



Mufledrain Wing G  
Drainage channel



# Mufledrain Wing G: the ductile iron rail to challenge time

**Mufledrain Wing G**, a full product range of channels designed and produced by Mufle, dedicated to industrial areas, that, every day, are experienced by men and heavy vehicles intent on carrying out their fully productive activities.

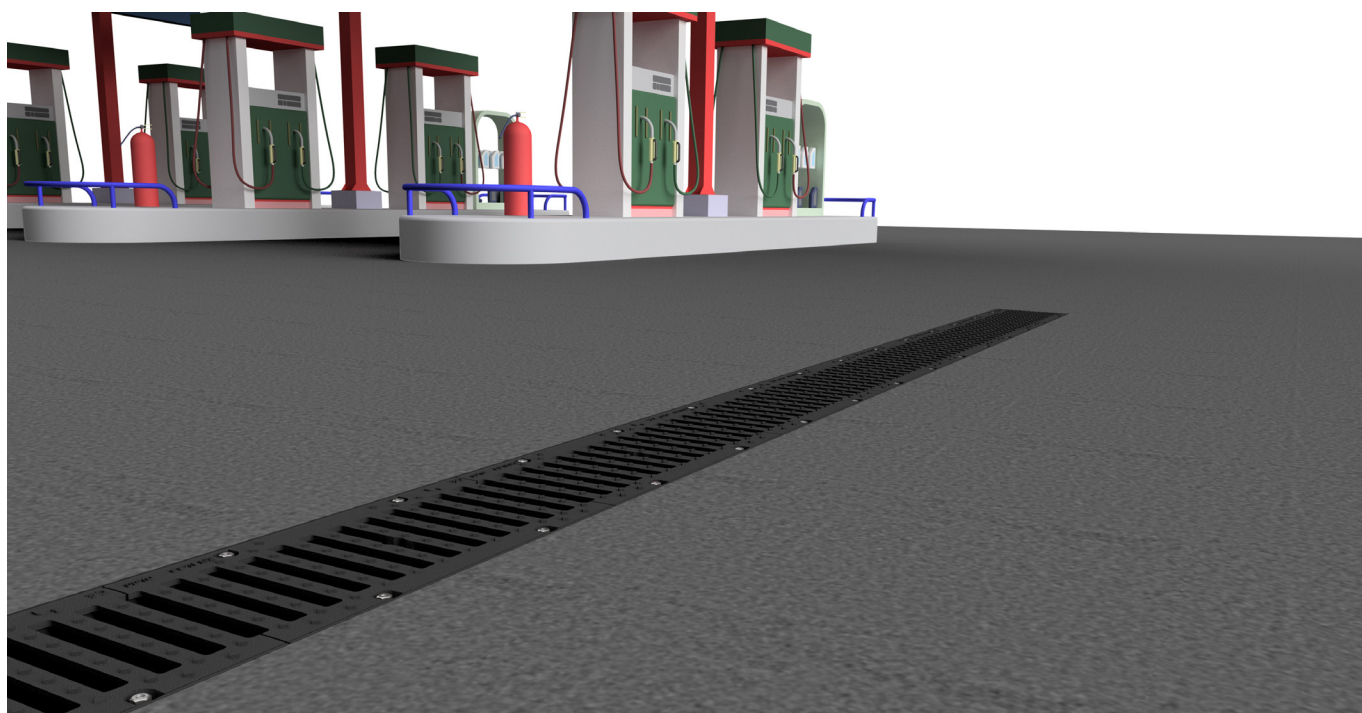
The channel body is completely made of HD-PE and the ductile iron rail is firmly integrated.

The ductile iron rail GJS 500/7 makes the **Mufledrain Wing G** unique; in addition to being extremely strong due to its generous thickness (6 mm) in the areas subject to vehicular traffic and in the support area of the grating, it is capable of challenging time with its intrinsic qualities of resistance both to traffic and atmospheric severe conditions.

The complete system is suitable and certified up to load class F 900. Gratings are stable in place thanks to 4 M8 nuts every 50 cm.

