

*ACO product catalogue*

**ACO GRP Light Oil Separators**

**ACO Oleopator G**



**ACO. The future  
of drainage**



## **Glass Fibre Light Oil Separators Oleopator G**



**collect:**  
Collect and  
remove



**clean:**  
Pre-clean and  
process



**hold:**  
Protect and  
attenuate



**release:**  
Pump, discharge and  
reuse



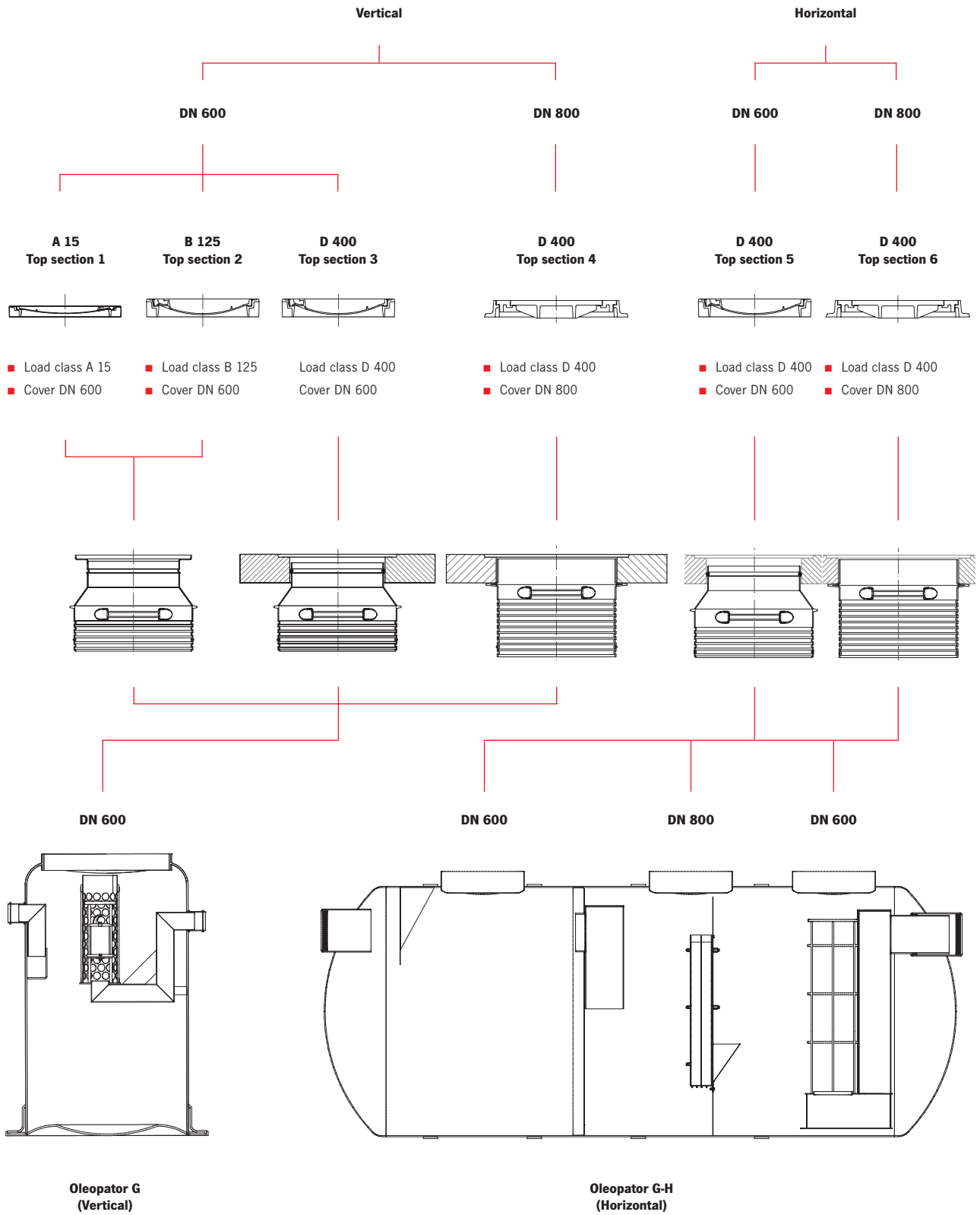
ACO system chain  
in action

## CONTENT

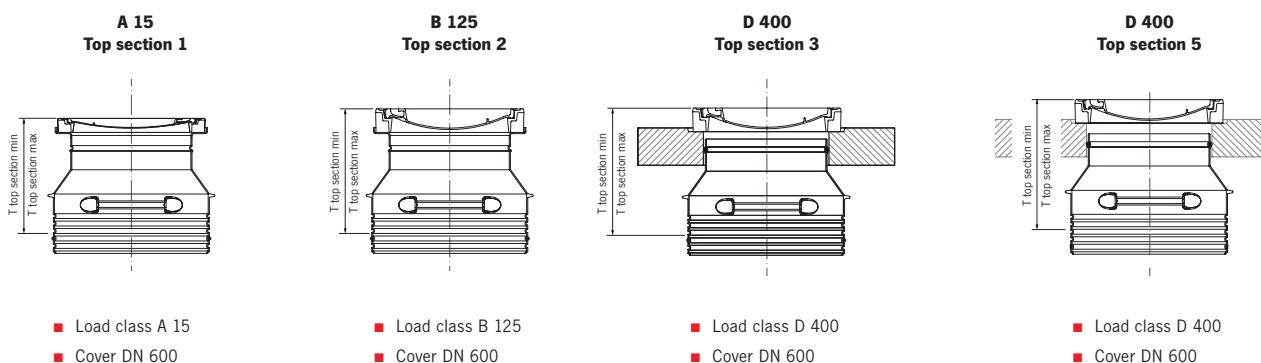
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**Assembly concept**

