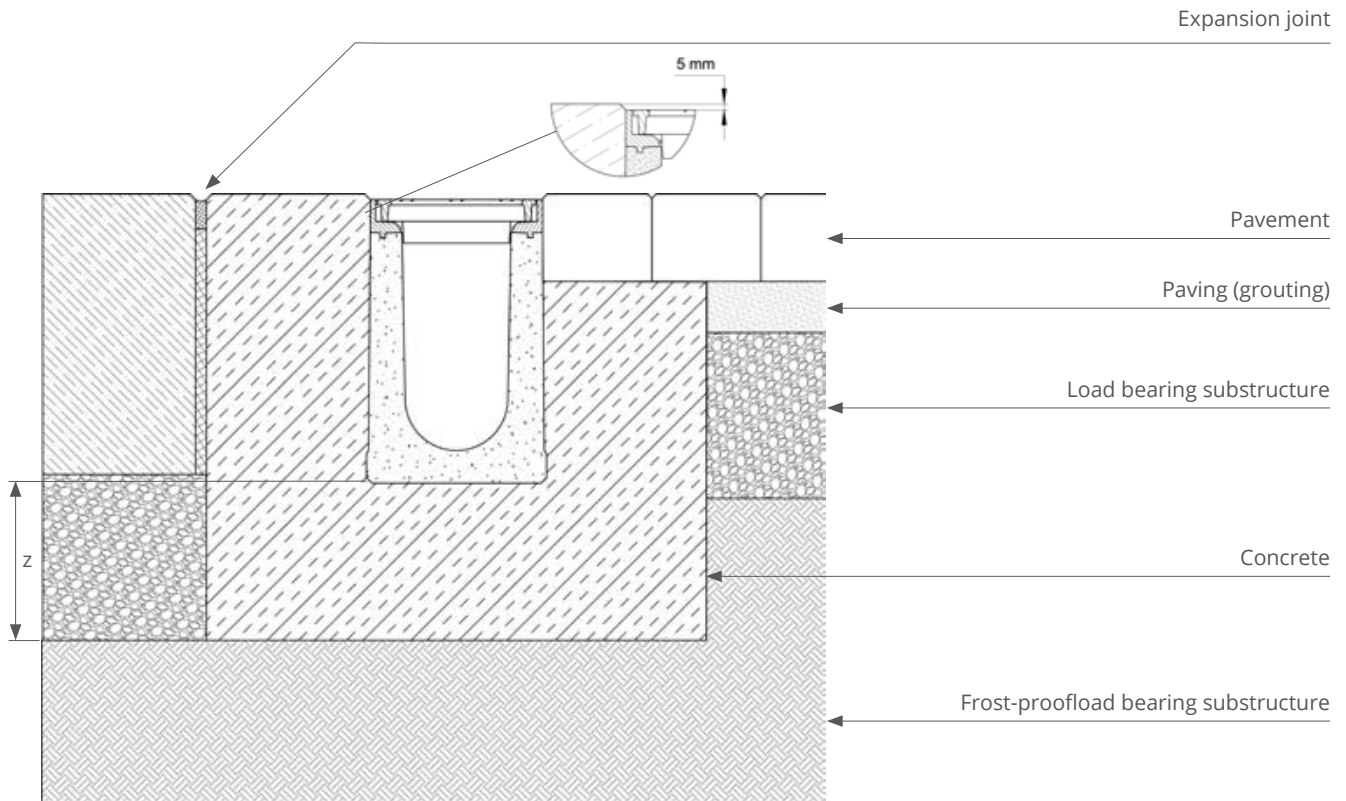
The installation instructions are only provided as a recommendation. The construction companies charged with installation can naturally incorporate any of their own improvements. The construction company is responsible for the correct installation of the drainage channels.

All installed parts must be examined before installation to ensure that they are undamaged. For reasons of liability never install damaged parts and contact the supplier immediately to submit a claim.

SYSTEM MAXI

Installation instruction

ROADWAY CONCRETE / PAVEMENT



The edge protector in the drainage channel must be permanently seated approx. 5 mm lower than the adjoining surface.