## Typical applications

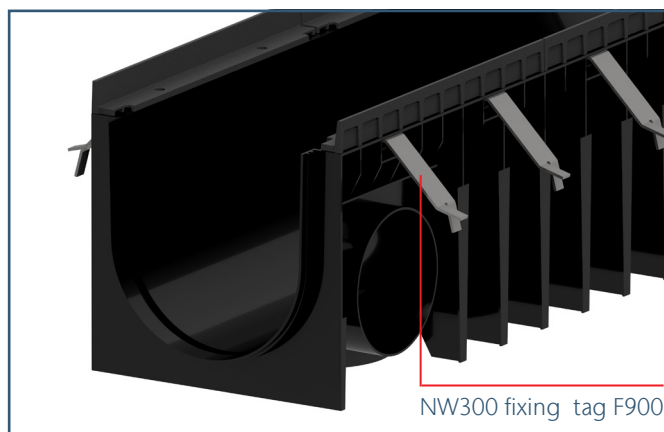
- Areas subject to loading/unloading of goods; container handling with transit of forklifts and truck
- Parking areas with high and constant traffic
- Roads and highways
- Viaducts
- Petrol stations
- Industrial areas
- Port and airport areas



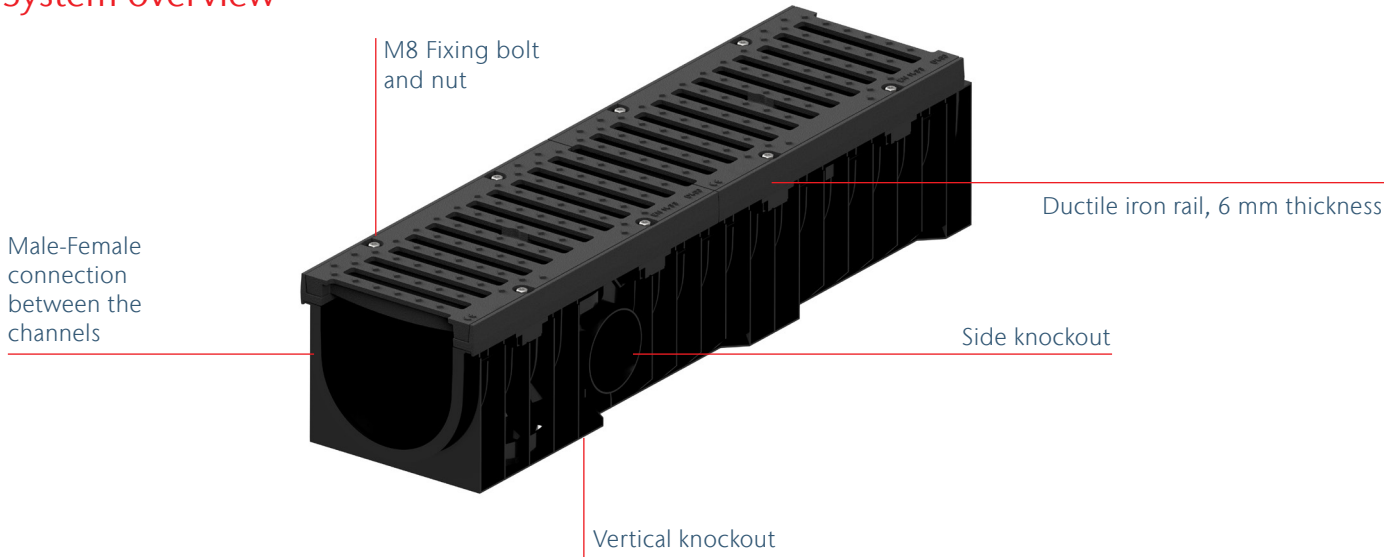
## Main Features

- HD-PE channel body certified for load class D400-F900 according to EN1433:2008
- Ductile iron rail
- 4 different nominal widths available: 100, 150, 200, 300 mm
- With vertical and lateral knockouts
- Sump unit with foul air trap\*
- 4 bolts and nuts fixing system for each grating
- Special pieces for corners, "T" couplings and cross couplings are available on request