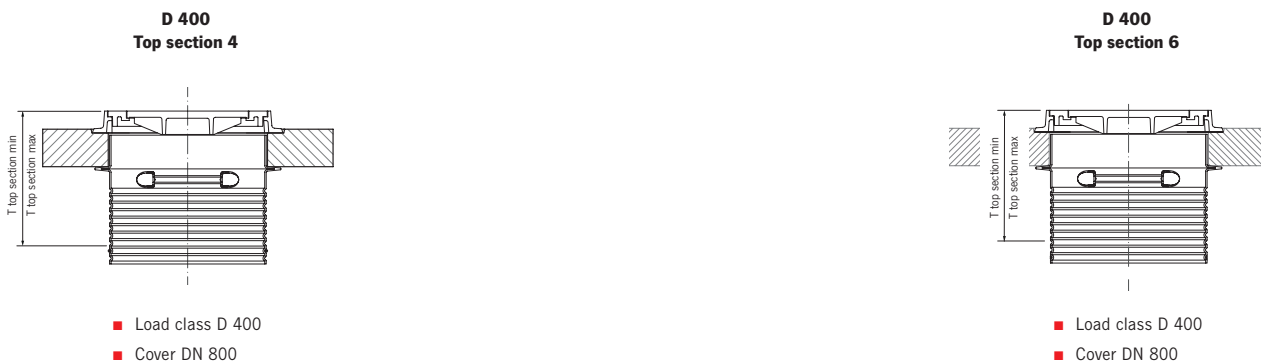
**Assembly parts**



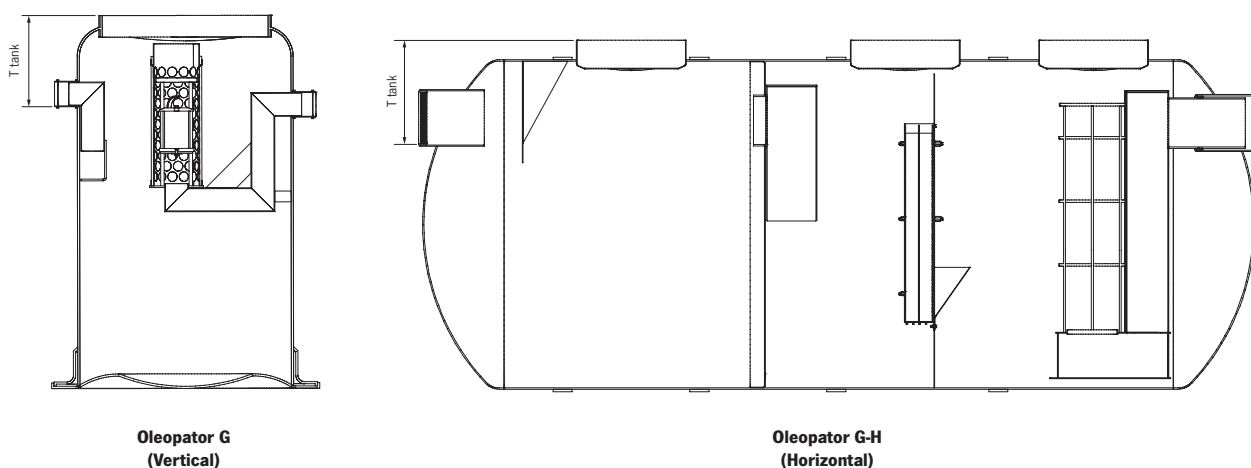
### Top sections DN 600



### Top sections DN 800



### Bottom part



### Calculation of Installation depth

#### Top section 1 - 6

- $T_{total} = T_{tank} + T_{top\ section\ (min - max)}$

- DN 600 shall be max. 600 mm
- DN 800 shall be max. 3000 mm

**Oleopator G**

**Product information**

**ACO Product benefits**

- All nominal sizes tested by regional test institute (LGA)
- DOP
- Optimum accessibility guaranteed for maintenance, cleaning and disposal thanks to removable cage component
- Coalescence insert can be removed for cleaning without having to empty the separator
- Integrated connection for sampling device

- Tank made of glass reinforced plastic
- With coalescence insert (filter)