The paving must be installed in such a way that dynamic shearing forces do not affect the channel sides. This is achieved by a non-positive bond of the paving.

z (according to calculation)

A 15	10 cm concrete C25/30
B 125 / C 250	15 cm concrete C25/30
D 400	20 cm concrete C25/30
E 600 / F 900	25 cm concrete C25/30

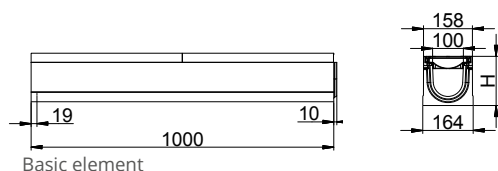
General notes

The installation instructions are only provided as a recommendation. The construction companies charged with installation can naturally incorporate any of their own improvements. The construction company is responsible for the correct installation of the drainage channels.

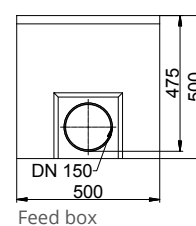
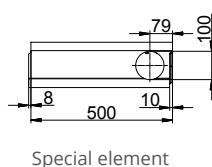
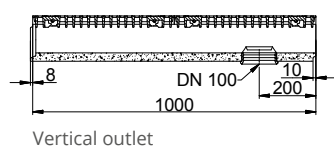
All installed parts must be examined before installation to ensure that they are undamaged. For reasons of liability never install damaged parts and contact the supplier immediately to submit a claim.

SYSTEM MAXI 100

Class C 250, with iron slotted grating



Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm ² /m	kg	Pallet
Basic element	61131000 0080	C 250	14	80	1000	554	25,4	24
	61131000 0110			110			35,4	
	61131 000			160			46,6	
	61131 050			185			49,2	
	61131 100			210			52,9	
	61131 150			235			54,2	
	61131 200			260			55,5	
Vertical outlet*	6113100 70080	C 250	14	80	1000	554	24,4	24
	6113100 70110			110			34,4	
	61131 0007			160			45,9	
	61131 0507			185			48,5	
	61131 1007			210			52,2	
	61131 1507			235			53,6	
	61131 2007			260			54,8	
Special element	61131 006	C 250	14	160	500	554	22,0	-
	61131 056			185			23,6	
	61131 106			210			26,0	
	61131 156			235			26,1	
	61131 206			260			26,8	
Feed box**	61131 008	C 250	14	500	500	554	51,0	10



*with integrated sealing ring Ø100

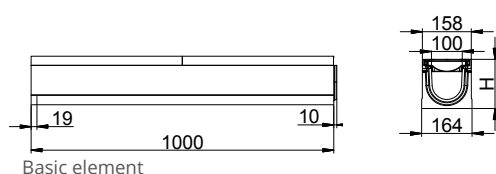
Basic elements also available in length 500 mm.

**with integrated sealing ring Ø150 and dirt catcher

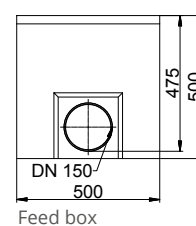
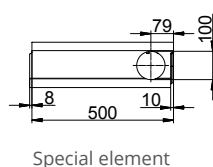
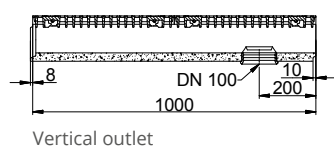
Basic elements also available with slope 0,5%.

SYSTEM MAXI 100

Class C 250, with iron slotted grating



Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm ² /m	kg	Pallet
Basic element	61133000 0080	C 250	6	80	1000	350	35,9	24
	61133000 0110			110			40,5	
	61133 000			160			48,4	
	61133 050			185			51,0	
	61133 100			210			54,7	
	61133 150			235			56,2	
	61133 200			260			60,0	
Vertical outlet*	6113300 70080	C 250	6	80	1000	350	34,9	24
	6113300 70110			110			39,5	
	61133 0007			160			47,4	
	61133 0507			185			50,0	
	61133 1007			210			53,7	
	61133 1507			235			55,2	
	61133 2007			260			59,0	
Special element	61133 006	C 250	6	160	500	350	23,0	-
	61133 056			185			24,5	
	61133 106			210			26,4	
	61133 156			235			27,0	
	61133 206			260			29,0	
Feed box**	61133 008	C 250	6	500	500	350	51,9	10



*with integrated sealing ring Ø100

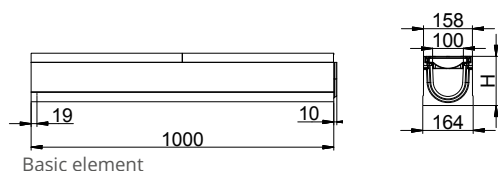
Basic elements also available in length 500 mm.