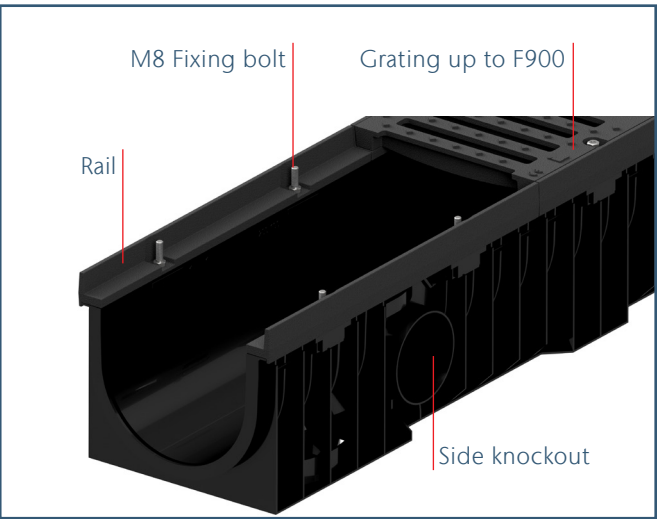
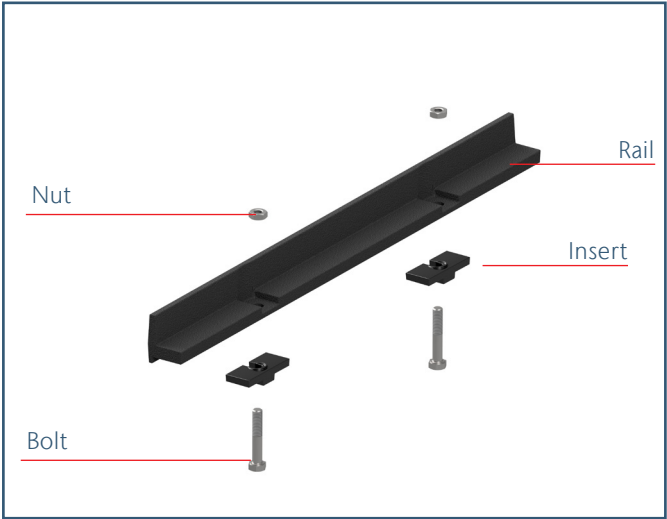
\*Not available for Mufledrain Wing G 200 H=250 mm and Mufledrain Wing G 300 H=300



System overview



Rail detail for channel internal width 100-150-200\*

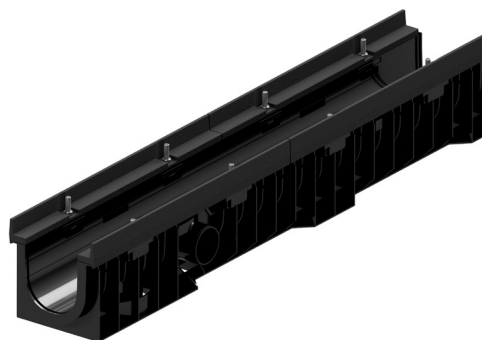


\*For channel internal width 300, the insert is metallic.

