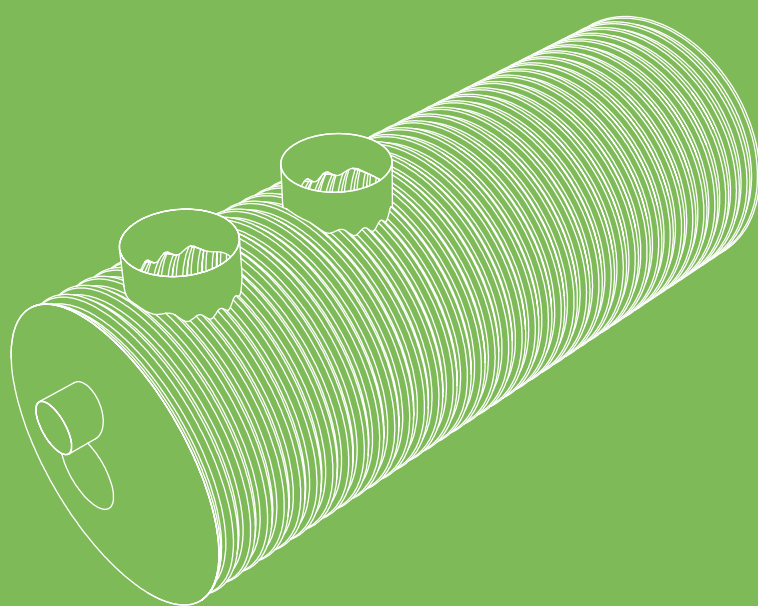




ENVIA TNS

STORAGE TANKS

INFILTRATION

PUMPING STATIONS

GREASE SEPARATORS

OIL SEPARATORS



OIL SEPARATOR – ENVIA TNS

The ENVIA TNS family is developed by combining the steel tank and concrete oil separator's major advantages and best features. The steel ENVIA TNS's weight is only 10% of that of a same sized concrete equipment with an 80 l/s separation capacity – (concrete separator weighs 19-20 tons, while steel plant is only 1.2 tons). The weight of the equipment and the size makes transportation and installation simpler, easier.

The benefits of the concrete over the polyethylene oil separator that was retained in the ENVIA TNS ; it is easier to install, and immediately after the installation it is loadable and does not require a weight splitter.

The PURECO product range has showcased several concrete and polyethylene separators for a long time. We have found in recent years that small construction firms prefer plastic tank equipment, because they are not required to use 10+ tons of cranes for the mounting. Unloading and building in is possible with an excavator at a lot less cost.

- Lightweight and durable
- Wide capacity range: 2-300 l/s
- 2 and 5 mg/l FOG
- Zinc epoxy protection

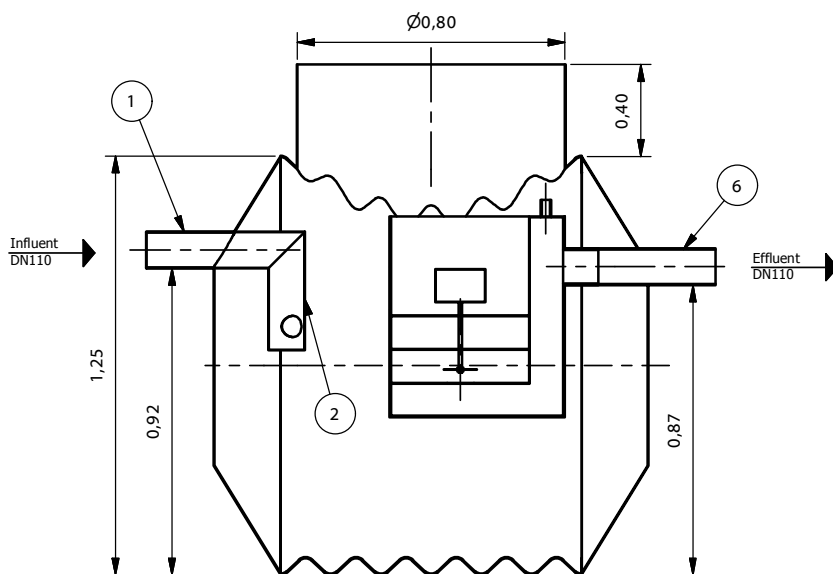


OIL SEPARATOR – ENVIA TNS PRODUCT RANGE

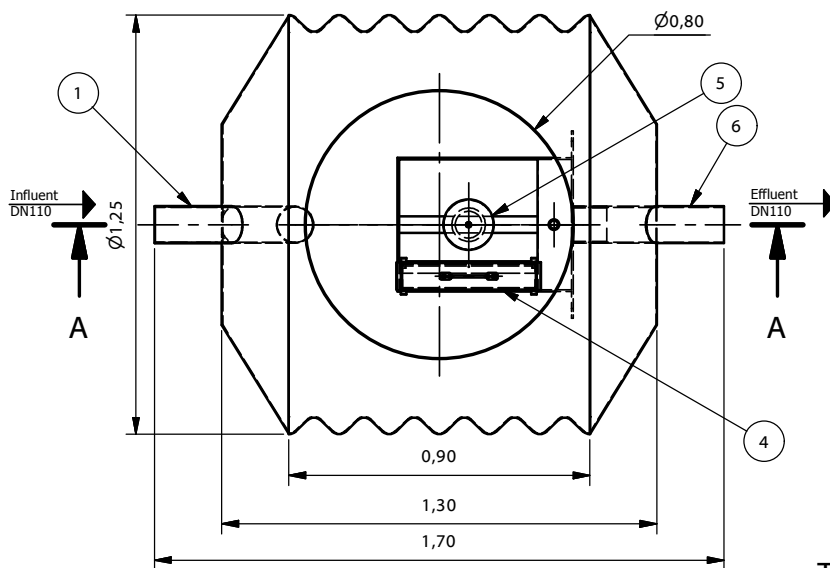
Name	Capacity	Effeciency	Sludge trap	Diameter	Length	Weight
ENVIA TNS 2-5-A	2 l/s	5 mg/l	100x	1.2 m	0.9 m	181 kg
ENVIA TNS 4-5-A	4 l/s	5 mg/l	100x	1.2 m	0.9 m	181 kg
ENVIA TNS 6-5-A	6 l/s	5 mg/l	100x	1.2 m	0.9 m	196 kg
ENVIA TNS 10-5-A	10 l/s	5 mg/l	100x	1.2 m	1.5 m	262 kg
ENVIA TNS 15-5-A	15 l/s	5 mg/l	100x	1.4 m	2 m	407 kg
ENVIA TNS 20-5-A	20 l/s	5 mg/l	100x	1.4 m	2.7 m	495 kg
ENVIA TNS 25-5-A	25 l/s	5 mg/l	100x	1.6 m	2.1 m	465 kg
ENVIA TNS 30-5-A	30 l/s	5 mg/l	100x	1.6 m	2.5 m	530 kg
ENVIA TNS 40-5-A	40 l/s	5 mg/l	100x	2 m	2 m	800 kg
ENVIA TNS 50-5-A	50 l/s	5 mg/l	100x	2 m	2.7 m	800 kg
ENVIA TNS 65-5-A	65 l/s	5 mg/l	100x	2 m	3.5 m	950 kg
ENVIA TNS 80-5-A	80 l/s	5 mg/l	100x	2.3 m	3.5 m	1,184 kg
ENVIA TNS 100-5-A	100 l/s	5 mg/l	100x	2.3 m	4 m	1,300 kg
ENVIA TNS 125-5-A	125 l/s	5 mg/l	100x	2.3 m	4.7 m	1,480 kg
ENVIA TNS 150-5-A	150 l/s	5 mg/l	100x	2.3 m	5.7 m	1,695 kg
ENVIA TNS 200-5-A	200 l/s	5 mg/l	100x	2.9 m	7 m	2,985 kg
ENVIA TNS 250-5-A	250 l/s	5 mg/l	100x	2.9 m	8 m	2,985 kg
ENVIA TNS 300-5-A	300 l/s	5 mg/l	100x	2.9 m	10 m	3,520 kg

Name	Capacity	Effeciency	Sludge trap	Diameter	Length	Weight
ENVIA TNS 2-2-A	2 l/s	2 mg/l	100x	1.2 m	1.6 m	294 kg
ENVIA TNS 4-2-A	4 l/s	2 mg/l	100x	1.2 m	1.6 m	294 kg
ENVIA TNS 6-2-A	6 l/s	2 mg/l	100x	1.2 m	1.7 m	315 kg
ENVIA TNS 10-2-A	10 l/s	2 mg/l	100x	1.2 m	2.3 m	380 kg
ENVIA TNS 15-2-A	15 l/s	2 mg/l	100x	1.4 m	2.5 m	540 kg
ENVIA TNS 20-2-A	20 l/s	2 mg/l	100x	1.4 m	3 m	600 kg
ENVIA TNS 25-2-A	25 l/s	2 mg/l	100x	1.6 m	2 m	510 kg
ENVIA TNS 30-2-A	30 l/s	2 mg/l	100x	1.6 m	2.5 m	600 kg
ENVIA TNS 40-2-A	40 l/s	2 mg/l	100x	2 m	2.3 m	804 kg
ENVIA TNS 50-2-A	50 l/s	2 mg/l	100x	2 m	3 m	930 kg
ENVIA TNS 65-2-A	65 l/s	2 mg/l	100x	2 m	3.5 m	1,010 kg
ENVIA TNS 80-2-A	80 l/s	2 mg/l	100x	2.3 m	3.5 m	1,300 kg
ENVIA TNS 100-2-A	100 l/s	2 mg/l	100x	2.3 m	4 m	1,400 kg
ENVIA TNS 125-2-A	125 l/s	2 mg/l	100x	2.3 m	5 m	1,610 kg
ENVIA TNS 150-2-A	150 l/s	2 mg/l	100x	2.3 m	6 m	1,830 kg
ENVIA TNS 200-2-A	200 l/s	2 mg/l	100x	2.9 m	6.5 m	2,985 kg
ENVIA TNS 250-2-A	250 l/s	2 mg/l	100x	2.9 m	8.2 m	3,145 kg
ENVIA TNS 300-2-A	300 l/s	2 mg/l	100x	2.9 m	10 m	3,625 kg

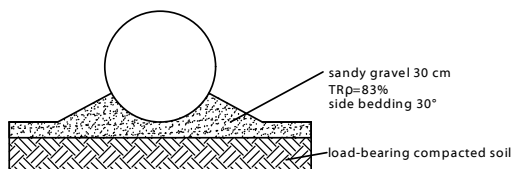
A-A (1 : 20)



Top View (1 : 20)



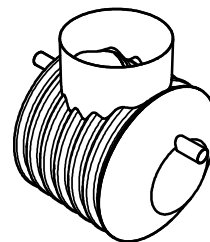
RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

TNS 2-5-A (1 : 50)



