



## 07 AWASCHACHT PP

Overview of chamber systems DN 1000 - 800 - 600

## Product range

### Overview of chamber systems

The REHAU AWASCHACHT PP chamber systems comply with European standards DIN EN 13598-2 and DIN EN 476, with requirements for access and inspection chambers as well as general requirements for components for sewer pipes



#### AWASCHACHT PP DN 1000

The classic access chamber

<b>Conventional field of application</b>	Dirty water, mixed water and stormwater
<b>Material</b>	PP filler-free, free from foaming additives
<b>Colour</b>	Orange
<b>Recommended application</b>	Access chamber, multiple side inlets
<b>Pipe connections</b>	Push-fit joint/welded connection



#### AWASCHACHT PP DN 800

The access chamber for occasional entry

<b>Conventional field of application</b>	Dirty water, mixed water and stormwater
<b>Material</b>	PP filler-free, free from foaming additives
<b>Colour</b>	Orange
<b>Recommended application</b>	Confined space conditions, house connection chamber
<b>Pipe connections</b>	Push-fit joint/welded connection



#### AWASCHACHT PP DN 600

The inspection and control chamber for the public area

<b>Conventional field of application</b>	Dirty water, mixed water and stormwater
<b>Material</b>	PP filler-free, free from foaming additives
<b>Colour</b>	Orange
<b>Recommended application</b>	Chamber for cleaning and inspection, initial chamber
<b>Pipe connections</b>	Push-fit joint/welded connection

#### AWASCHACHT PP special solutions

Shafts for special applications



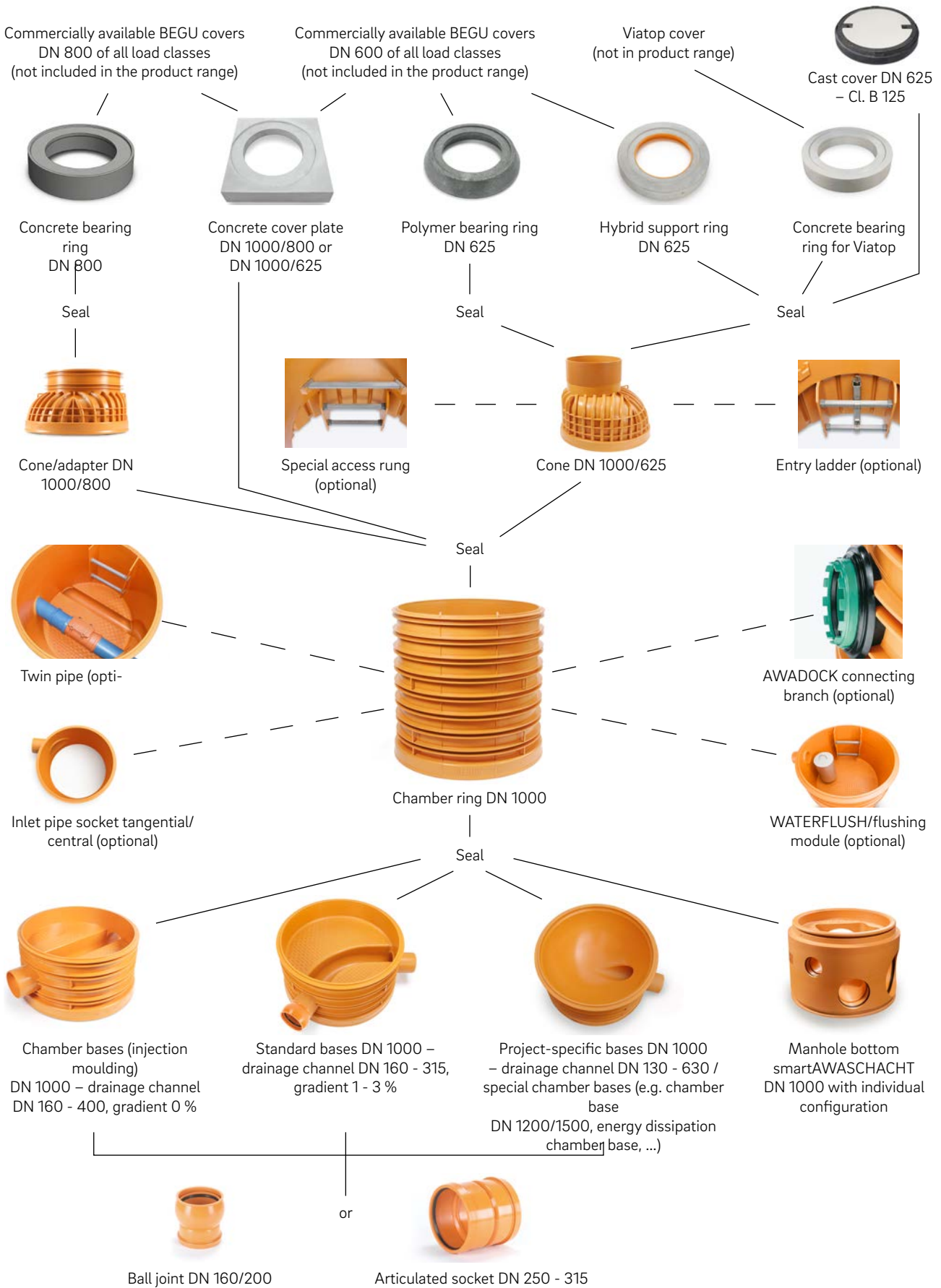
<b>smartAWASCHACHT</b>	Customized solution for complicated construction sites and channel situations
<b>Chamber-in-chamber renovation</b>	Durable and effective renovation of old manholes
<b>TWINSCHACHT</b>	For waste water and stormwater in one chamber
<b>Energy conversion chamber</b>	For steep sections drainage
<b>Pressure release chamber</b>	Steep gradient drainage, energy conversion chamber
<b>WATERFLUSH</b>	Independent rinsing system for sewers
<b>Water metre chamber</b>	Installation of several metre units
<b>Chamber bases DN 1200/1500</b>	For large drainage channel diameters and several lateral inlets