# Mufledrain Wing G 100

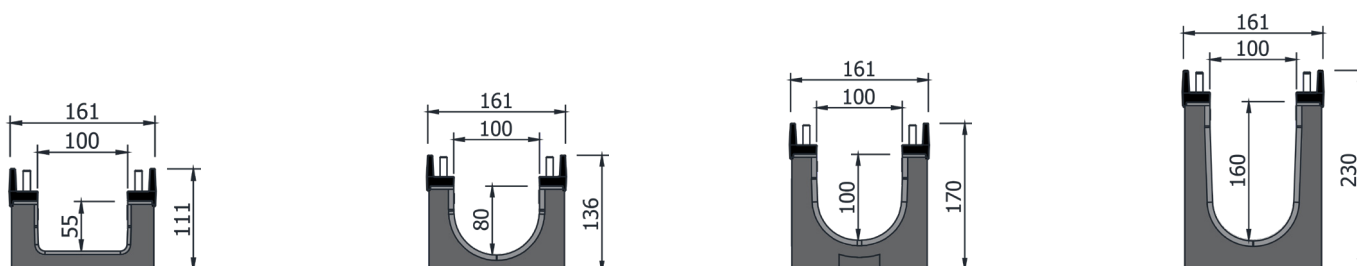
## Product Information

- HD-PE drainage channel, internal width: 100 mm
- Ductile iron rail
- Load class D400, F900 according to EN 1433
- Sump unit with foul air trap
- Side and vertical knockouts
- Vertical outlet kit Ø100 and Ø110 mm for channel H55 and H80 mm; knockout on all other sizes
- M8 bolt fixing system for gratings
- Special parts for corners, T-couplings and cross-couplings are available on request






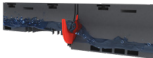

## Mufledrain Wing G channel with ductile iron rail

**Length 1000 mm, total width 161 mm**

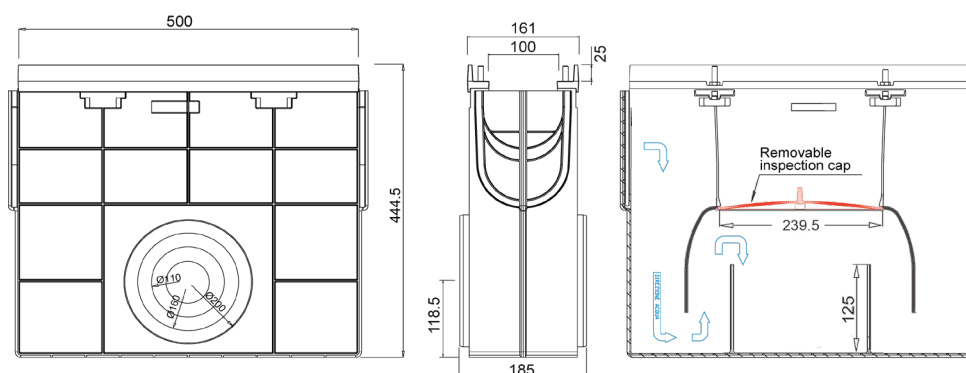


Total height	Internal height	Ø side outlet	Ø vertical outlet	Weight	Pieces/pallet (100X120)	Ductile iron
[mm]	[mm]	[mm]	[mm]	[kg/pc]		Article number
<b>Channel with vertical outlet kit Ø100/110</b>						
111	55	2 x Ø40	1 x Ø100/110	7,80	84	703024
136	80	2 x Ø63	1 x Ø100/110	8,00	70	703025
<b>Channel with vertical outlet Ø110</b>						
170	100	2 x Ø63	1 x Ø110	8,30	56	703026
230	160	2 x Ø110	1 x Ø110	8,80	42	703027

## Mufledrain Wing G 100 channel accessories

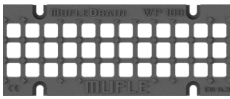


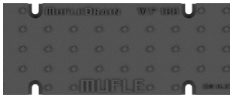

Image	Description	For channel internal height [mm]	Material	Article number
	Closed end-cap	55	PE	700508
		80	PE	700509
		100	PE	700510
		160	PE	700511
	Ø40 outlet end-cap	55	PE	700500
	Ø50 outlet end-cap	80	PE	700521
	Ø75 outlet end-cap	100	PE	700522
		160	PE	700523
	Vertical outlet KIT Ø100	55/80	PE	506114
	Vertical outlet KIT Ø110	55/80	PE	506115
	Step connectors from 100 mm to 160 mm	-	Composit	700516
	Bituminous sealant	-	-	500345

## Mufledrain Wing G 100 sump unit with ductile iron rail



Description	Material	Height [mm]	Width [mm]	Length [mm]	Ø Side Outlet [mm]	Weight [kg/pc]	Ductile Iron Article number
Sump unit with female-female connection	PE	444,5	161	500	2 x Ø110 2 x Ø160 2 x Ø200	8,90	703050