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

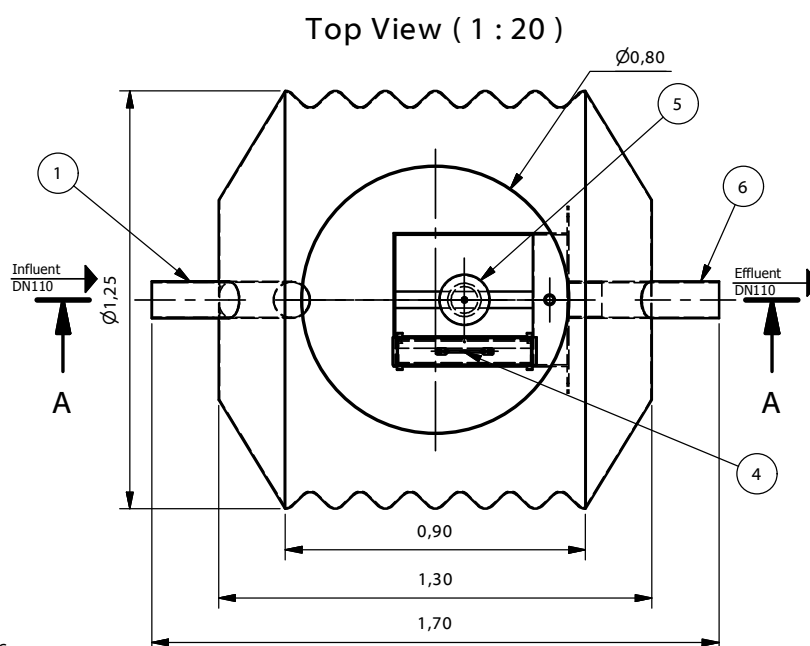
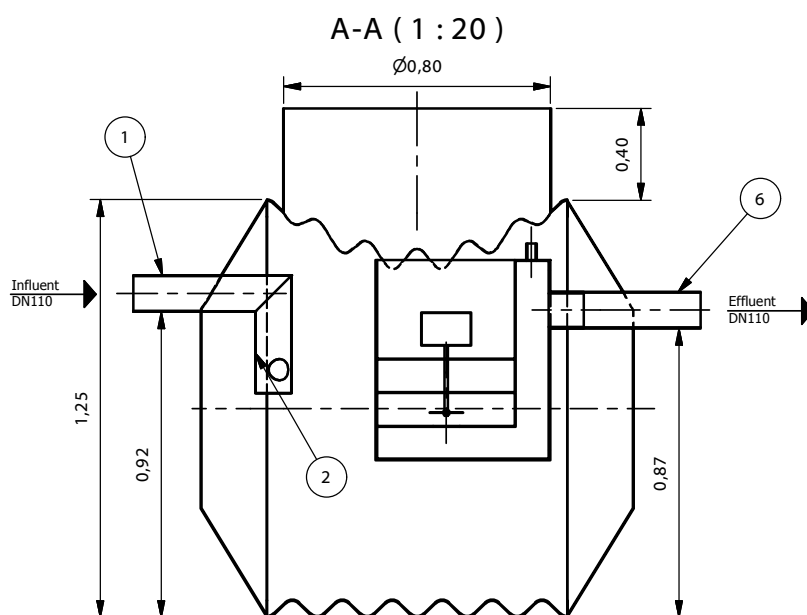
TYP:

TNS 2-5-A

Informational drawing

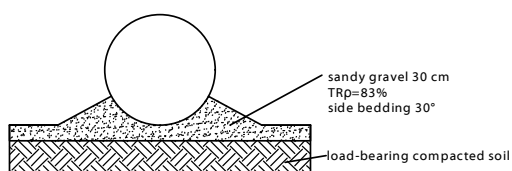
M= 1:20

Cleaning capacity:	2	l/s
Total flow:	2	l/s
Efficiency:	5	mg/l FOG
Total weight:	181	kg



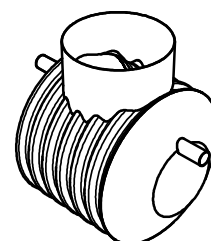
TNS 4-5-A (1 : 50)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

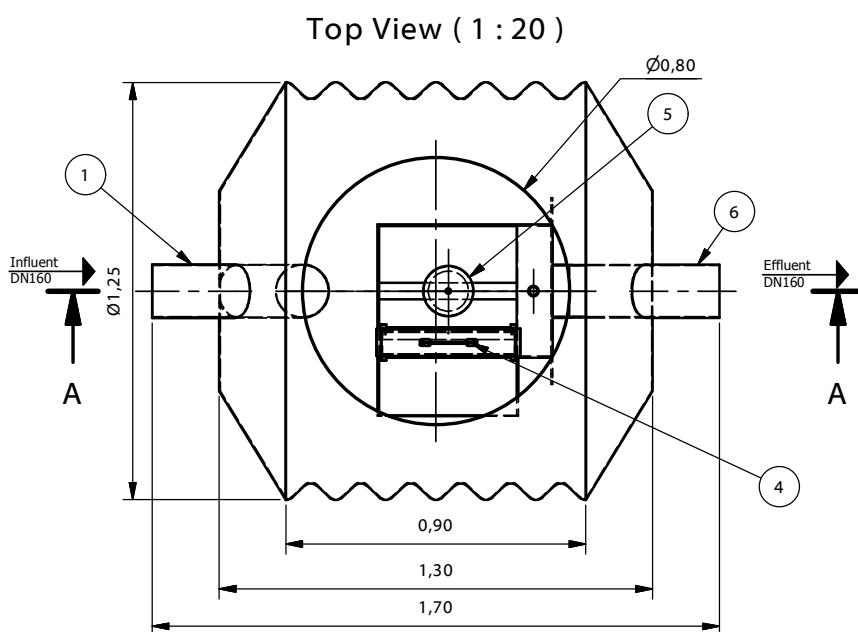
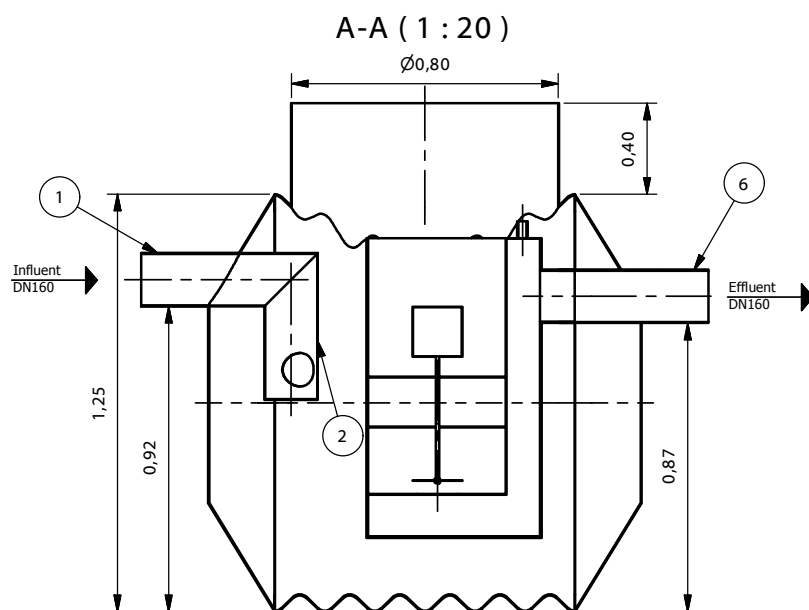
TYP:

TNS 4-5-A

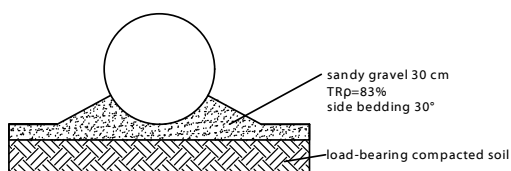
Informational drawing

M = 1:20

Cleaning capacity:	4	l/s
Total flow:	4	l/s
Efficiency:	5	mg/l FOG
Total weight:	181	kg



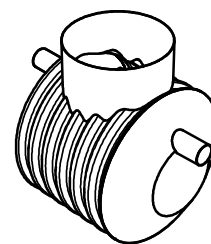
RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

TNS 6-5-A (1 : 50)



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

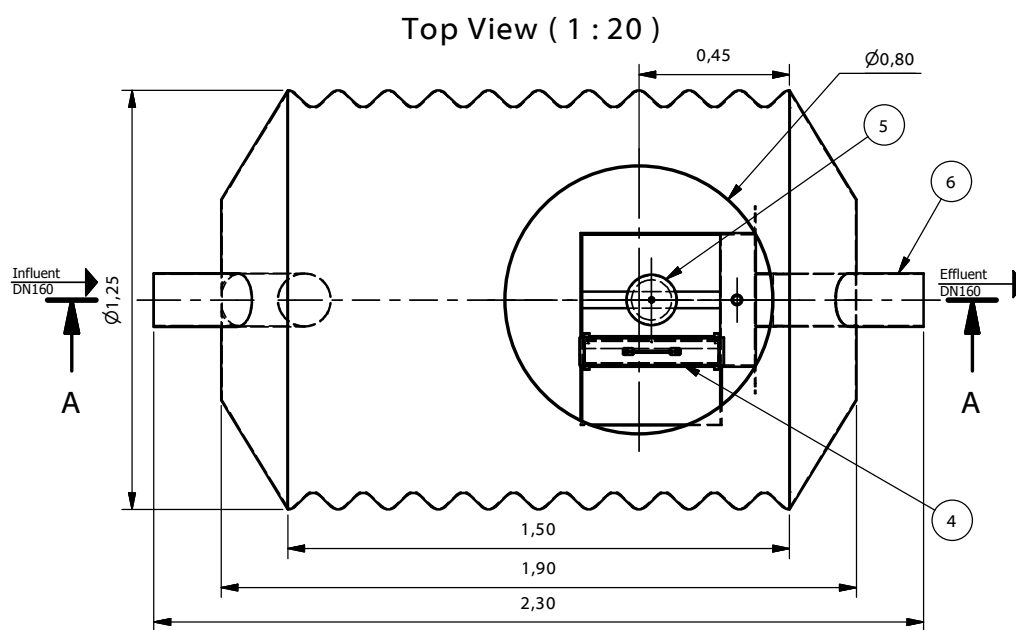
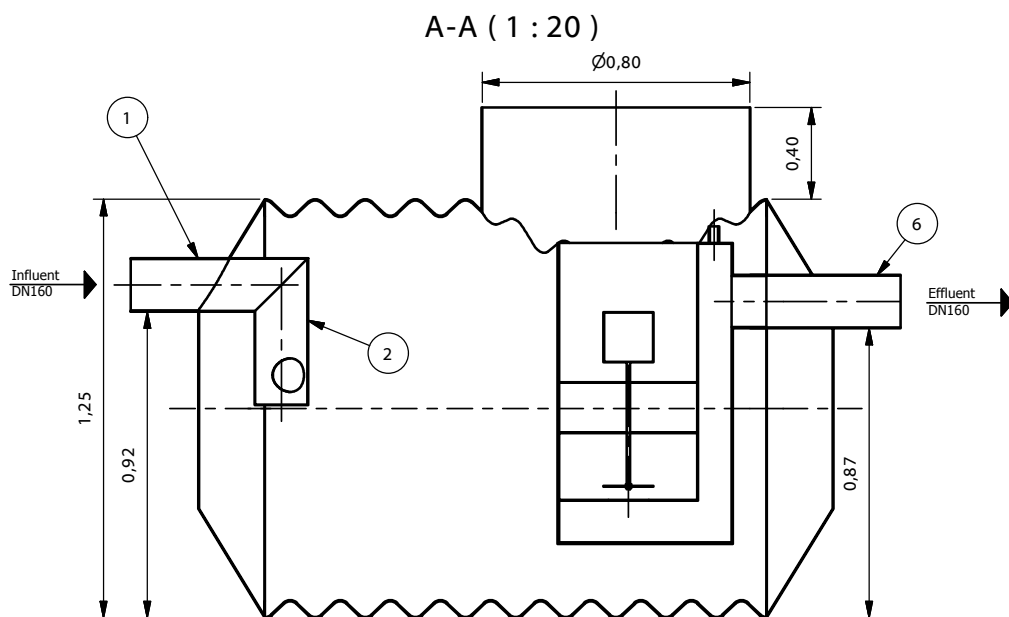
TYP:

TNS 6-5-A

Informational drawing

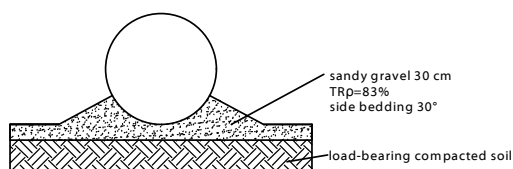
M= 1:20

Cleaning capacity:	6	l/s
Total flow:	6	l/s
Efficiency:	5	mg/l FOG
Total weight:	196	kg



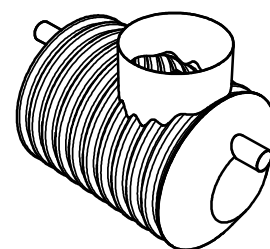
TNS 10-5-A
(1 : 50)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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TYP:

ENVIA TNS Oil- and light liquid separator in corrugated steel tank

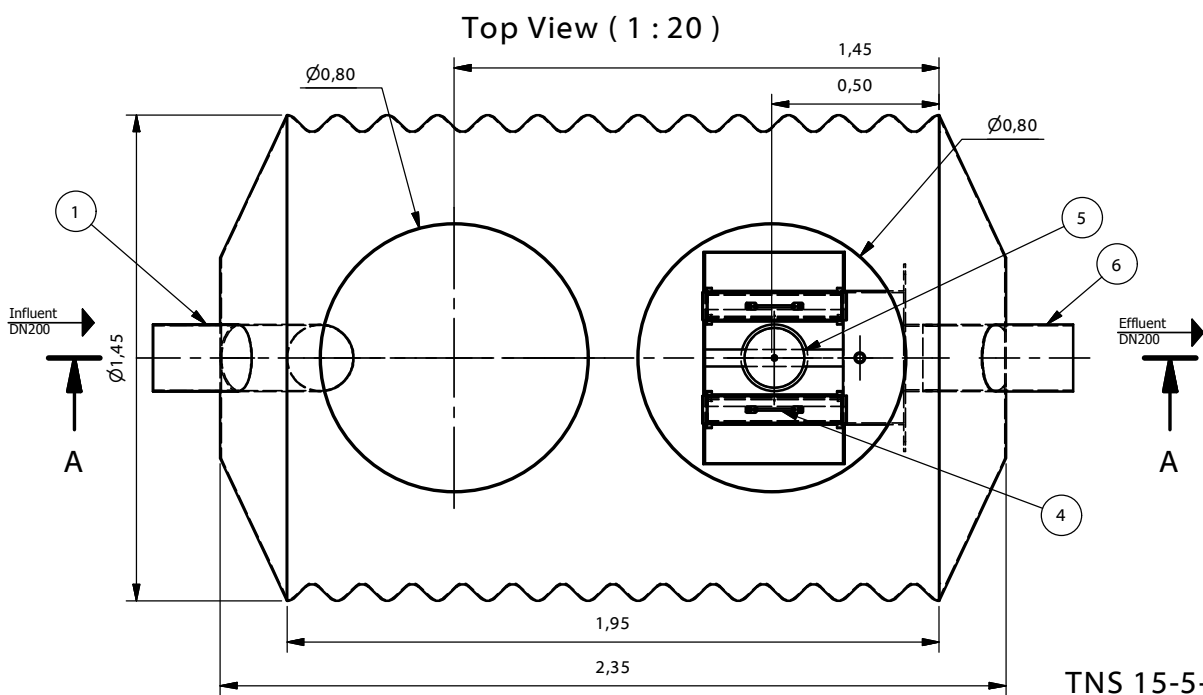
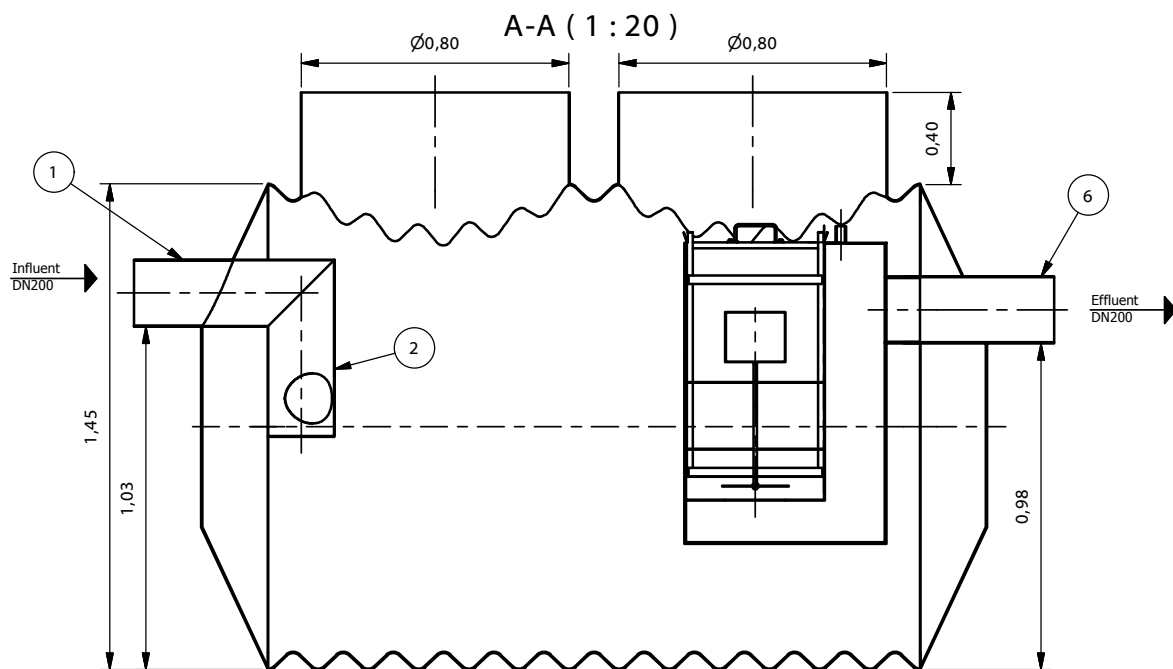
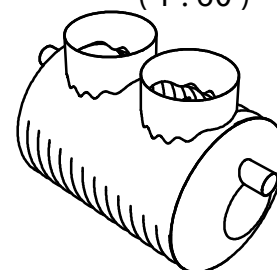
TNS 10-5-A

Informational drawing

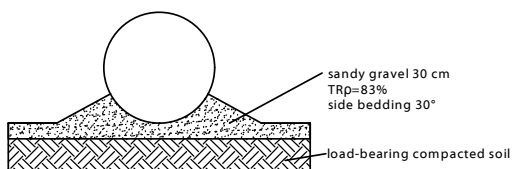
www.pureco.hu

M= 1:20

Cleaning capacity:	10	l/s
Total flow:	10	l/s
Efficiency:	5	mg/l FOG
Total weight:	262	kg

TNS 15-5-A
(1:60)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

TYP:

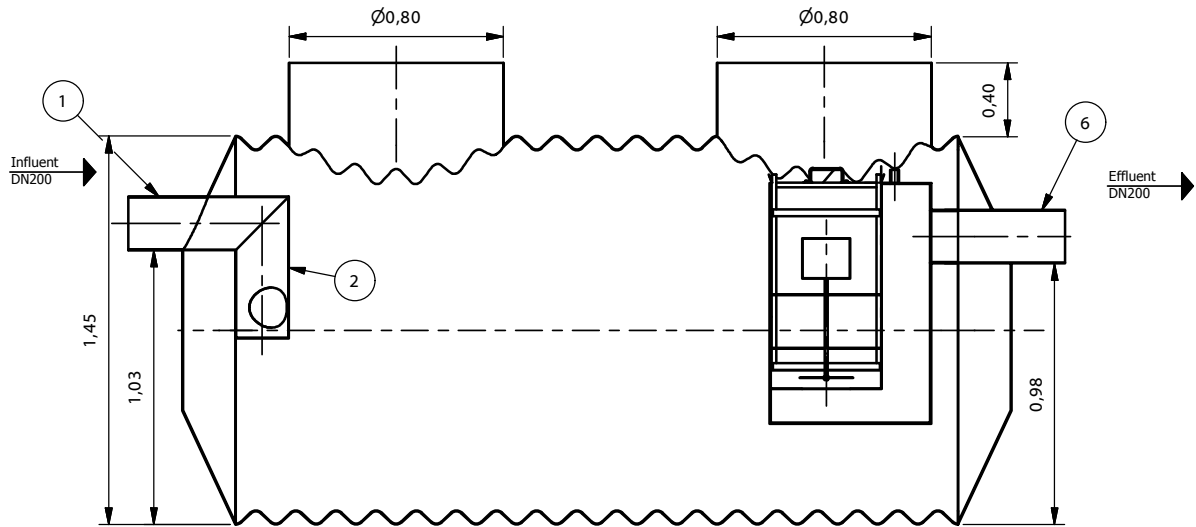
TNS 15-5-A

Informational drawing

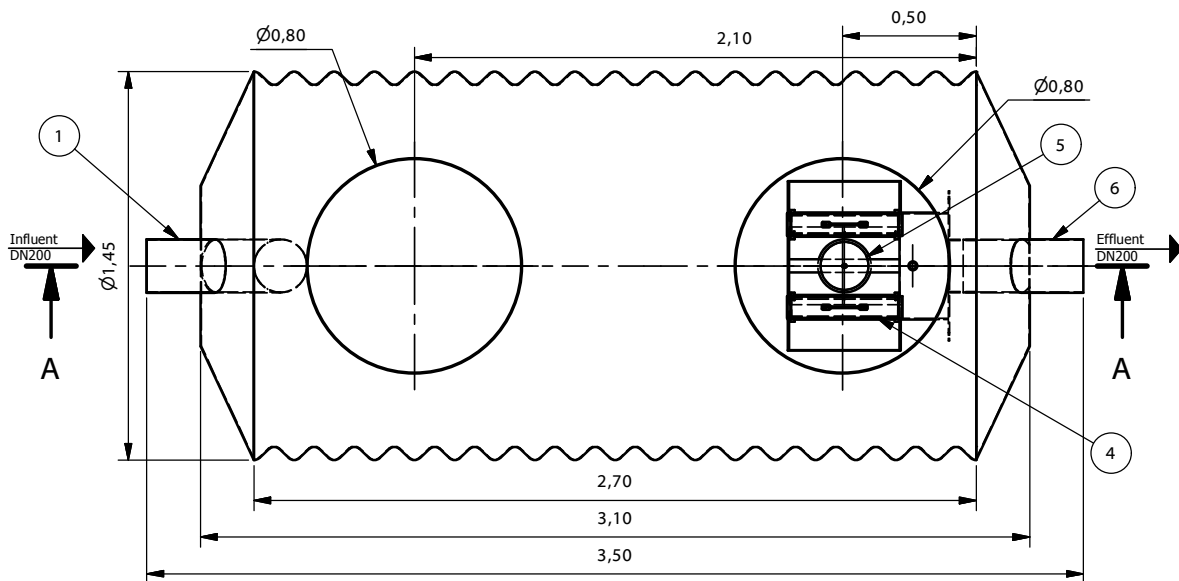
M= 1:20

Cleaning capacity:	15	l/s
Total flow:	15	l/s
Efficiency:	5	mg/l FOG
Total weight:	407	kg