## 08 **AWASCHACHT PP DN 1000**

Access chamber

**Components for AWASCHACHT DN 1000**



**08.01 AWASCHACHT PP DN 1000**

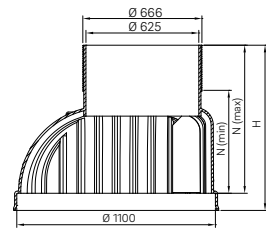
**AWASCHACHT PP DN 1000 - cone**

Properties:  
shortening dimension: max. 250 mm

Material:  
Polypropylene (PP 2300)

Colour:  
Orange

- Note:
- without seal cone hybrid support ring DN 625
  - without element seal DN 1000



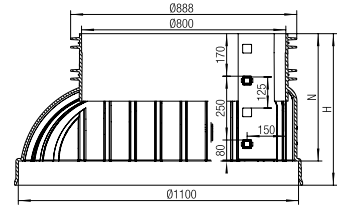
Mat.-no.	Description	Effective height N <sub>min</sub>	Effective height N <sub>max</sub>	Height H	Weight	PG
		mm	mm	mm	kg/pc	pc
11904001100	DN 1000/625 with ladder	570	820	915	43.48	4
11904881001	DN 1000/625 without ladder	570	820	915	41	4

**AWASCHACHT PP DN 1000 - cone**

Material:  
Polypropylene (PP 2300)

Colour:  
Orange

- Note:
- without element seal DN 1000
  - without element seal DN 800



Mat.-no.	Description	Effective height N	Height H	Weight	PG
		mm	mm	kg/pc	pc
11907961100	DN 1000/800 with ladder, EH: 500 mm	500	595	23.415	4

**AWASCHACHT PP DN 1000 - chamber ring**

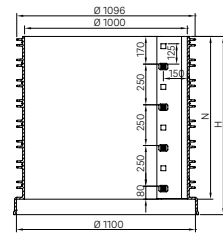
Properties:  
with vertical ladder

Material:  
Polypropylene (PP 2300)

Colour:  
Orange

Note:

- without element seal DN 1000
- inlet pipe sockets and tangential spigots as inlet above the drainage channel possible, prices on request



Mat.-no.	Description	DN/OD	Effective height N	Height H	Weight	PG
			mm	mm		
11922341001	DN 1000, eff. height 125mm, with ladder	1000	125	220	9.856	16
11922331001	DN 1000, eff. height 250mm, with ladder	1000	250	345	17.84	8
11922661001	DN 1000, eff. height 500 mm, with ladder	1000	500	595	35.68	4
11922251001	DN 1000, eff. height 750mm, with ladder	1000	750	845	53.52	3
11922231001	DN 1000, eff. height 1000mm, with ladder	1000	1000	1095	71.36	2

**AWASCHACHT PP DN 1000 - chamber ring**

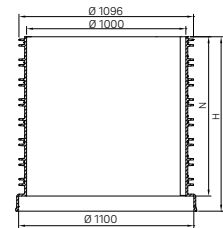
Properties:  
without vertical ladder, without walkways

Material:  
Polypropylene (PP 2300)

Colour:  
Orange

Note:

- without element seal DN 1000
- inlet pipe sockets and tangential spigots as inlet above the drainage channel possible, prices on request