- Inner parts made of PEHD

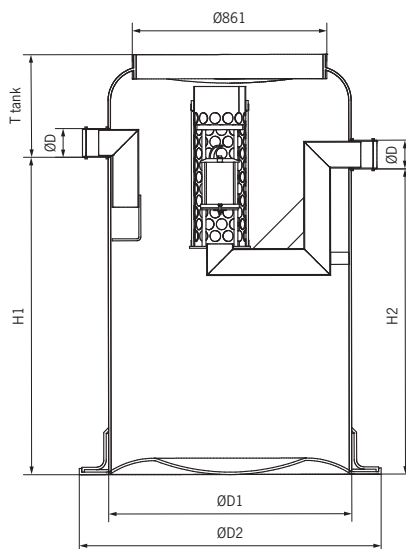


**Order information**

Nominal size	Inlet/outlet DN/OD [mm]	Volume			Weight [kg]	Item number
		Sludge trap [l]	Oil storage [l]	Total capacity [l]		
3	100	300	163	604	105	12601.01
3	100	600	163	903	105	12602.01
3	100	900	232	1297	172	12603.01
6	150	600	160	887	169	12611.01
6	150	1200	232	1602	182	12612.01
6	150	1800	576	2413	233	12613.01
10	150	1000	273	1534	197	12621.01
10	150	2000	576	2784	254	12622.01
10	150	3000	1139	4755	705	12623.01
15	200	1500	464	2360	310	12631.01
15	200	3000	944	3914	525	12632.01
20	200	4000	1163	5857	565	12642.01
20	200	6000	1163	7909	618	12643.01
20	200	2000	1163	3243	505	12645.01
30	250	3000	1513	5705	515	12651.01
30	250	6000	1613	8555	613	12652.01
40	300	4000	1350	7225	630	12661.01
50	300	5000	1350	8213	650	12671.01