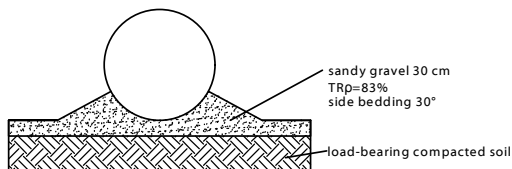
A-A (1 : 25)



Top View (1 : 25)

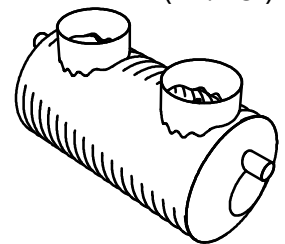


RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

TNS 20-5-A
(1 : 75)

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TYP:

TNS 20-5-A

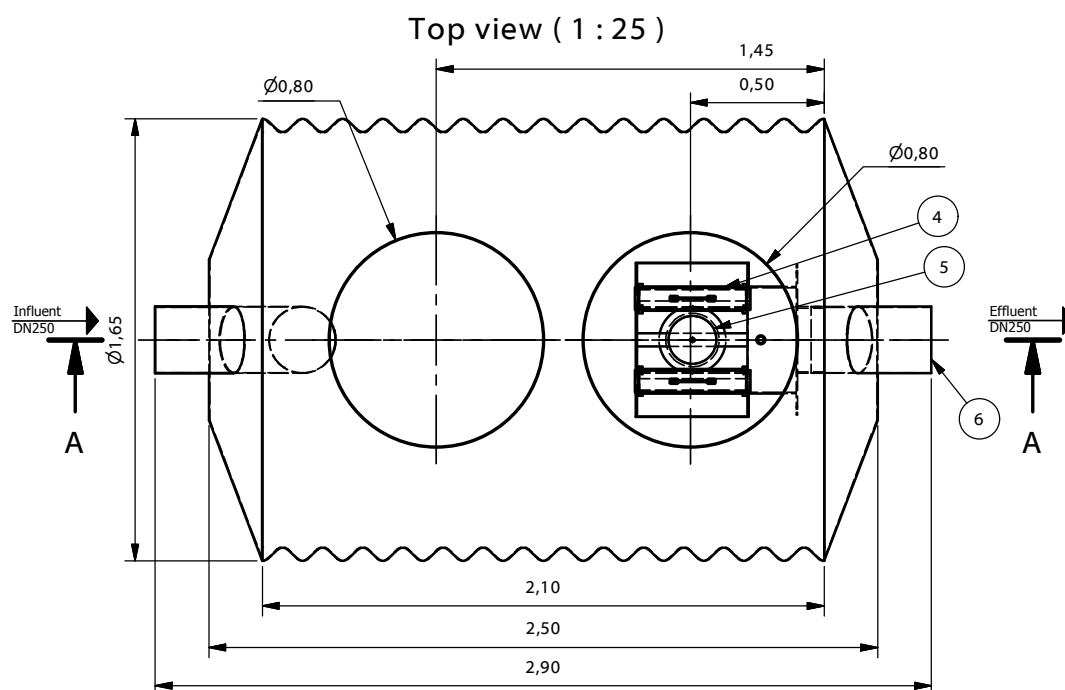
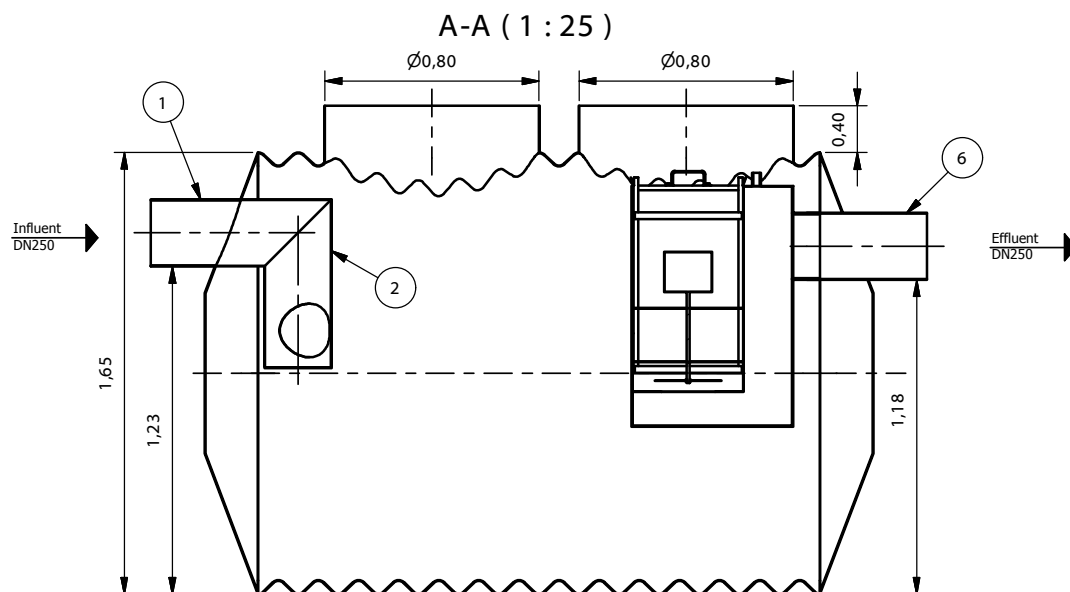
Informational drawing

www.pureco.hu

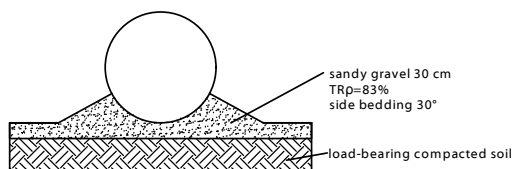
M= 1:25

ENVIA TNS Oil- and light liquid separator in corrugated steel tank

Cleaning capacity:	20	l/s
Total flow:	20	l/s
Efficiency:	5	mg/l FOG
Total weight:	495	kg



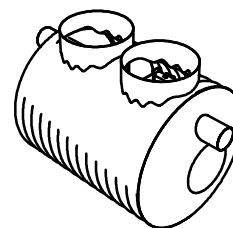
RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

TNS 25-5-A (1 : 75)



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

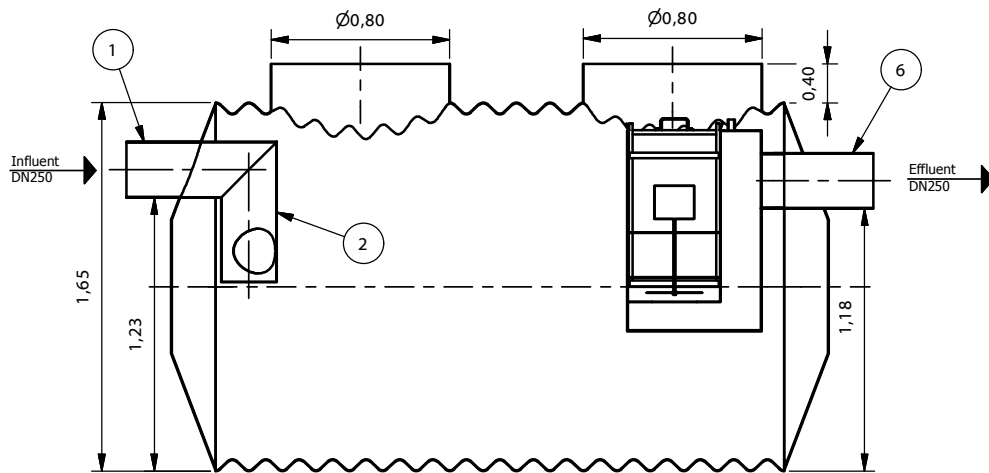
TYP:

TNS 25-5-A
Informational drawing

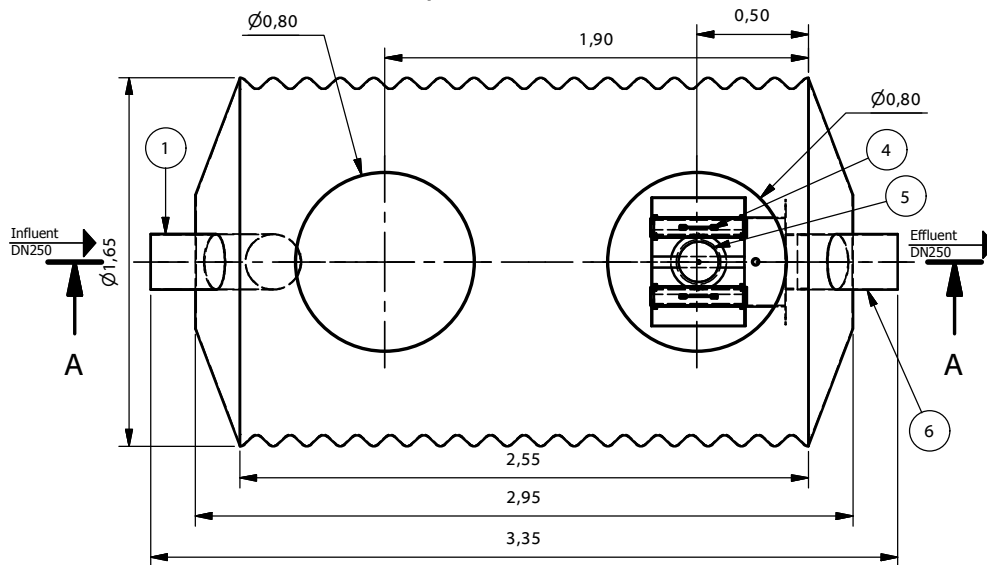
M= 1:25

Cleaning capacity:	25	l/s
Total flow:	25	l/s
Efficiency:	5	mg/l FOG
Total weight:	465	kg

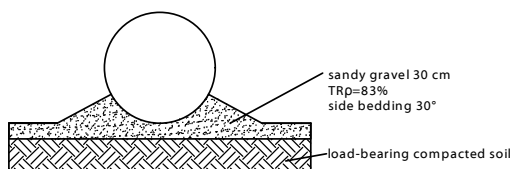
A-A (1 : 30)



Top View (1 : 30)

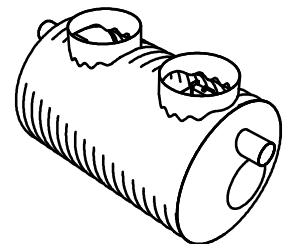
TNS 30-5-A
(1 : 75)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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TYP:

ENVIA TNS Oil- and light liquid separator in corrugated steel tank

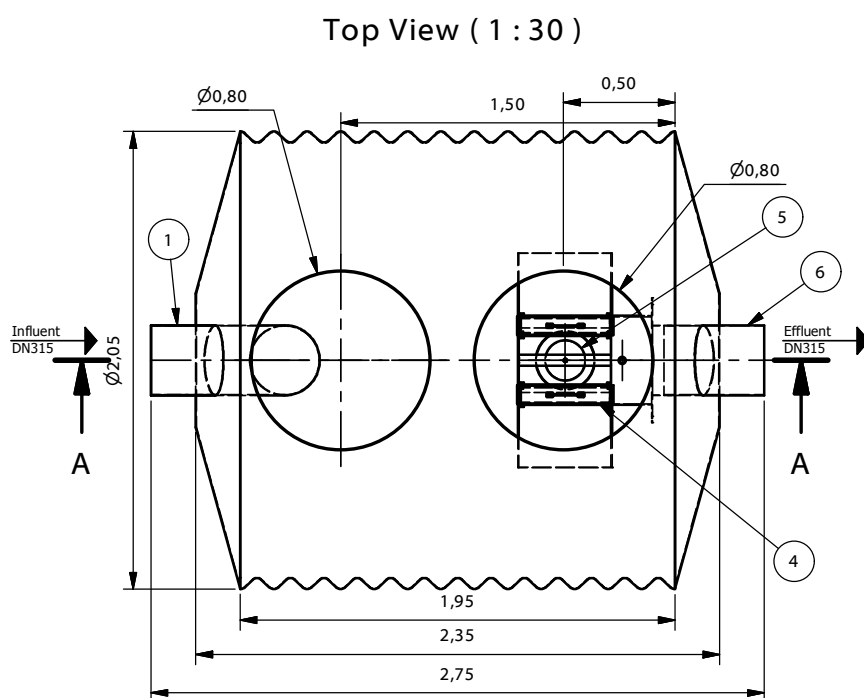
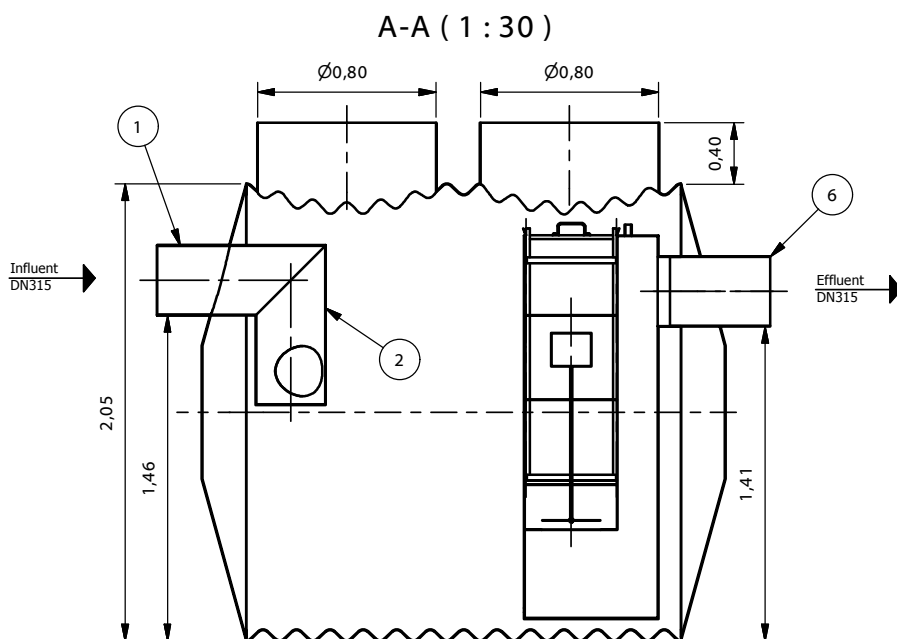
TNS 30-5-A

Informational drawing

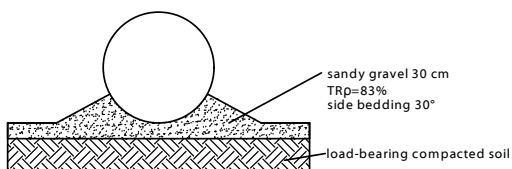
M= 1:30

Cleaning capacity:	30	l/s
Total flow:	30	l/s
Efficiency:	5	mg/l FOG
Total weight:	530	kg

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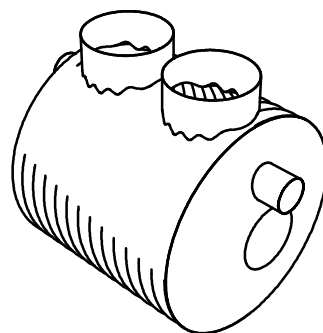
RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

**TNS 40-5-A
(1 : 60)**



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

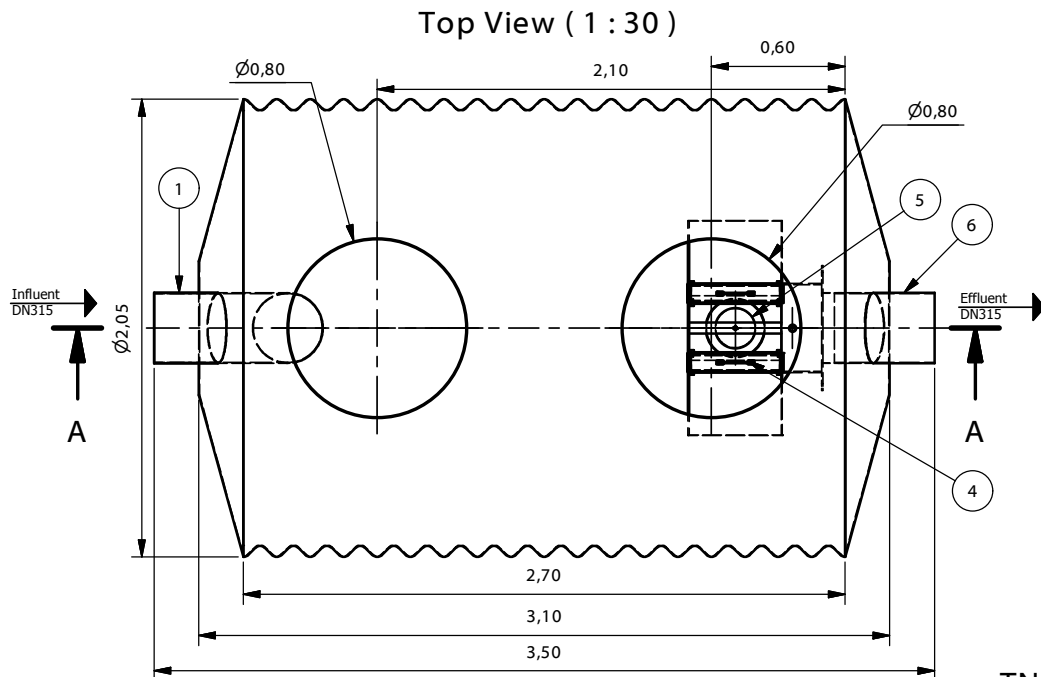
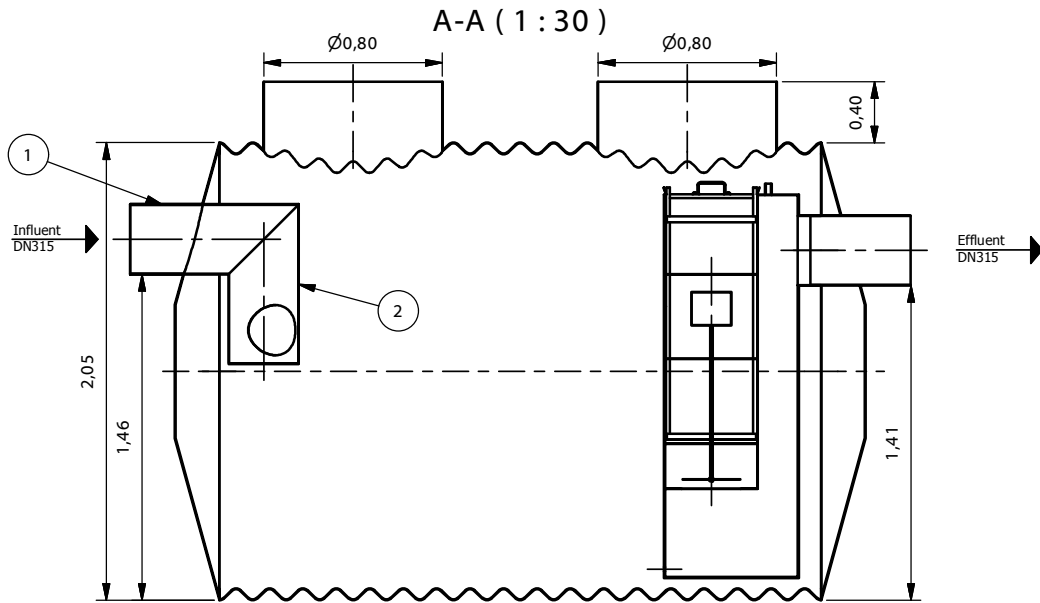
TYP:

TNS 40-5-A

Informational drawing

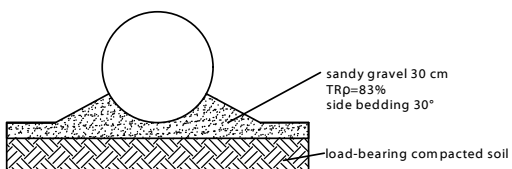
M= 1:30

Cleaning capacity:	40	l/s
Total flow:	40	l/s
Efficiency:	5	mg/l FOG
Total weight:	800	kg



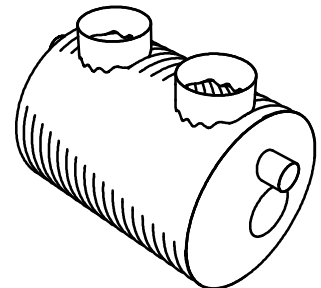
TNS 50-5-A
(1 : 75)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



PURECO
THE PURE ECO

TYP:

ENVIA TNS Oil- and light liquid separator in corrugated steel tank

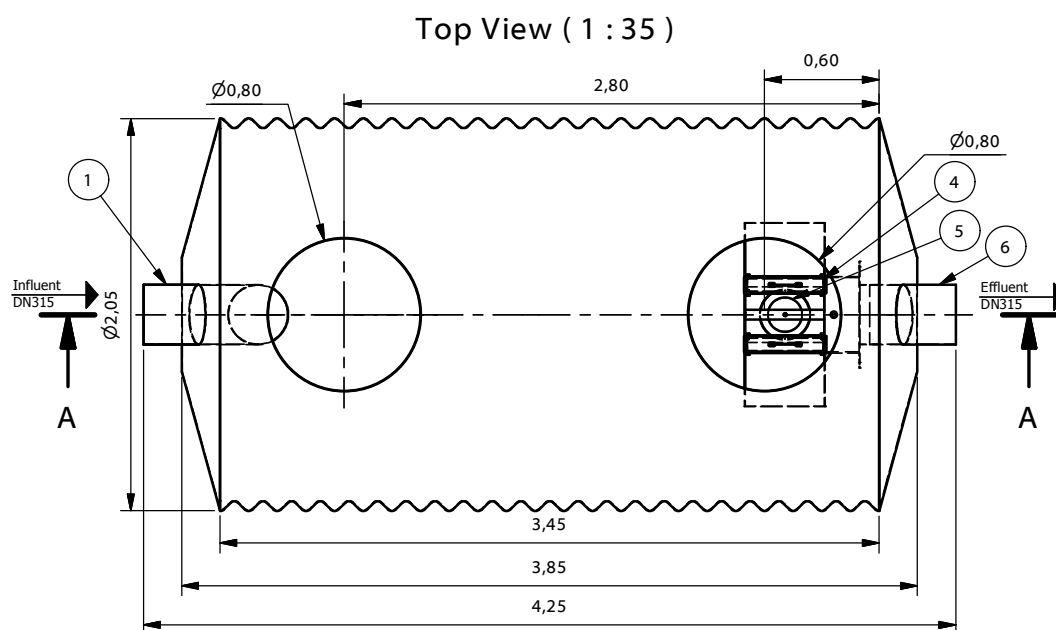
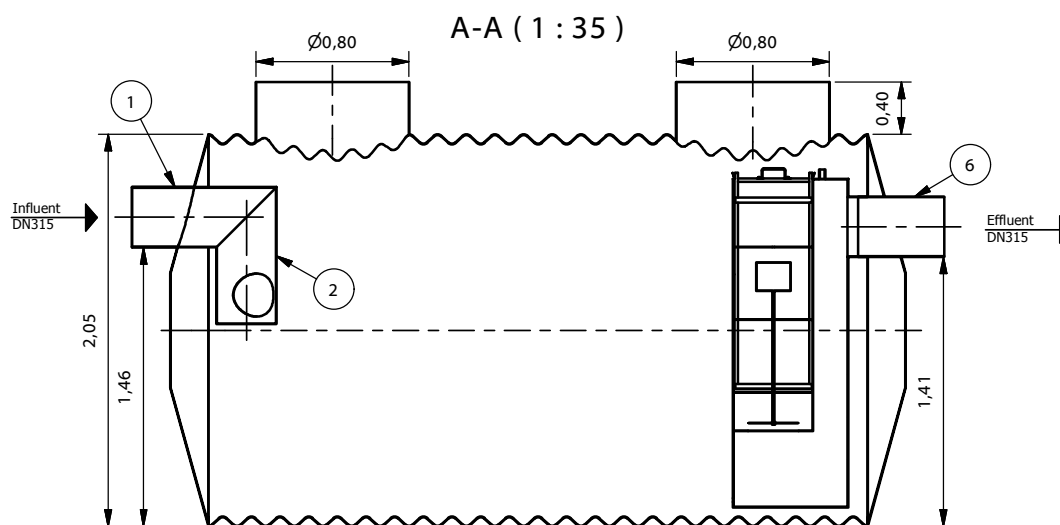
TNS 50-5-A

Informational drawing

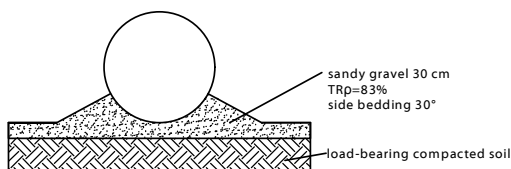
www.pureco.hu

M= 1:30

Cleaning capacity:	50	l/s
Total flow:	50	l/s
Efficiency:	5	mg/l FOG
Total weight:	800	kg



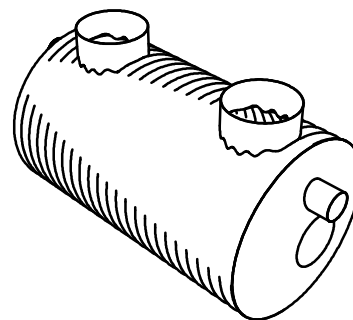
RECOMMENDED BEDDING:



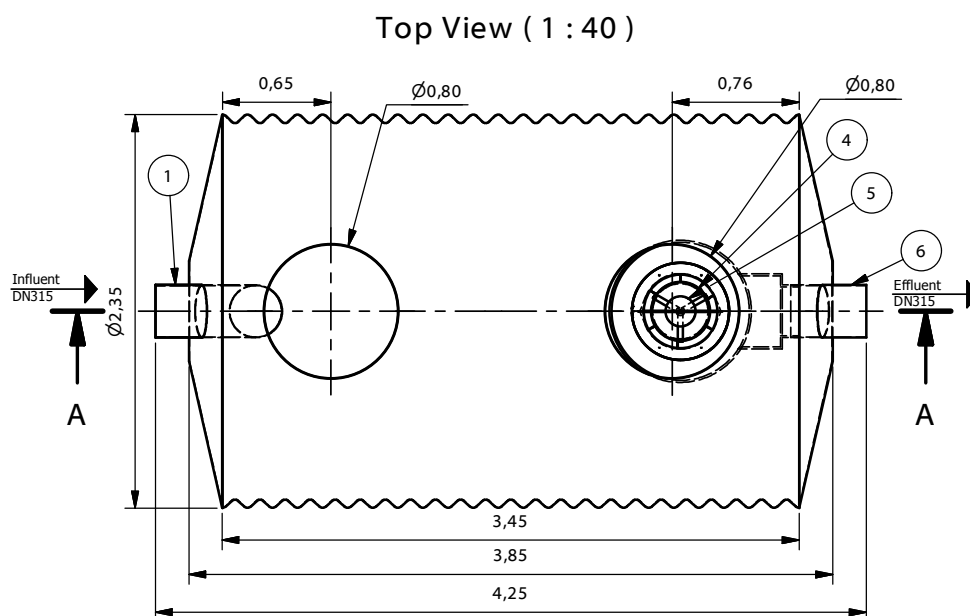
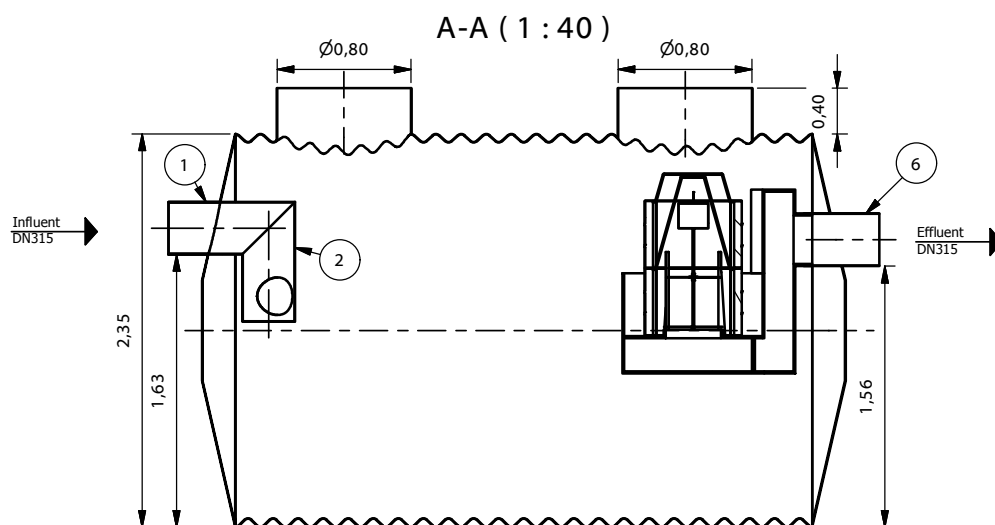
Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

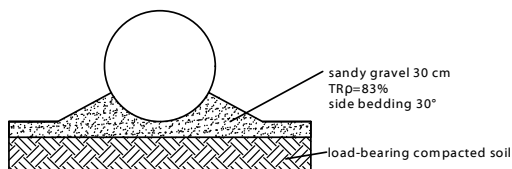
TNS 65-5-A (1 : 75)



Cleaning capacity:	65	l/s
Total flow:	65	l/s
Efficiency:	5	mg/l FOG
Total weight:	950	kg



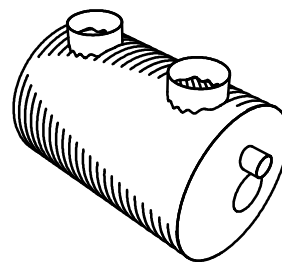
RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

TNS 80-5-A (1 : 100)



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TYP:

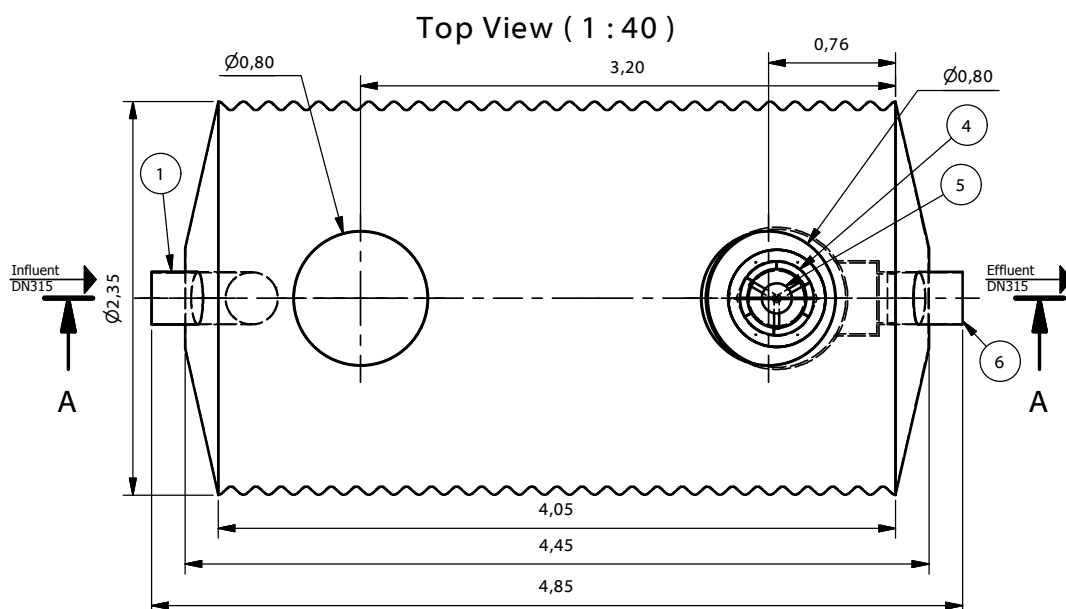
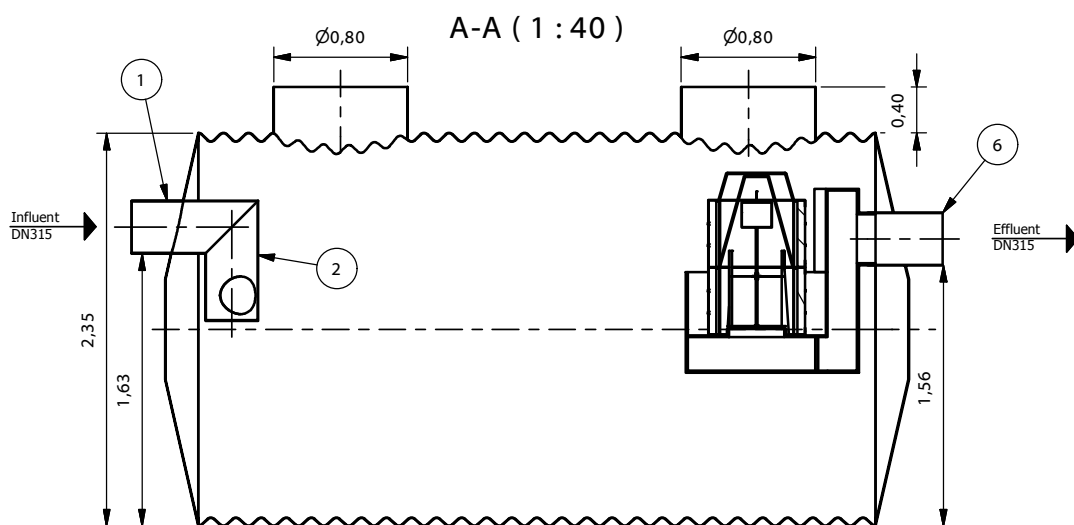
TNS 80-5-A