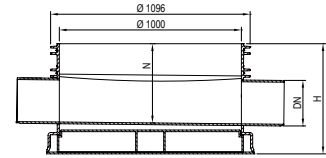


Mat.-no.	Description	DN/OD	Effective height N	Height H	Weight	PG
			mm	mm		
11922451001	DN 1000, eff. ht. 125 mm without ladder	1000	125	220	9.38	16
11922441001	DN 1000, eff. ht. 250 mm without ladder	1000	250	345	13.4	8
11922721001	DN 1000, eff. ht. 500 mm without ladder	1000	500	595	33.5	4
11922631001	DN 1000, eff. ht. 750 mm without ladder	1000	750	845	50.25	3
11922591001	DN 1000, eff. ht. 1000 mm without ladder	1000	1000	1095	67	2

**AWASCHACHT PP DN 1000 - standard chamber base**

Properties:

- 0 % gradient in the channel
- inlet and outlet as spigot end or sleeve
- injection moulded design
- deformation-proof
- with level contact surface



Material:

Polypropylene (PP 2300)









Colour:

Orange

Note:

- without element seal DN 1000 (type M)
- for manhole bases with connection socket, insert element seal DN 1000, type M

Mat.-no.	Channel shape	DN/OD	Bending	Connection	Effective height N mm	Height H mm	Weight kg/pc	PG pc
<b>GD</b>								
11919301160		160	180°	spigot end	435	605	63.2	4
11910021200		200	180°	spigot end	435	605	73.3	4
11903191250		250	180°	spigot end	435	605	77.3	4
11904591315		315	180°	spigot end	435	605	71.2	4
11904661400		400	180°	spigot end	480	605	77.425	4
<b>AG15</b>								
11908271200		200	165° or 195°	spigot end	435	605	67.917	4
11909871001		315	165° or 195°	spigot end	435	605	53.075	4
<b>AG30</b>								
11908281200		200	150° or 225°	spigot end	435	605	68.967	4
11909881001		315	150° or 225°	spigot end	435	605	53.525	4
<b>AG45</b>								
11908291200		200	135° or 225°	spigot end	435	605	68.442	4
<b>AG60</b>								
11909731001		200	120° or 240°	sleeve	435	605	80	4
<b>AG90</b>								
11904961001		200	90° or 270°	sleeve	435	605	80	4
11904981001		250	90° or 270°	sleeve	435	605	80	4
11904991001		315	90° or 270°	sleeve	435	605	80	4

Mat.-no.	Channel shape	DN/OD	Bending	Connection	Effective height N mm	Height H mm	Weight kg/pc	PG pc
<b>RML45</b>								
11909721001		200	135° / 180° / 225°	sleeve	435	605	80	4
<b>RM45</b>								
11912481001		200	180° / 225°	sleeve	435	605	82.3	4
<b>ML45</b>								
11912491001		200	135° / 180°	sleeve	435	605	82.3	4
<b>RL45</b>								
11912521001		200	135° / 225°	sleeve	435	605	82.3	4
<b>RML90</b>								
11910031001		200	90° / 180° / 270°	sleeve	435	605	79	4
11904581001		250	90° / 180° / 270°	sleeve	435	605	80	4
11904631001		315	90° / 180° / 270°	sleeve	435	605	81	4
<b>RM90</b>								
11908321001		200	180° / 270°	sleeve	435	605	81.25	4
11908371001		250	180° / 270°	sleeve	435	605	82.25	4
11908421001		315	180° / 270°	sleeve	435	605	83.25	4
<b>ML90</b>								
11908331001		200	90° / 180°	sleeve	435	605	81.25	4
11908381001		250	90° / 180°	sleeve	435	605	82.25	4
11908431001		315	90° / 180°	sleeve	435	605	83.25	4
<b>RL90</b>								
11908361001		200	90° / 270°	sleeve	435	605	81.25	4
11908391001		250	90° / 270°	sleeve	435	605	82.25	4
11908461001		315	90° / 270°	sleeve	435	605	83.25	4

**AWASCHACHT PP empty base DN 1000**

Properties:

- no connections
- injection moulded design
- deformation-proof
- with level contact surface

Material:

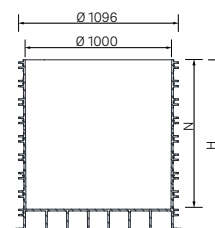
Polypropylene (PP 2300)

Colour:

Orange

Note:

without element seal DN 1000

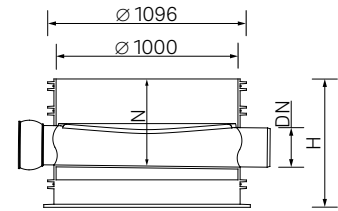


Mat.-no.	Description	Effective height N	Height H	Weight	PG
		mm	mm	kg/pc	pc
11922571001	DN 1000, eff. ht. 250mm, without flume	265	405	48.246	8
11922541001	DN 1000, eff. ht. 500mm, without flume	515	655	62.436	4
11922521001	DN 1000, eff. ht. 750mm, without flume	765	905	75.68	3
11922481001	DN 1000, eff. ht. 1000mm, without flume	1015	1155	94.6	2

**AWASCHACHT PP DN 1000 - standard chamber base**

Application:

- Gradient variable from 1 - 3 % (DN 160 - 400) or 1 % (DN 500 - 630)
- Standard 1 % gradient in the channel, gradient > 1 % on request
- See table for respective usable height



Properties:

- Articulated inlets (can be angled horizontally or vertically by  $\pm 7.5^\circ$ ) including permanently inserted EPDM Sealing ring (DN 160 - 315), outlet as a pointed end
- DN 400 - DN 630 including enclosed double socket
- with level contact surface
- welded variant as spigot end possible

Material:

Polypropylene (PP 2300)

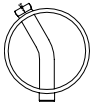
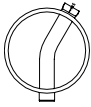
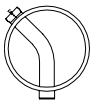
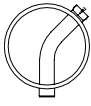
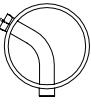
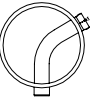
Colour:

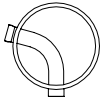
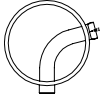
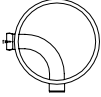
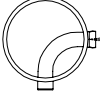
Orange

Note:

- without element seal DN 1000
- lateral inlets possible, price and feasibility on request

Mat.-no.	Channel shape	DN/OD	Bending	Connection	Effective height N	Height H	Weight	PG
					mm	mm		
<b>GD</b>								
11910061001		160	180°	ball joint	435	665	79,11	4
11910861001		200	180°	ball joint	435	665	80,329	4
11911561001		250	180°	articulated socket	435	665	85,773	4
11912261001		315	180°	articulated socket	435	665	91,155	4
11916181001		500	180°	sleeve	685	905	134,5	2
11915711001		630	180°	sleeve	935	1155	150	2
<b>AG15</b>								
11910161001		160	165°	ball joint	435	665	85,881	4
11910961001		200	165°	ball joint	435	665	87,1	4
11911661001		250	165°	articulated socket	435	665	85,773	4
11912361001		315	165°	articulated socket	435	665	94,462	4
11916121001		400	165°	sleeve	685	905	115,328	2
11916091001		500	165°	sleeve	685	905	134,5	2
11915721001	630	165°	sleeve	935	1155	150	2	
11910161100		160	195°	ball joint	435	665	85,881	4
11910961100		200	195°	ball joint	435	665	87,1	4
11911661100		250	195°	articulated socket	435	665	85,773	4
11912361100		315	195°	articulated socket	435	665	94,462	4
11916121100		400	195°	sleeve	685	905	115,328	2
11916091100		500	195°	sleeve	685	905	134,5	2
11915721100	630	195°	sleeve	935	1155	150	2	

Mat.-no.	Channel shape	DN/OD	Bending	Connection	Effective height N mm	Height H mm	Weight kg/pc	PG pc
<b>AG30</b>								
11910261001		160	150°	ball joint	435	665	85,881	4
11911061001		200	150°	ball joint	435	665	87,1	4
11911761001		250	150°	articulated socket	435	665	85,773	4
11912461001		315	150°	articulated socket	435	665	94,462	4
11916131001		400	150°	sleeve	685	905	115,269	2
11916191001		500	150°	sleeve	685	905	134,5	2
11910261100		160	210°	ball joint	435	665	85,881	4
11911061100		200	210°	ball joint	435	665	87,1	4
11911761100		250	210°	articulated socket	435	665	85,773	4
11912461100		315	210°	articulated socket	435	665	94,462	4
11916131100		400	210°	sleeve	685	905	115,269	2
11916191100		500	210°	sleeve	685	905	134,5	2
<b>AG45</b>								
11910361001		160	135°	ball joint	435	665	85,881	4
11911161001		200	135°	ball joint	435	665	87,1	4
11911861001		250	135°	articulated socket	435	665	85,773	4
11912561001		315	135°	articulated socket	435	665	94,462	4
11916141001		400	135°	sleeve	685	905	115,269	2
11916221001		500	135°	sleeve	685	905	134,5	2
11910361100		160	225°	ball joint	435	665	85,881	4
11911161100		200	225°	ball joint	435	665	87,1	4
11911861100		250	225°	articulated socket	435	665	85,773	4
11912561100		315	225°	articulated socket	435	665	94,462	4
11916141100		400	225°	sleeve	685	905	115,269	2
11916221100		500	225°	sleeve	685	905	134,5	2
<b>AG60</b>								
11910461001		160	120°	ball joint	435	665	85,881	4
11911261001		200	120°	ball joint	435	665	87,1	4
11912761001		250	120°	articulated socket	435	665	85,773	4
11912861001		315	120°	articulated socket	435	665	94,462	4
11916151001		400	120°	sleeve	685	905	115,269	2
11916231001		500	120°	sleeve	685	905	134,5	2
11910461100		160	240°	ball joint	435	665	85,881	4
11911261100		200	240°	ball joint	435	665	87,1	4
11912761100		250	240°	articulated socket	435	665	85,773	4
11912861100		315	240°	articulated socket	435	665	94,462	4
11916151100		400	240°	sleeve	685	905	115,269	2
11916231100		500	240°	sleeve	685	905	134,5	2