**Dimensions**



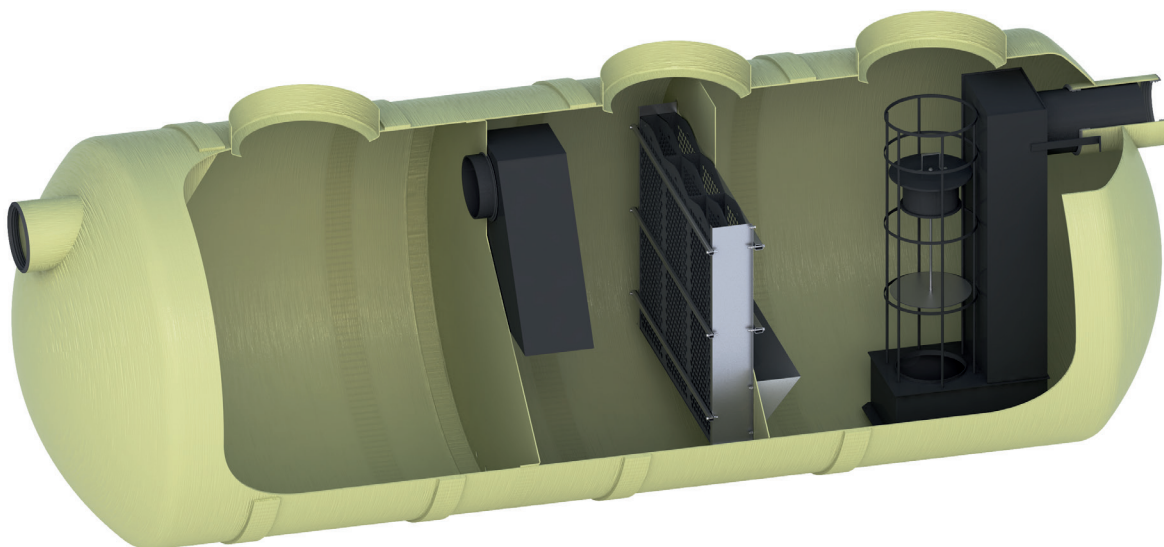
Nominal size	Item number	Dimension				
		H1 [mm]	H2 [mm]	ØD1 [mm]	ØD2 [mm]	T tank [mm]
3	12601.01	800	780	1000	1240	400
3	12602.01	1180	1160	1000	1240	400
3	12603.01	1200	1180	1200	1400	460
6	12611.01	1160	1140	1000	1240	460
6	12612.01	1470	1450	1200	1400	570
6	12613.01	1410	1390	1500	1720	630
10	12621.01	1410	1390	1200	1400	590
10	12622.01	1620	1600	1500	1720	560
10	12623.01	1370	1350	2200	2440	640
15	12631.01	1380	1360	1500	1720	660
15	12632.01	2260	2240	1500	1720	600
20	12642.01	1660	1640	2200	2440	780
20	12643.01	2200	2180	2200	2440	690
20	12645.01	1880	1860	1500	1720	660
30	12651.01	1620	1600	2200	2440	730
30	12652.01	2370	2350	2200	2440	720
40	12661.01	2020	2000	2200	2440	830
50	12671.01	2280	2260	2200	2440	960

**Oleopator G-H**

**Product information**

- ACO Product benefits**
- All nominal sizes tested by regional test institute (LGA)
  - DOP
  - Optimum accessibility guaranteed for maintenance, cleaning and disposal thanks to removable cage component
  - Coalescence insert can be removed for cleaning without having to empty the separator
  - Integrated connection for sampling device

- Tank made of glass reinforced plastic
- With coalescence insert (filter)
- Inner parts made of PEHD



**Order information**

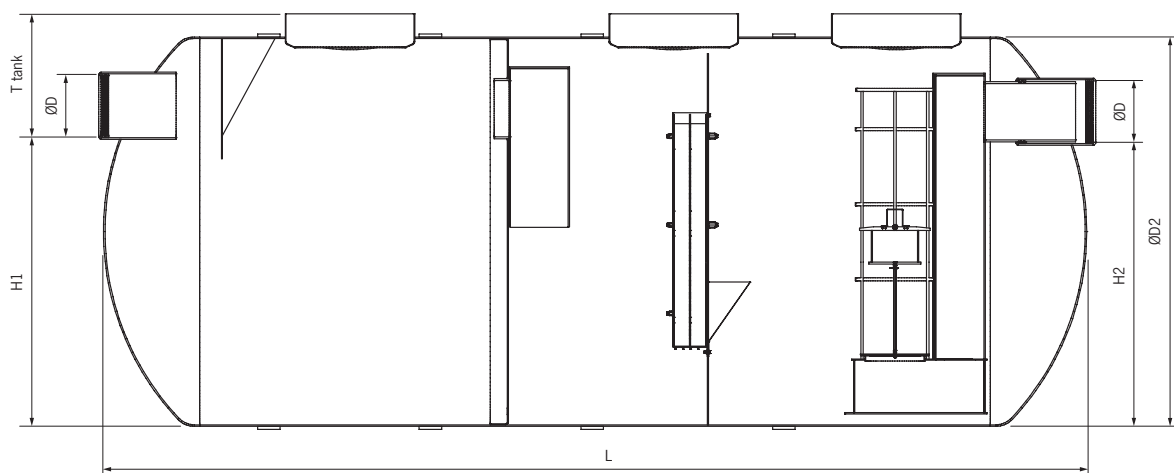
Nominal size	Inlet/outlet DN/OD [mm]	Volume			Weight [kg]	Item number
		Sludge trap [l]	Oil storage [l]	Total capacity [l]		
65	300	6500	5500	20796	1750	<b>12850.01</b>
80	400	8000	5500	22245	1850	<b>12851.01</b>
100	400	10 000	5500	24244	2050	<b>12852.01</b>