**with integrated sealing ring Ø150 and dirt catcher

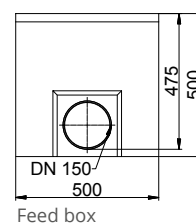
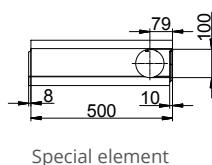
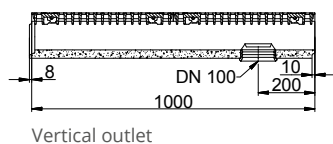
Basic elements also available with slope 0,5%.

SYSTEM MAXI 100

Class D 400, with iron slotted grating, Slot width 26/12 mm



Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm ² /m	kg	Pallet
Basic element	611400000080	D 400	26/12	80	1000	512	35,1	24
	611400000110			110			38,1	
	611400000			160			48,3	
	611400050			185			50,5	
	61140100			210			54,6	
	61140150			235			59,0	
	61140200			260			63,0	
Vertical outlet*	611400070080	D 400	26/12	80	1000	512	34,1	24
	611400070110			110			37,1	
	611400007			160			47,3	
	6114000507			185			49,5	
	611401007			210			53,6	
	611401507			235			58,0	
	611402007			260			62,0	
Special element	61140006	D 400	26/12	160	500	512	23,6	-
	611400056			185			25,0	
	61140106			210			26,3	
	61140156			235			28,5	
	61140206			260			30,5	
Feed box**	61140008	D 400	26/12	500	500	512	52,0	10



*with integrated sealing ring Ø100

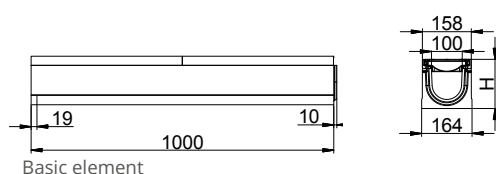
Basic elements also available in length 500 mm.

**with integrated sealing ring Ø150 and dirt catcher

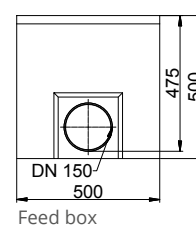
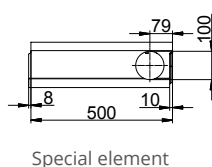
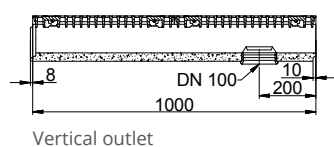
Basic elements also available with slope 0,5%.

SYSTEM MAXI 100

Class E 600, with iron slotted grating



Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm ² /m	kg	Pallet
Basic element	6215000 00080	E 600	30/28	80	1000	350	32,5	24
	6215000 00110			110			36,3	
	62150 0000			160			48,0	
	62150 0050			185			50,2	
	62150 1000			210			54,7	
	62150 1500			235			60,0	
	62150 2000			260			64,5	
Vertical outlet*	6215000 70080	E 600	30/28	80	1000	350	31,5	24
	6215000 70110			110			35,3	
	62150 00007			160			47,0	
	62150 00507			185			49,2	
	62150 10007			210			53,7	
	62150 15007			235			59,0	
	62150 20007			260			63,5	
Special element	62150 0006	E 600	30/28	160	500	350	23,0	-
	62150 0056			185			24,8	
	62150 1006			210			26,4	
	62150 1506			235			29,0	
	62150 2006			260			31,0	
Feed box**	62150 0008	E 600	30/28	500	500	350	50,5	10



*with integrated sealing ring Ø100

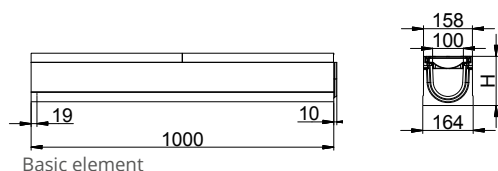
Basic elements also available in length 500 mm.