Mat.-no.	Channel shape	DN/OD	Bending	Connection	Effective height N mm	Height H mm	Weight kg/pc	PG pc
<b>AG75</b>								
11913661001		160	105°	ball joint	435	665	85,881	4
11913761001		200	105°	ball joint	435	665	87,1	4
11913861001		250	105°	articulated socket	435	665	89,814	4
11913961001		315	105°	articulated socket	435	665	94,462	4
11916161001		400	105°	sleeve	685	905	115,269	2
11916241001		500	105°	sleeve	685	905	134,5	2
11913661100		160	255°	ball joint	435	665	85,881	4
11913761100		200	255°	ball joint	435	665	87,1	4
11913861100		250	255°	articulated socket	435	665	89,814	4
11913961100		315	255°	articulated socket	435	665	94,462	4
11916161100		400	255°	sleeve	685	905	115,269	2
11916241100		500	255°	sleeve	685	905	134,5	2
<b>AG90</b>								
11910561001		160	90°	ball joint	435	665	85,881	4
11912961001		200	90°	ball joint	435	665	83,059	4
11913061001		250	90°	articulated socket	435	665	89,814	4
11913161001		315	90°	articulated socket	435	665	94,462	4
11916171001		400	90°	sleeve	685	905	115,269	2
11916251001		500	90°	sleeve	685	905	134,5	2
11910561100		160	270°	ball joint	435	665	85,881	4
11912961100		200	270°	ball joint	435	665	83,059	4
11913061100		250	270°	articulated socket	435	665	89,814	4
11913161100		315	270°	articulated socket	435	665	94,462	4
11916171100		400	270°	sleeve	685	905	115,269	2
11916251100		500	270°	sleeve	685	905	134,5	2

**AWASCHACHT PP DN 1000 - standard chamber base  
(effective height: 435 mm)**

Application:

Usable height 435 mm

Properties:

- Standard 1 % gradient in the channel, gradient > 1 % on request
- welded variant as spigot end possible
- Articulated inlets (can be angled horizontally or vertically by  $\pm 7.5^\circ$ ) including permanently inserted EPDM sealing ring, drain as pointed end
- with level contact surface

Material:

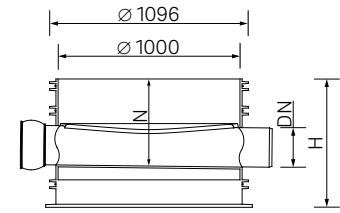
Polypropylene (PP 2300)

Colour:

Orange

Note:

- without element seal DN 1000
- no lateral inlets possible



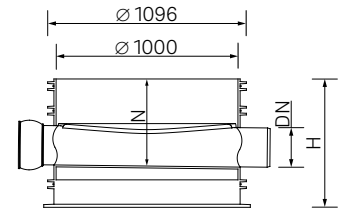
Mat.-no.	Channel shape	DN/OD	Bending	Connection	Effective height N	Height H	Weight	PG
					mm	mm		
<b>GD-AM</b>								
11907271001* <sup>1</sup>		160	180° (off-center)	ball joint	435	665	76.173	4
11907281001* <sup>1</sup>		200	180° (off-center)	ball joint	435	665	76.406	4
<b>RML45</b>								
11913261001		160	135°/180°/225°	ball joint	435	665	90.854	4
11911361001* <sup>1</sup>		200	135°/180°/225°	ball joint	435	665	90.545	4
11912061001* <sup>1</sup>		250	135°/180°/225°	articulated socket	435	665	98.585	4
<b>RML90</b>								
11910661001* <sup>1</sup>		160	90°/180°/270°	ball joint	435	665	89.062	4
<b>RM90</b>								
11913361100* <sup>1</sup>		200/200	180°/270°	ball joint	435	665	89.375	4
11913461100* <sup>1</sup>		250/200	180°/270°	articulated socket	435	665	94.079	4
11913561100* <sup>1</sup>		315/200	180°/270°	articulated socket	435	665	95.637	4
<b>ML90</b>								
11913361001* <sup>1</sup>		200/200	90°/180°	ball joint	435	665	89.375	4
11913461001* <sup>1</sup>		250/200	90°/180°	articulated socket	435	665	91.148	4
11913561001* <sup>1</sup>		315/200	90°/180°	articulated socket	435	665	95.637	4