**Dimensions**

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Nominal size	Item number	Dimension						ACO Belt *	Quantity of Top Sections	
		H1 [mm]	H2 [mm]	ØD1 [mm]	ØD2 [mm]	T tank [mm]	L [mm]		[DN 600]	[DN 800]
65	<b>12850.01</b>	1910	1870	2570	2590	835	5700	6	2	1
80	<b>12851.01</b>	1910	1870	2570	2590	835	6057	6	2	1
100	<b>12852.01</b>	1910	1870	2570	2590	835	6540	7	2	1

\* Use in case of occurrence groundwater

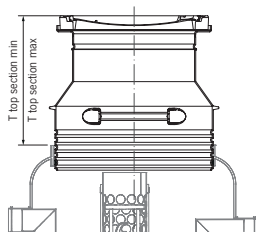
**Top sections for Light oil separators**

**Top section 1 - load class A 15 / DN 600**

**Order information**

**ACO Product benefits**

- Load class A 15 according to EN 124
- Frame from concrete, cover from cast iron
- Clear opening Ø 600 mm
- Cover odour proof sealed
- Raising tube from polyethylene
- For Oleopator G - FST NS 3 - 30



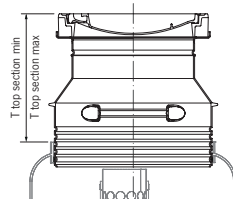
T top section (min-max)* [mm]	Manhole cover [mm]	Weight [kg]	Item number
520-640	Ø 600	94	3301.34.01
520-1090	Ø 600	103	3301.34.02
520-1690	Ø 600	113	3301.34.03

**Top section 2 - load class B 125 / DN 600**

**Order information**

**ACO Product benefits**

- Load class B 125 according to EN 124
- BEGU cover
- Clear opening Ø 600 mm
- Cover odour proof sealed
- Raising tube from polyethylene
- For Oleopator G - FST NS 3 - 30



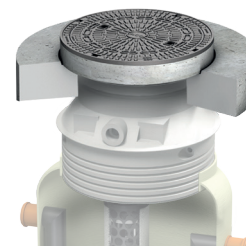
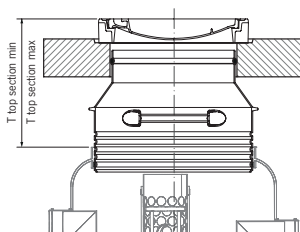
T top section (min-max)* [mm]	Manhole cover [mm]	Weight [kg]	Item number
550-670	Ø 600	80	3301.35.01
550-1120	Ø 600	88	3301.35.02
550-1720	Ø 600	99	3301.35.03

### Top section 3 - load class D 400 / DN 600

#### Order information

##### ACO Product benefits

- Load class D 400 according to EN 124
- BEGU cover
- Clear opening Ø 600 mm
- Cover odour proof sealed
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete
- For Oleopator G - FST NS 40 - 50



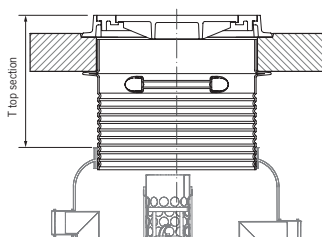
T top section (min-max)* [mm]	Manhole cover [mm]	Weight [kg]	Item number
550-680	Ø 600	814	3301.35.98
550-1130	Ø 600	822	3301.35.99
550-1730	Ø 600	834	3301.36.00
550-680 (without load distribution plate)	Ø 600	85	3301.36.98
550-1130 (without load distribution plate)	Ø 600	93	3301.36.99
550-1730 (without load distribution plate)	Ø 600	105	3301.37.00

### Top section 4 - load class D 400 / DN 800

#### Order information

##### ACO Product benefits

- Load class D 400 according to EN 124
- Cover from cast iron
- Clear opening Ø 800 mm
- Cover odour proof sealed
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete
- For Oleopator G - FST NS 40 - 50



T top section [mm] (min)*	Manhole cover [mm]	Weight [kg]	Item number
550-1730	Ø 800	272	418905
550-1730 (without load distribution plate)	Ø 800	991	418906