**with integrated sealing ring Ø150 and dirt catcher

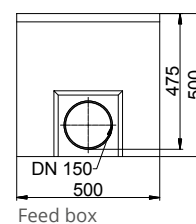
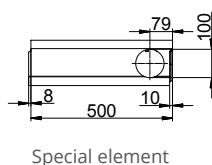
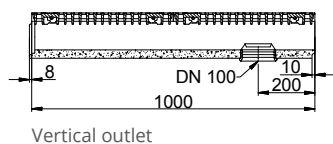
Basic elements also available with slope 0,5%.

SYSTEM MAXI 100

Class F 900, with iron slotted grating



Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm ² /m	kg	Pallet
Basic element	6116000 00080	F 900	26/12	80	1000	512	38,3	24
	6116000 00110			110			44,5	
	61160 0000			160			51,0	
	61160 0050			185			54,7	
	61160 1000			210			58,6	
	61160 1500			235			62,5	
	61160 2000			260			65,0	
Vertical outlet*	6116000 70080	F 900	26/12	80	1000	512	37,3	24
	6116000 70110			110			43,5	
	61160 00007			160			50,0	
	61160 00507			185			53,7	
	61160 10007			210			57,6	
	61160 15007			235			61,5	
	61160 20007			260			65,0	
Special element	61160 0006	F 900	26/12	160	500	512	24,5	-
	61160 0056			185			26,4	
	61160 1006			210			28,3	
	61160 1506			235			30,3	
	61160 2006			260			32,5	
Feed box**	61160 0008	F 900	26/12	500	500	512	50,5	10



*with integrated sealing ring Ø100

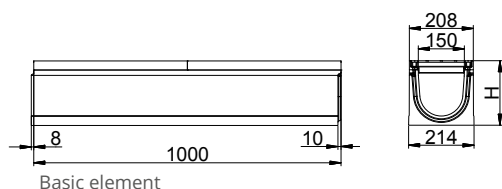
Basic elements also available in length 500 mm.

**with integrated sealing ring Ø150 and dirt catcher

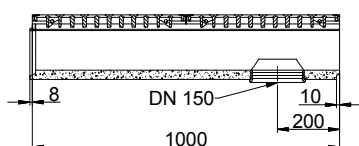
Basic elements also available with slope 0,5%.

SYSTEM MAXI 150

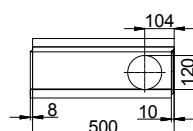
Class A 15, with grating made of polyimides



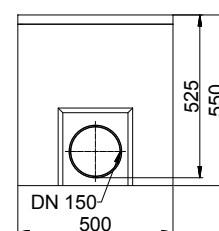
Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm²/m	kg	Pallet			
Basic element	61510 000	A 15	24/12	210	1000	860	59,3	20			
	61510 050			260			69,0				
	61510 100			310			75,0	15			
	61510 005			210	500		27,8	40			
	61510 055			260			31,5				
	61510 105			310			34,2				
Vertical outlet*	61510 0007	A 15	24/12	210	1000	860	60,9	20			
	61510 0507			260			68,3				
	61510 1007			310			73,7	15			
Special element	61510 006			A 15	24/12		210	500	860	26,8	-
	61510 056						260			29,5	
	61510 106						310			32,9	
Feed box**	61510 008	A 15	24/12			550	500	860		59,7	8



Vertical outlet



Special element



Feed box

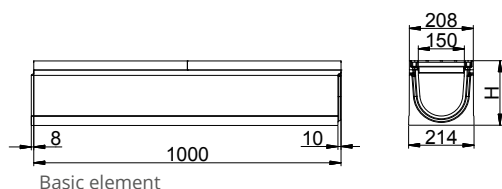
*with integrated sealing ring Ø150

**with integrated sealing ring Ø150 and dirt catcher

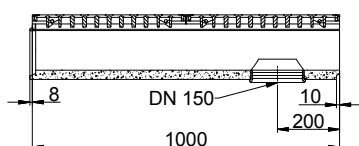
Basic elements also available with slope 1%.