\*<sup>1</sup> delivery time on request

**AWASCHACHT PP DN 1000 - project-specific bases**

Application:

- See table for respective usable height
- useful height: 435 mm for shaft height < 1,496 mm (top of ground to flow bottom)
- gradient variable from 1 - 10 % (DN 160 - 400) or 1 - 5 % (DN 500 - 630), additional price for gradient > 10 % (DN 160 - 315)



Properties:

- Articulated inlets (can be angled horizontally or vertically by ± 7.5°) including permanently inserted EPDM Sealing ring (DN 160 - 315), outlet as a pointed end
- DN 400 - DN 630 including enclosed double socket
- with level contact surface
- welded variant as spigot end possible

Material:

Polypropylene (PP 2300)

Colour:

Orange

Note:

- without element seal DN 1000
- lateral inlets possible, price and feasibility on request

Mat.-no.	Channel shape	DN/OD	Bending	Gradient	Effective height N mm	Height H mm	Weight kg/pc	PG pc
<b>GD</b>								
19810011110		110	180 °	1-10 %	435	605	66	4
19810011125		125	180 °	1-10 %	435	605	67	4
19810031400		400	180°	1-10 %	685	905	98	2
19810031500		500	180°	1-5 %	685	905	111	2
19810031630		630	180°	1-5 %	935	1155	146	2
19810011160		160	180° (+/- 7,5°)	1-10 %	435	605	68	4
19810011200		200	180° (+/- 7,5°)	1-10 %	435	605	70	4
19810011250		250	180° (+/- 7,5°)	1-10 %	435	605	74	4
19810011315		315	180° (+/- 7,5°)	1-10 %	435	605	80	4
<b>AG</b>								
19810041400		400	135° - 225°	1-10 %	685	905	98	2
19810041500		500	150° - 210°	1-5 %	685	905	111	2
19810021110		110	variable	1-10 %	435	605	66	4
19810021125		125	variable	1-10 %	435	605	67	4
19810021160		160	variable (+/- 7,5°)	1-10 %	435	605	68	4
19810021200		200	variable (+/- 7,5°)	1-10 %	435	605	70	4
19810021250		250	variable (+/- 7,5°)	1-10 %	435	605	74	4
19810021315		315	variable (+/- 7,5°)	1-10 %	435	605	80	4

**08.02 Support area**

**AWASCHACHT hybrid support ring**

Application:  
for commercially available BEGU covers according to EN 124

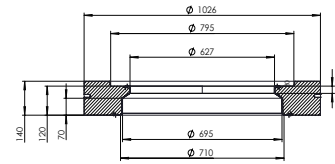
Material:  
Concrete, with polymer inner surface

Colour:  

- ring, Grey
- interior surface, Orange

Note:  

- Especially for waste water manholes for visual differentiation.
- without seal cone hybrid support ring DN 625



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11914641001	DN 625, for AWAS 1000/800, orange f. WW	625	144	7

**AWASCHACHT PP hybrid support ring**

Application:  
for commercially available BEGU covers according to EN 124

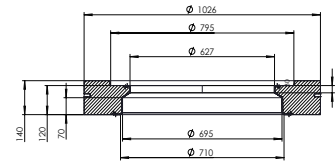
Material:  
Concrete, with polymer inner surface

Colour:  

- ring, Grey
- inner surface, Blue

Note:  

- Especially for rain water manholes for visual differentiation.
- without seal cone hybrid support ring DN 625



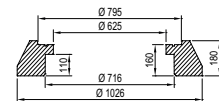
Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11914661001	DN 625, for AWAS 1000/800, blue f. RW	625	144	7

**AWASCHACHT PP polymer bearing ring**

Application:  
for commercially available BEGU covers according to EN 124

Material:  
Polymer

Colour:  
Grey



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11904281001	DN 625, for AWAS 1000/800	625	47	10

**Accessories polymer support ring**

Application:

special accessories for polymer support ring, seal for cone-polymer support ring connection, mortar for connection to commercially available BEGU covers according to EN 124