## Mufledrain Wing G 100 channel gratings

Image	Description	Fixing system	Width [mm]	Length [mm]	Slot/mesh [mm]	Weight [kg/pc]	Article number
<b>D 400</b>							
	Ductile iron square mesh	M8 nuts (not included)	148	498	22,5 x 22,5	4,80	503182
	Ductile iron slot 20	M8 nuts (not included)	148	498	82 x 20	4,75	503109
<b>E 600</b>							
	Ductile iron slot 20	M8 nuts (not included)	148	498	82 x 20	5,10	503110
	Ductile iron solid top cover	M8 nuts (not included)	148	498	-	6,00	503105
<b>F 900</b>							
	Ductile iron slot 20	M8 nuts (not included)	148	498	82 x 20	6,30	503173

## Mufledrain Wing G 100 grating accessories

Description	Material	Valid for	Article number
M8 nuts	Galvanized steel	Mufledrain Wing G 100 ductile iron gratings	503312 <sup>(1)</sup>

<sup>(1)</sup>Valid for 1 meter of channel

# Mufledrain Wing G 150

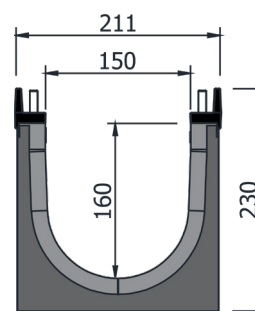
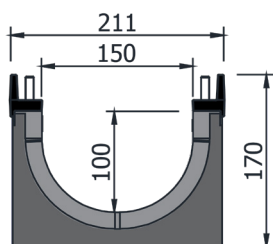
## Product Information

- HD-PE drainage channel, internal width: 150 mm
- Ductile iron rail
- Load class D400, F900 according to EN 1433
- Sump unit with foul air trap
- Side and vertical knockouts
- M8 bolt fixing system for gratings
- Special parts for corners, T-couplings and cross-couplings are available on request





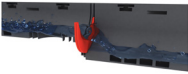

## Mufledrain Wing G 150 channel with ductile iron rail

Length 1000 mm, total width 211 mm


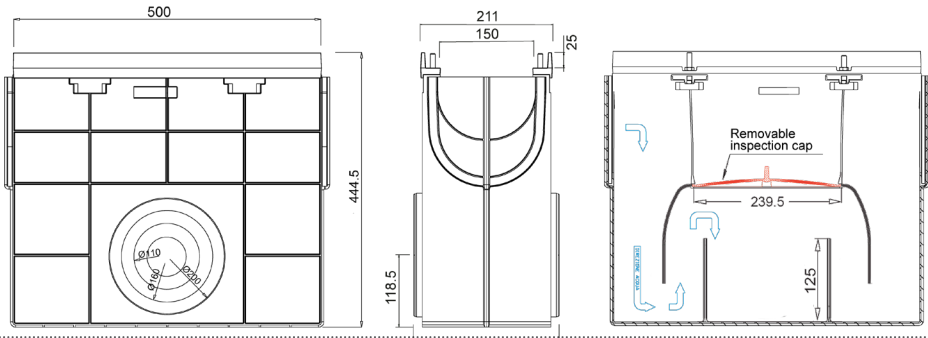


Total height	Internal height	Ø side outlet	Ø vertical outlet	Weight	Pieces/pallet (100X120)	Ductile iron
[mm]	[mm]	[mm]	[mm]	[kg/pc]		Article number
<b>Channel with vertical outlet Ø110/160</b>						
170	100	2 x Ø63	1 x Ø110/160	8,70	40	703028
230	160	2 x Ø100	1 x Ø110/160	9,25	30	703029