SYSTEM MAXI 150

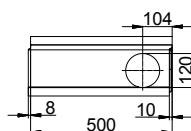
Class D 400, with iron slotted grating



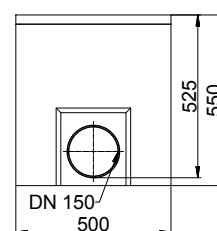
Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm²/m	kg	Pallet			
Basic element	61540 000	D 400	24/12	210	1000	736	68,2	20			
	61540 050			260			75,6				
	61540 100			310			81,0	15			
	61540 005			210	500		34,1	40			
	61540 055			260			37,8				
	61540 105			310			40,5				
Vertical outlet*	61540 0007	D 400	24/12	210	1000	736	67,2	20			
	61540 0507			260			74,6				
	61540 1007			310			80,0	15			
Special element	61540 006			D 400	24/12		210	500	736	33,1	-
	61540 056						260			36,8	
	61540 106						310			39,5	
Feed box**	61540 008						D 400	24/12		550	500



Vertical outlet



Special element



Feed box

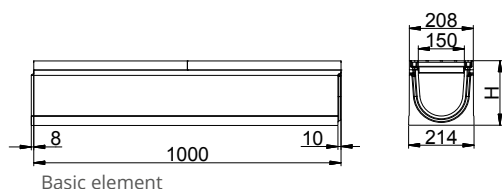
*with integrated sealing ring Ø150

**with integrated sealing ring Ø150 and dirt catcher

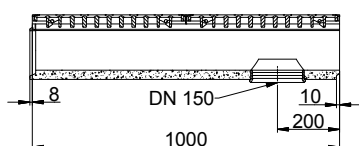
Basic elements also available with slope 1%.

SYSTEM MAXI 150

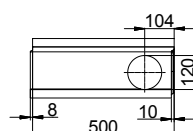
Class E 600, with iron slotted grating



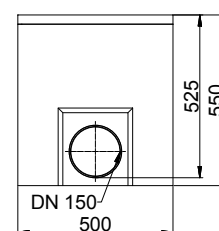
Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm²/m	kg	Pallet	
Basic element	62550 000	E 600	30/23	210	1000	860	68,8	20	
	62550 050			260			76,2		
	62550 100			310			81,6	15	
	62550 005			210	500		34,4	40	
	62550 055			260			38,1		
	62550 105			310			40,8		
	Vertical outlet*			62550 0007	210		1000	67,8	20
				62550 0507	260			75,2	
				62550 1007	310			80,6	15
Special element	62550 006	210	500	33,4	-				
	62550 056	260		37,1					
	62550 106	310		39,8					
Feed box**	62550 008			550	500		66,5	8	



Vertical outlet



Special element



Feed box

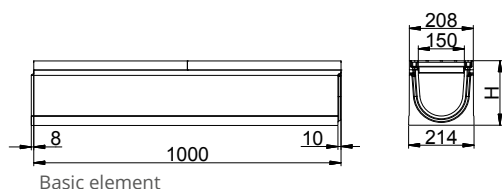
*with integrated sealing ring Ø150

**with integrated sealing ring Ø150 and dirt catcher

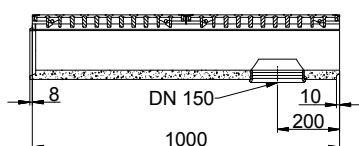
Basic elements also available with slope 1%.

SYSTEM MAXI 150

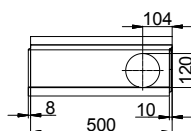
Class F 900, with iron slotted grating



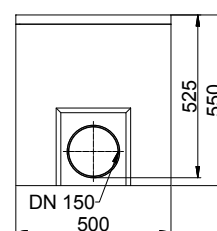
Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm²/m	kg	Pallet			
Basic element	61560 000	F 900	24/12	210	1000	736	79,0	20			
	61560 050			260			87,6				
	61560 100			310			92,0	15			
	61560 005			210	500		39,5	40			
	61560 055			260			43,8				
	61560 105			310			46,0				
Vertical outlet*	61560 0007	F 900	24/12	210	1000	736	78,0	20			
	61560 0507			260			86,6				
	61560 1007			310			91,0	15			
Special element	61560 006			F 900	24/12		210	500	736	38,5	-
	61560 056						260			42,8	
	61560 106						310			45,0	
Feed box**	61560 008	F 900	24/12			550	500	736		71,0	8



Vertical outlet



Special element



Feed box

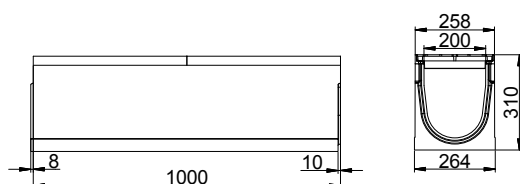
*with integrated sealing ring Ø150

Basic elements also available with slope 1%.