Mat.-no.	Description	Weight	PG
11904491001	DN 625, cone - polymer bearing ring	400 g/pc	1
11904731001	type VANDEX f. polymer bearing ring	25 kg/pc	1

**AWASCHACHT PP concrete bearing ring**

Application:

for commercially available BEGU covers according to EN 124

Material:

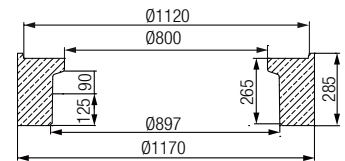
Concrete

Colour:

Grey

Note:

without element seal DN 800



Mat.-no.	Description	DN/OD	Weight	PG
11908631001	DN 800, f. covers DN 800	800	300 kg/pc	3 pc

**AWASCHACHT PP concrete bearing ring Viatop**

Application:

for Viatop niveau cover

Properties:

consistent &gt; 680 mm internally

Material:

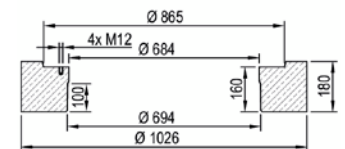
Concrete

Colour:

Grey

Note:

without seal cone concrete ring / cast cover



Mat.-no.	Description	DN/OD	Weight	PG
11900361001	Viatop for DN 1000/800/600 (type F)	625	185 kg/pc	7 pc

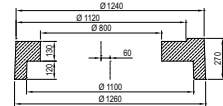
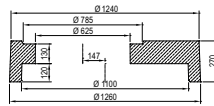
**AWASCHACHT PP concrete cover plate**

Application:  
for commercially available BEGU covers according to EN 124

Material:  
Concrete

Colour:  
Grey

Note:  
without element seal



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11902171001	DN 625, for AWASCHACHT DN 1000	625	631	1
11902271001	DN 800, for AWASCHACHT DN 1000	800	685	1

**AWASCHACHT PP cast iron cover**

Application:  
for direct support on cone 1000/625 or 800/625

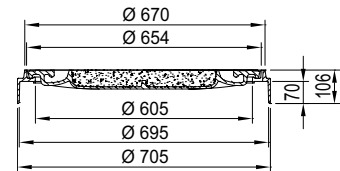
Properties:  
class B 125 with cast concrete cover

Material:  
Cast/Concrete

Colour:  

- interior surface, Grey
- housing outside, Black

Note:  
not compatible with concrete and polymer bearing ring



Mat.-no.	Description	DN/OD	Di mm	Da mm	Effective height N mm	Height H mm	Weight kg/pc	PG pc
11902481001	DN 625, type: B 125	625	605	705	35	106	77	12
11902571001	DN 625, type: B 125 V	625	605	705	35	106	62	12
11902581001	DN 625, type: B 125 TGW	625	605	705	35	106	77	12

## 08.03 Seals

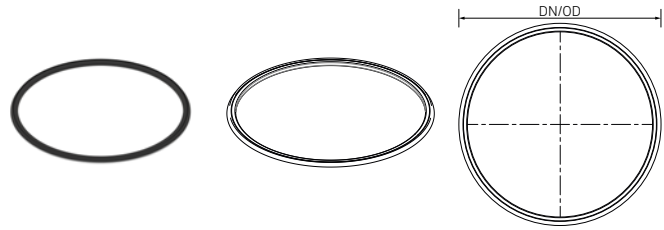
**AWASCHACHT PP element seal**

Material:

Ethylene-propylene diene monomer rubber (EPDM)

Colour:

Black



Mat.-no.	Description	DN/OD	Weight kg/pc	PG pc
11915591001	element seal DN 800	800	2.03	1
11915581001	element seal DN 1000	1000	2.66	1
11904931001	DN 1000, type M	1000	2.6	1

**AWASCHACHT PP seal cone hybrid support ring**

Material:

Ethylene-propylene diene monomer rubber (EPDM)

Colour:

Black



Mat.-no.	Description	DN/OD	Weight g/pc	PG pc	PG pc/PF
11915631001	DN 625, cone - bearing ring, iron cover	625	1020	1	250

**AWASCHACHT PP cone concrete ring**

Material:

Ethylene-propylene diene monomer rubber (EPDM)

Colour:

Black



Mat.-no.	Description	DN/OD	Weight g/pc	PG pc	PG pc/Pal
11906451001	DN 625, cone - bearing ring/iron cover	625	940	1	250

## 08.04 Accessories AWASCHACHT entry aid with safety handle

Mat.-no.	Description	Length L	Weight	PG
		m	kg/pc	pc
11906251001	with safety handle, length ca. 1,60 m	1.6	3.5	1