## Mufledrain Wing G 150 channel accessories

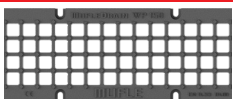


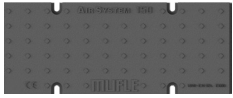

Image	Description	For channel internal height [mm]	Material	Article number
	Closed end-cap	100	PE	700512
		160	PE	700513
	Ø75 outlet end-cap	100	PE	700524
	Ø110 outlet end-cap	160	PE	700505
	Step connectors from 100 mm a 160 mm	-	Composit	700517
	Bituminous sealant	-	-	500345

## Mufledrain Wing G 150 sump unit with ductile iron rail

						Ductile Iron	
		Height	Width	Length	Ø Side outlet	Article number	Weight
		[mm]	[mm]	[mm]	[mm]		
Sump unit with female-female connection	PE	444,5	211	500	2xØ110 2xØ160 2xØ200	703051	9,18



## Mufledrain Wing G 150 channel gratings

Image	Description	Fixing system	Width	Lenght	Slot/mesh	Weight	Article number
			[mm]	[mm]	[mm]	[kg/pc]	
<b>D 400</b>							
	Ductile iron square mesh	M8 nuts (not included)	198	498	27 x 27	6,95	503183
	Ductile iron slot 20	M8 nuts (not included)	198	498	132 x 20	7,10	503112
<b>E 600</b>							
	Ductile iron slot 20	M8 nuts (not included)	198	498	132 x 20	7,50	503113
	Ductile iron solid top cover	M8 nuts (not included)	198	498	-	10,60	503106
<b>F 900</b>							
	Ductile iron slot 20	M8 nuts (not included)	198	498	132 x 20	8,50	503174

## Mufledrain Wing G 150 grating accessories

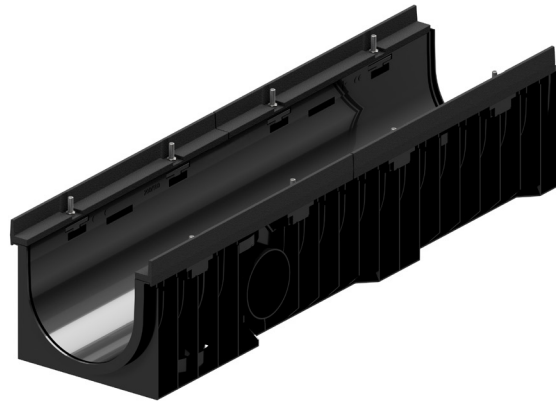
Description	Material	Valid for	Article number
M8 nuts	Galvanized steel	Mufledrain Wing G 150 ductile iron gratings	503312 <sup>(1)</sup>

<sup>(1)</sup>Valid for 1 meter of channel

# Mufledrain Wing G 200

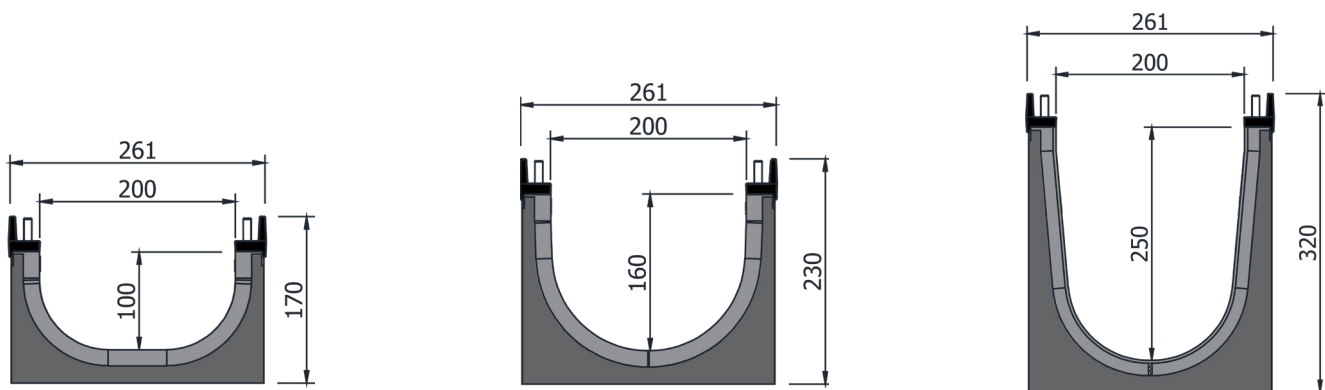
## Product Information

- HD-PE drainage channel, internal width: 200 mm
- Ductile iron rail
- Load class D400, F900 according to EN 1433
- Sump unit with foul air trap
- Side and vertical knockouts
- M8 bolt fixing system for gratings
- Special parts for corners, T-couplings and cross-couplings are available on request