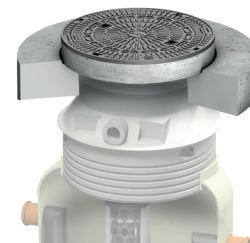
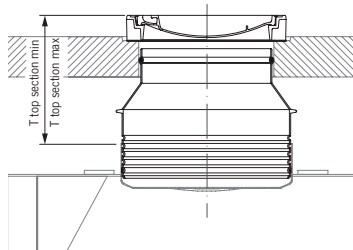
**Top sections for Light oil separators**

**Top section 5 - load class D 400 / DN 600**

**Order information**

**ACO Product benefits**

- Load class D 400 according to EN 124
- BEGU cover
- Clear opening Ø 600 mm
- Cover odour proof sealed
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete
- For Oleopator G H - FST NS 65 - 100



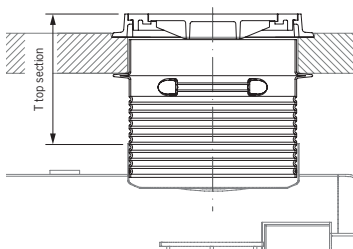
T top section (min-max)* [mm]	Manhole cover [mm]	Weight [kg]	Item number
550-680 (without load distribution plate)	Ø 600	85	3301.36.98
550-1130 (without load distribution plate)	Ø 600	93	3301.36.99
550-1730 (without load distribution plate)	Ø 600	105	3301.37.00

**Top section 6 - load class D 400 / DN 800**

**Order information**

**ACO Product benefits**




- Load class D 400 according to EN 124
- Cover from cast iron
- Clear opening Ø 800 mm
- Cover odour proof sealed
- Raising tube from polyethylene
- Selectively with load distribution plate from concrete
- For Oleopator G H - FST NS 65 - 100



T top section [mm] (min)*	Manhole cover [mm]	Weight [kg]	Item number
550-1730 (without load distribution plate)	Ø 800	991	418906




Accessories for Light oil separators

Order information

	Product description	Model	Item number
	<p><b>Sampling shaft</b></p> <ul style="list-style-type: none"> <li>■ From polyethylene</li> <li>■ Diameter 450 mm</li> <li>■ For below ground installations</li> <li>■ Downstream grease separators/starch separators</li> <li>■ Cast iron/concrete cover for load class B 125</li> <li>■ Odour proof</li> </ul>	<p>DN 100, with 160 mm gradient                  DN 100, with 30 mm gradient                  DN 150, with 160 mm gradient                  DN 150, with 75 mm gradient</p>	<p>3300.13.10                  3300.13.11                  3300.13.20                  3300.13.21</p>
	<p><b>Sampling shaft with load distribution plate</b></p> <ul style="list-style-type: none"> <li>■ From polyethylene</li> <li>■ Diameter 450 mm</li> <li>■ For below ground installations</li> <li>■ Downstream grease separators/starch separators</li> <li>■ Cast iron/concrete cover for load class D 400</li> <li>■ Odour proof</li> </ul>	<p>DN 100, with 160 mm gradient                  DN 100, with 30 mm gradient                  DN 150, with 160 mm gradient                  DN 150, with 75 mm gradient</p>	<p>3300.13.15                  3300.13.16                  3300.13.25                  3300.13.26</p>
	<p><b>Extension element</b></p> <ul style="list-style-type: none"> <li>■ From polyethylene</li> <li>■ For install aforementioned sampling shaft as a deeper position installations</li> <li>■ Extension height 100 to 650 mm</li> <li>■ Can be shortened at 45 mm intervals by cutting at the cutting marks</li> </ul>		<p>3300.13.00</p>

**Accessories for Light oil separators**

**Order information**

	<b>Product description</b>	<b>Model</b>	<b>Item number</b>
	<p><b>Sampling equipment</b></p> <ul style="list-style-type: none"> <li>■ Light liquid separators for below ground installation</li> <li>■ Sampling equipment consisting of manual pump and suction coupling, connecting hose and suction coupling and bolt connection</li> </ul> <p>Suitable for inlet invert maximum T = 3 000 mm</p>		<b>701246</b>
	<p><b>Sealing ring</b></p> <ul style="list-style-type: none"> <li>■ For ventilation connection</li> </ul>		<b>M00295</b>
	<p><b>ACO Belt 120 SS</b></p> <ul style="list-style-type: none"> <li>■ Load strap: Polyester</li> <li>■ Tensioner and hooks: Stainless steel</li> </ul>	<ul style="list-style-type: none"> <li>■ 12 m</li> </ul>	<b>2565.270</b>



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