### AWASCHACHT sleeve for entry aid



Mat.-no.	Description	Weight	PG
		kg/pc	pc
11906351200	without instal. ID: 38mm (type Zarges)	2.49	1

### AWASCHACHT special entry step



Mat.-no.	Description	Weight	PG
		g/pc	pc
11910751001	for cone DN 1000/625 made of GRP	200	1
11912141001	for cone DN 800/625 made of GRP	367	1

### Rope loop M12 for concrete bearing ring



Mat.-no.	Description	Weight	PG
		g/pc	pc
11902771001	thread M12, for bearing ring DN 625	200	1

**Lubricant**

Application:  
for socket coupler connection



Mat.-no.	Description	Weight	PG
11765201003	250 ml	250 g/pc	50
11729601003	500 ml	500 g/pc	24
11787501001	1000 ml	1 kg/pc	1
11088101001	5000 ml	5000 g/pc	1

**08.05 Fittings****AWADUKT PP ball joint**

Properties:

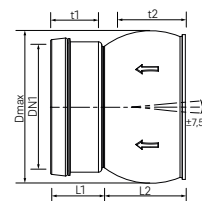
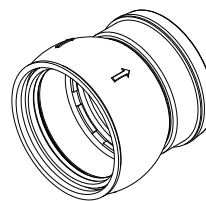
- infinite angle adjustment by  $\pm 7.5^\circ$  horizontally or vertically
- with EPDM seals

Material:

Polypropylene (PP 2300)

Colour:

Orange



Mat.-no.	Description	DN/OD	D <sub>max</sub> mm	t mm	t2 mm	L1 mm	L2 mm	Weight kg/pc	PG pc
<b>160</b>									
11760451001	DN 160 socket/socket	160	210	69	98	76	127	1.294	72
11760551001	DN 160 socket/spigot	160	210	0	98	88	127	1.236	92
<b>200</b>									
11725551001	DN 200 socket/socket	200	253	78	110	105	146	1.964	45
11725651001	DN 200 socket/spigot	200	253	0	110	95	146	1.891	45

**AWADUKT PP double socket vario**

Properties:

- infinite angle adjustment by  $\pm 7.5^\circ$  horizontally or vertically
- with EPDM seals

Type:

KGMM vario

Material:

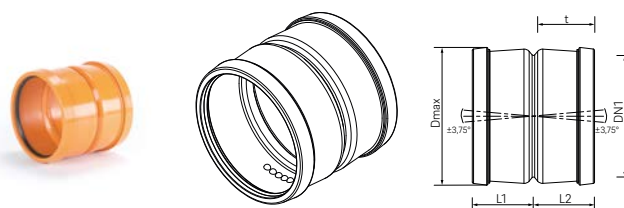
Polypropylene (PP 2300)

Colour:

Orange

Note:

delivery socket/spigot end includes double socket with pipe section



Mat.-no.	Description	DN/OD	t mm	D <sub>max</sub> mm	L1 mm	L2 mm	Weight kg/pc	PG pc
<b>250</b>								
11760751001	DN 250 socket/socket	250	105	286	127	127	1.92	32
11761171001	DN 250 socket/spigot	250	105	286	127	527	5.422	10
<b>315</b>								
11760851001	DN 315 socket/socket	315	120	357	146	146	3.307	16
11761181001	DN 315 socket/spigot	315	120	357	146	570	9.306	6

**AWADOCK hole saw**

Application:

for tapping polymer pipes and chambers, including hole saw retainer, drill chuck, centre drill with ejector

Components:

packed in a tool case



Mat.-no.	Description	Diameter D mm	Weight kg/pc	PG pc
11900281001	for polymer pipes and chambers, 200 mm	200	3.5	1
11904571001	for polymer pipes and chambers, 250 mm	250	4.5	1

**AWADOCK to AWASCHACHT**

Application:

connection of PVC and PP sewer pipes to AWASCHACHT  
PP DN 800 and DN 1000

Material:

- Ethylene-propylene diene monomer rubber (EPDM)
- Polypropylene (PP)

Colour:

- screw crown, Green
- gasket, Black



Mat.-no.	Description	Type	DN/OD	Borehole	Length tip end	Weight	PG
				mm	mm		
<b>160</b>							
11903651600	Polymer DN160 to AWASCHACHT	standard	160	200	0	1.61	1
11911751600	Polymer DN160 to AWASCHACHT 800/1000	K/U	160	200	60	1.711	1
<b>200</b>							
11913451600	Polymer DN200 to AWASCHACHT 800/1000	standard	200	250	0	2.371	1
11913551600	Polymer DN200 to AWASCHACHT 800/1000	K/U	200	250	60	2.408	1