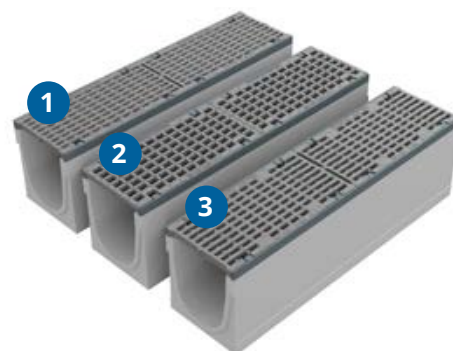
**with integrated sealing ring Ø150 and dirt catcher

SYSTEM MAXI 200

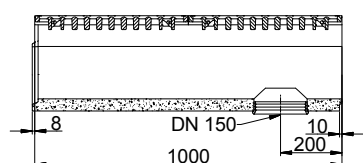
Class D 400 - F 900, with iron slotted grating



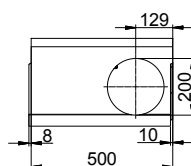
Basic element



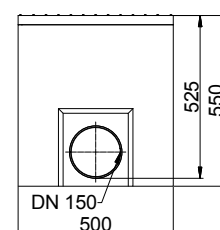
Type	Art. No.	Class	Slot width mm	Height mm	Length mm	Inlet area cm ² /m	kg	Pallet
1	Basic element	D 400	22/12	310	1000	970	104,0	12
					500		52,0	24
	Vertical outlet*				1000		103,0	12
	Special element				500		51,0	-
	Feed box**			550	500		71,0	6
2	Basic element	E 600	30/20	310	1000	1.040	100,0	12
					500		50,0	24
	Vertical outlet*				1000		99,0	12
	Special element				500		49,0	-
	Feed box**			550	500		68,5	6
3	Basic element	F 900	22/12	310	1000	970	110,0	12
					500		55,0	24
	Vertical outlet*				1000		109,0	12
	Special element				500		54,0	-
	Feed box**			550	500		72,0	6



Vertical outlet



Special element



Feed box

*with integrated sealing ring Ø150

**with integrated sealing ring Ø150 and dirt catcher

SYSTEM MAXI

Accessories

Type	Art. No.	Height mm	
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MAXI 100

End piece PP	7001 130	160
End piece cast iron	7001 111	160
End piece closed, 2 parts	7001 110	185 - 260
End piece with pipe joint DN 100, 2 parts	7001 120	160 - 260
End piece iron	7001 112	185 - 260



End piece closed



End piece with pipe joint

End piece low profile PP	7001110 080	80
End piece low profile PP	7001110 110	110



End piece low profile

MAXI 150 / 200

End piece PP (MAXI 150)	7001 151	
End piece iron (MAXI 150)	7001 152	
End piece PP (MAXI 200)	7001 200	
End piece iron (MAXI 200)	7001 250	
End piece iron - Pipe connection DN 100 (MAXI 150)	7001 1580	210
End piece iron - Pipe connection DN 100 (MAXI 150)	7001 1585	260
End piece iron - Pipe connection DN 100 (MAXI 150)	7001 1590	310
End piece iron - Pipe connection DN 150 (MAXI 200)	7001 280	



End piece PP
MAXI 150



End piece iron
MAXI 150



End piece PE
MAXI 200



End piece iron
MAXI 200



End piece iron
with pipe connection

SYSTEM MAXI

Accessories

Type	Art. No.		
Installation bar	7009 900		
Installation bar (MAXI mesh grating)	7009 903		
Cleaning shovel	7009 950		
PVC DN 100	7002 100		
PVC DN 150	7002 150		
PVC DN 200	7002 200		
Foul air stop DN 100	7003 100		
Foul air stop DN 150	7003 150		
KG 2000 DN 110 / Pipe connection DN 100	7002 251		
KG 2000 DN 160 / Pipe connection DN 150	7002 252		
KG 2000 DN 200 / Pipe connection DN 200	7002 253		
		KG 2000	



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