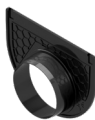



## Mufledrain Wing G 200 channel with ductile iron rail

Length 1000 mm, total width 261 mm

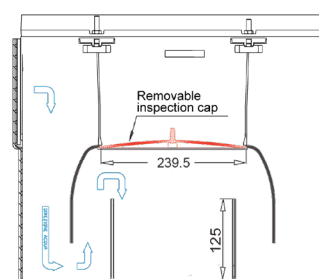
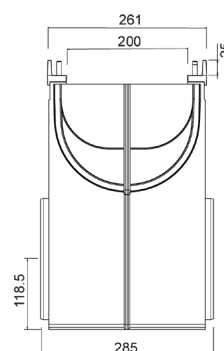
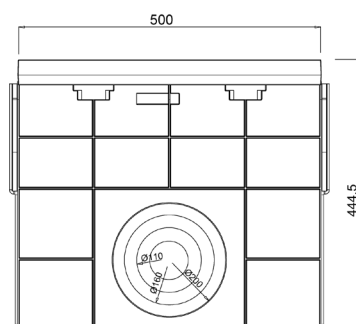


Total height	Internal height	Ø side outlet	Ø vertical outlet	Weight	Pieces/pallet (100X120)	Ductile iron
[mm]	[mm]	[mm]	[mm]	[kg/pz]		Article number
<b>Channel with vertical outlet Ø200/160</b>						
170	100	2 x Ø63	1 x Ø200/160	9,05	32	703030
230	160	2 x Ø110	1 x Ø200/160	9,65	24	703031
320	250	2 x Ø160/200	1 x Ø200/160	11,20	16	703032

## Mufledrain Wing G 200 channel accessories

Image	Description	For channel internal height [mm]	Material	Article number
	Closed end-cap	100	PE	700514
		160	PE	700515
	Ø75 outlet end-cap	100	PE	700526
	Ø110 outlet end-cap	160	PE	700507
	Closed end-cap with Ø160 knockout	250	PE	502416
	Step connectors from 100 mm to 160 mm	-	Composit	700519
	Step connectors from 160 mm to 250 mm	-	Composit	700518
	Bituminous sealant	-	-	500345

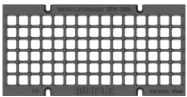




## Mufledrain Wing G 200 sump unit with ductile iron rail



	Material	Height [mm]	Width [mm]	Length [mm]	Ø Side Outlet [mm]	Weight [kg/pc]	Ductile iron Article number
Sump unit with female-female connection	PE	444,5	261	500	2xØ110 2xØ160 2xØ200	9,40	703052 <sup>(1)</sup>

<sup>(1)</sup>It is not designed for connection to H250 channels

## Mufledrain Wing G 200 channel gratings

Image	Description	Fixing system	Width [mm]	Length [mm]	Slot/Mesh [mm]	Weight [kg/pc]	Article number
<b>D 400</b>							
	Ductile iron square mesh	M8 nuts (not included)	248	498	24 x 25	8,50	503184
	Ductile iron slot 20	M8 nuts (not included)	248	498	182 x 20	8,20	503115
<b>E 600</b>							
	Ductile iron slot 20	M8 nuts (not included)	248	498	182 x 20	9,70	503116
	Ductile iron solid top cover	M8 nuts (not included)	248	498	-	12,00	503107
<b>F 900</b>							
	Ductile iron slot 20	M8 nuts (not included)	248	498	182 x 20	10,50	503175

## Mufledrain Wing G 200 grating accessories

Description	Material	Valid for	Article number
M8 Nuts	Galvanized steel	Mufledrain Wing G 200 ductile iron gratings	503312 <sup>(1)</sup>

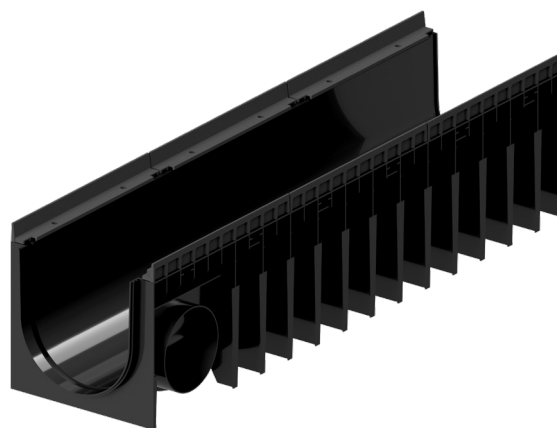
<sup>(1)</sup>Valid for 1 meter of channel



# Mufledrain Wing G 300

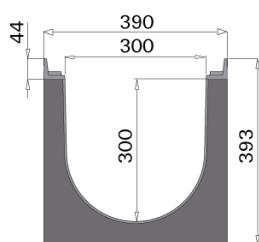
## Product information

- HD-PE drainage channel, internal width: 300 mm
- Ductile iron rail
- Load class D400, F900 according to EN 1433
- Sump unit with foul air trap
- Side and vertical knockouts
- M10 bolt fixing system for gratings
- Ideal for drainage of large surface



## Mufledrain Wing G 300 channel with ductile iron rail




**Lenght 1500 mm, total width 390 mm**



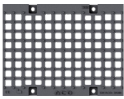
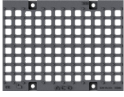
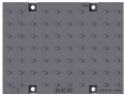
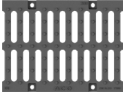
Total height	Internal height	Ø side outlet	Ø vertical outlet	Type of rail	Weight	Pieces/pallet (100X120)	Article number
[mm]	[mm]	[mm]	[mm]		[kg/pc]		
393	300	2 x Ø200	1 x Ø160/200	Ductile iron	20,90	10*	503018

(\*) 6 pieces for F900 type.

## Accessories for Mufledrain Wing G 300 Channel



Image	Description	For channel internal height [mm]	Material	Article number
	Closed end-cap	300	Galvanized steel	503411
	Ø200 outlet end-cap	300	Galvanized steel	503412
	Bituminous sealant	-	-	500345

## Mufledrain Wing G 300 channel gratings

Image	Description	Fixing system	Width [mm]	Length [mm]	Slot/mesh [mm]	Weight [kg/pc]	Article number
<b>D 400</b>							
	Ductile iron square mesh	M10 nuts (not included)	376	498	25 x 25	18,70	503118
<b>E 600</b>							
	Ductile iron square mesh	M10 nuts (not included)	376	498	25 x 25	22,00	503119
	Ductile iron solid top cover	M10 nuts(not included)	376	498	-	26,00	503104
<b>F900</b>							
	Ductile iron slot 24	M10 nuts and fixing tag F900 (not included)	376	498	130 x 24	27,50	503120 <sup>(1)</sup>

<sup>(1)</sup> Fixing tag F900 is needed to reach F900 load class and it is suggested in others heavy installations

## Mufledrain Wing G 300 gratings accessories

Image	Description	Material	Valid for	Article number
	Blind nut M10	Galvanized steel	ACO Xtraline G 300 ductile iron gratings	503310 <sup>(2)</sup>
		Stainless steel	ACO Xtraline G 300 ductile iron gratings	503311 <sup>(2)</sup>
	Fixing tag F900	Galvanized steel	ACO Xtraline G 300 F900 12 pieces ductile iron gratings (assembled before shipment)	540012

<sup>(2)</sup> Valid for 1,5 meter of channel

## Notes

[illegible]