Informational drawing

M= 1:40

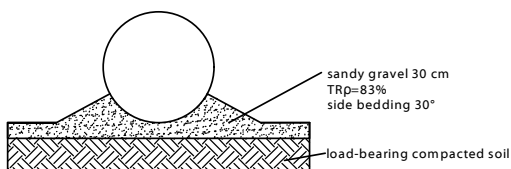
ENVIA TNS Oil- and light liquid separator in corrugated steel tank

Cleaning capacity:	80	l/s
Total flow:	80	l/s
Efficiency:	5	mg/l FOG
Total weight:	1184	kg

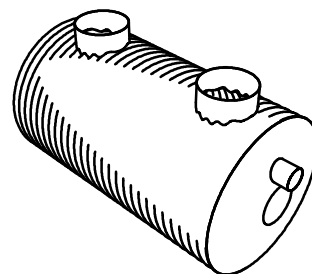


TNS 100-5-A
(1 : 100)

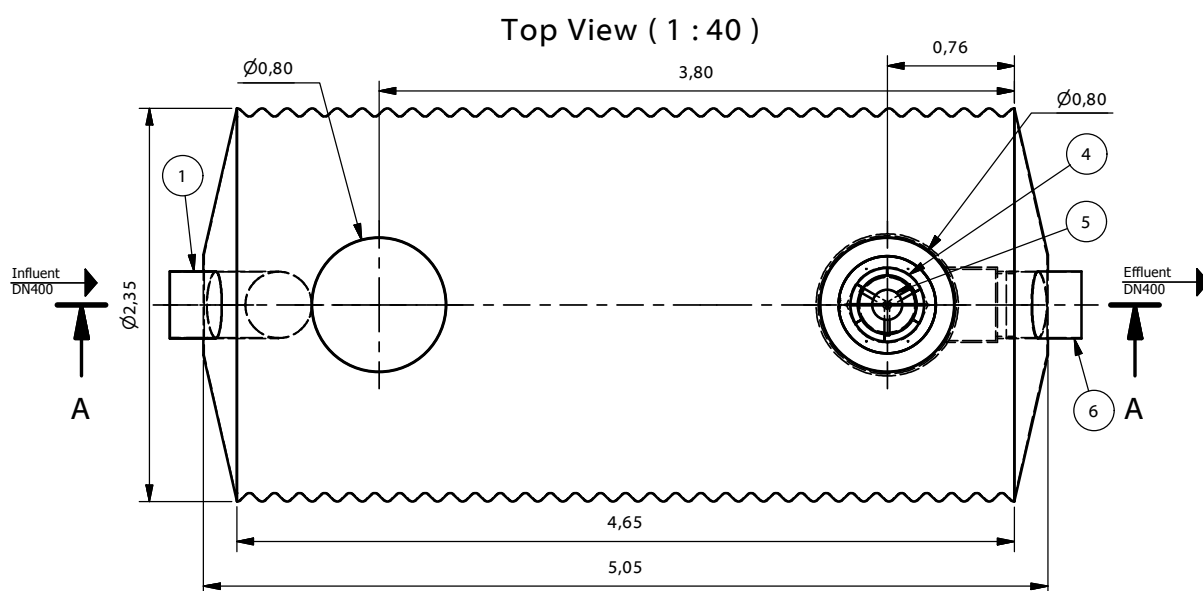
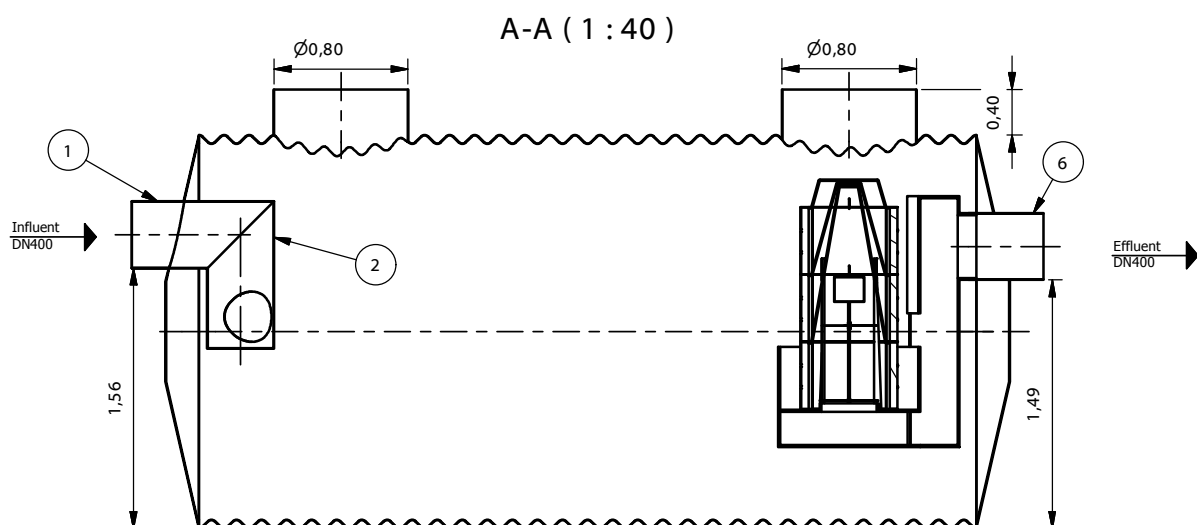
RECOMMENDED BEDDING:



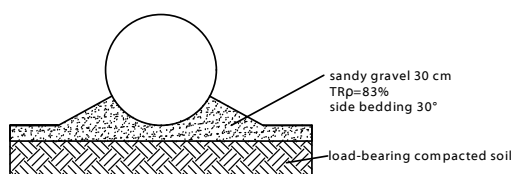
1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



Cleaning capacity:	100	l/s
Total flow:	100	l/s
Efficiency:	5	mg/l FOG
Total weight:	1300	kg



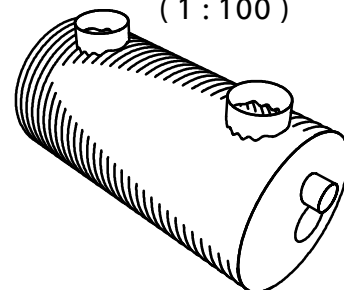
RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

**TNS 125-5-A
(1 : 100)**



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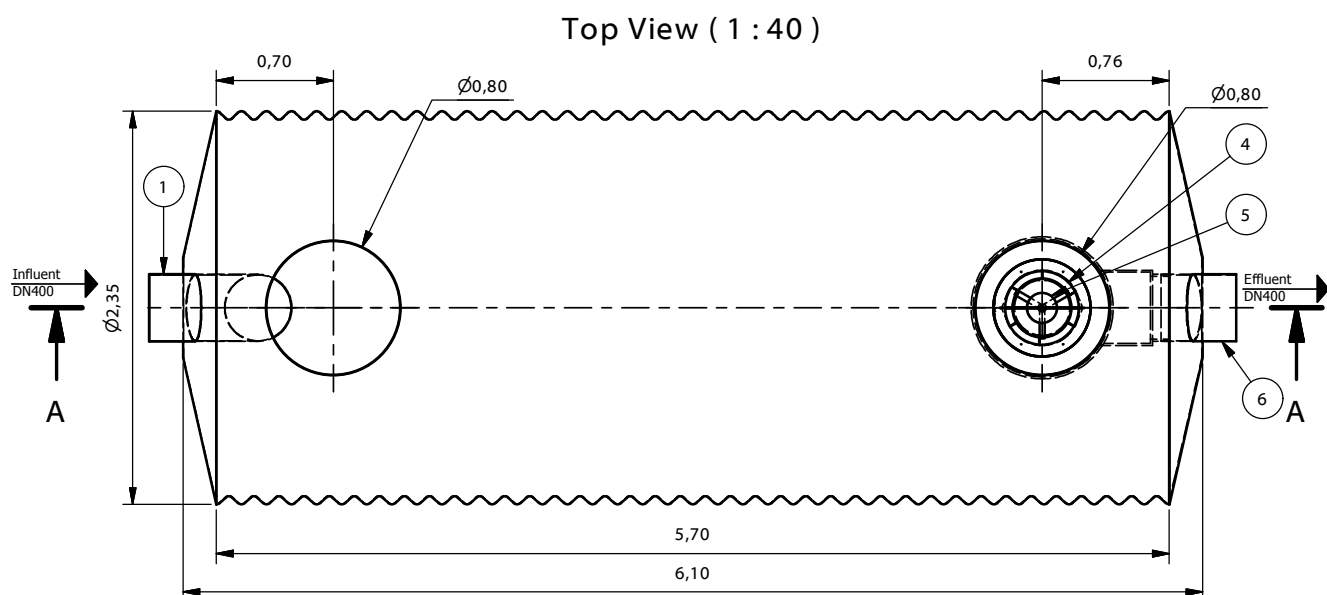
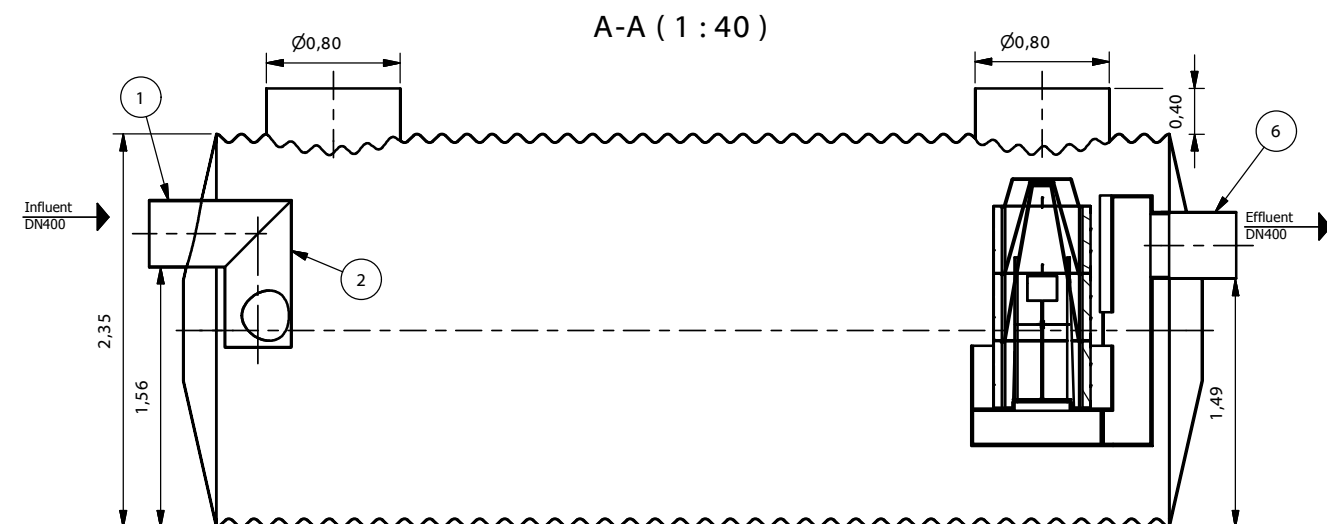
TYP:

ENVIA TNS Oil- and light liquid separator in corrugated steel tank

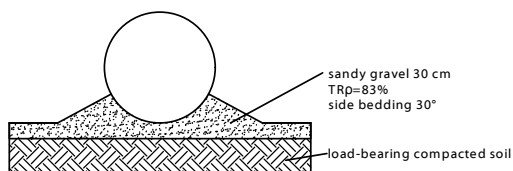
**TNS 125-5-A
Informational drawing**

M= 1:40

Cleaning capacity:	125	l/s
Total flow:	125	l/s
Efficiency:	5	mg/l FOG
Total weight:	1480	kg



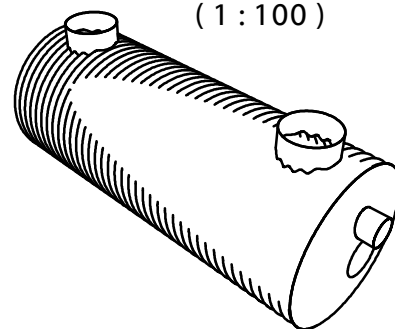
RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

TNS 150-5-A
(1 : 100)



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

TYP:

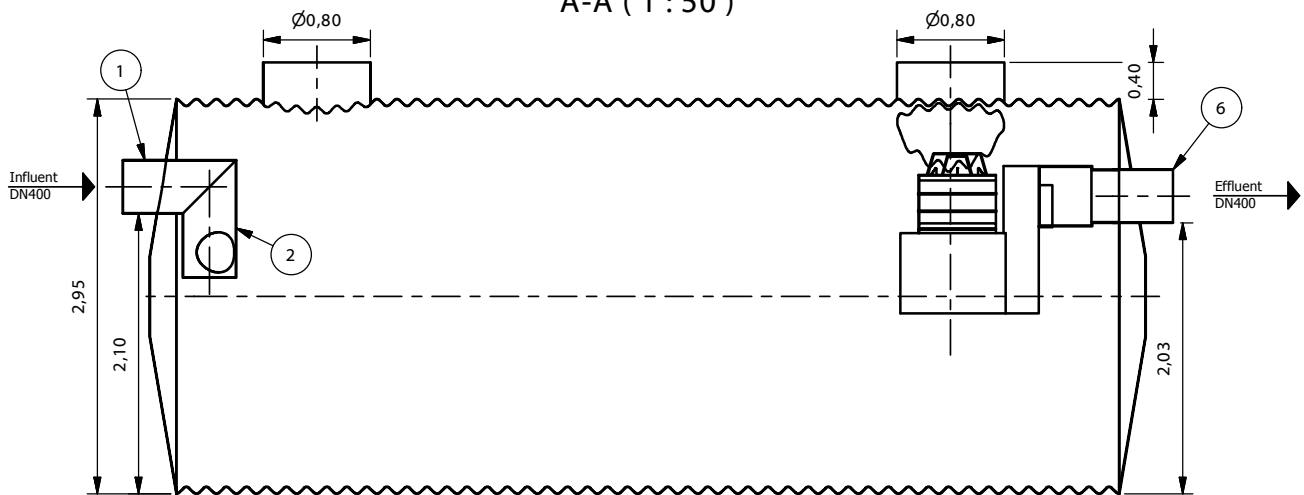
TNS 150-5-A

Informational drawing

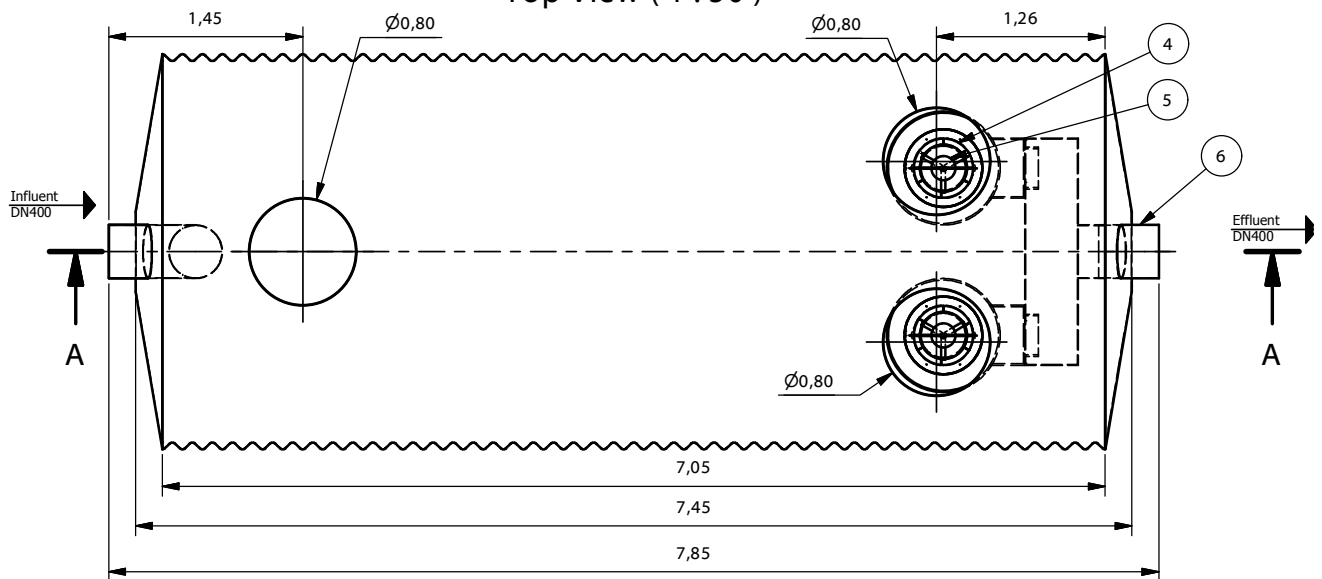
M= 1:40

Cleaning capacity:	150	l/s
Total flow:	150	l/s
Efficiency:	5	mg/l FOG
Total weight:	1695	kg

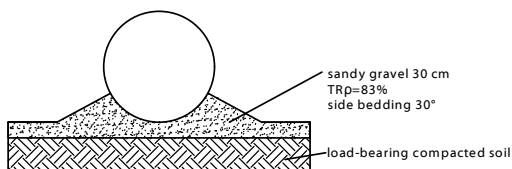
A-A (1 : 50)



Top View (1 : 50)

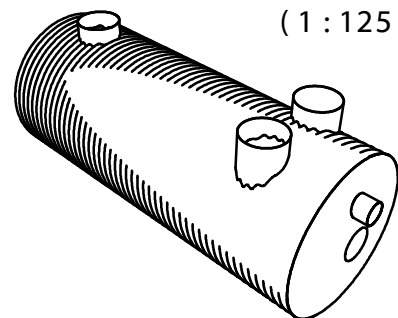
TNS 200-5-A
(1 : 125)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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TYP:

TNS 200-5-A

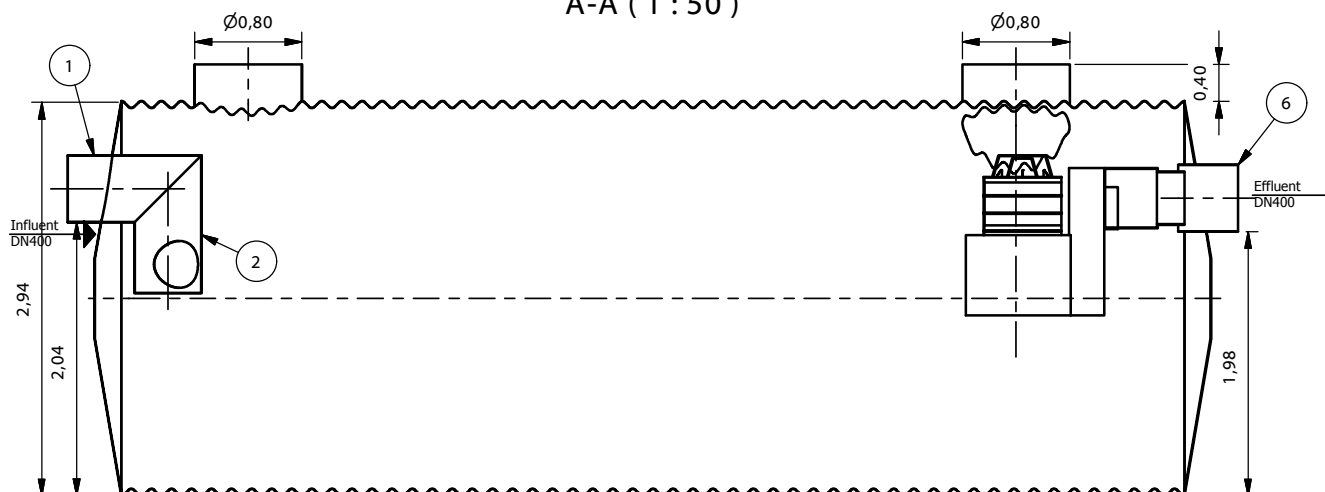
Informational drawing

M= 1:50

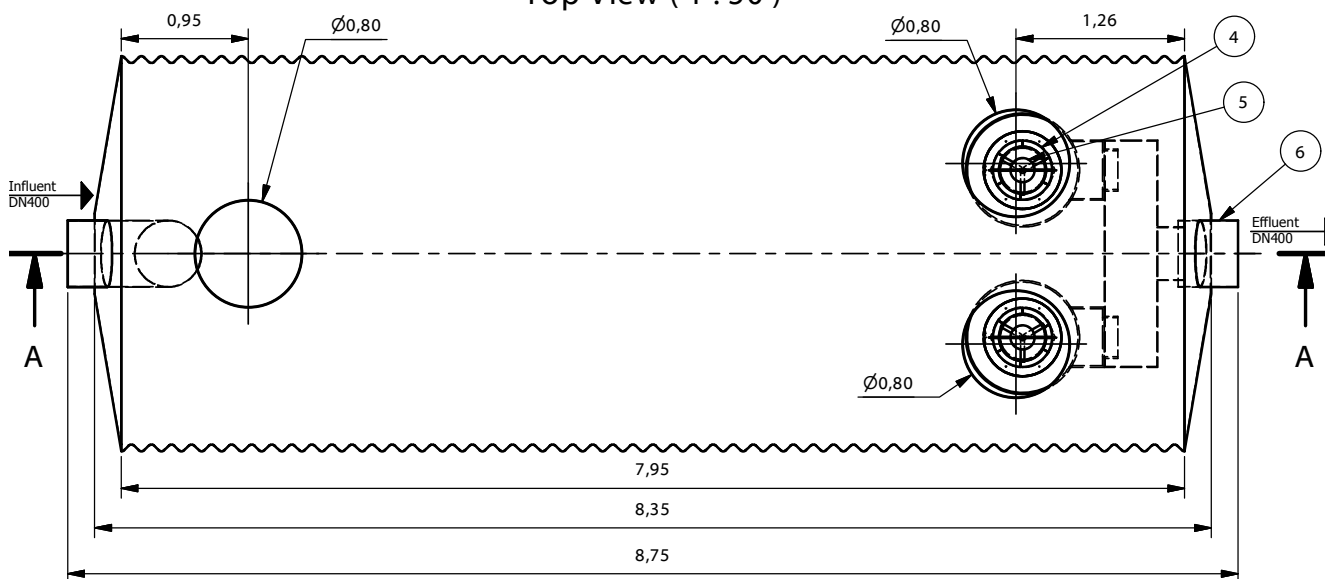
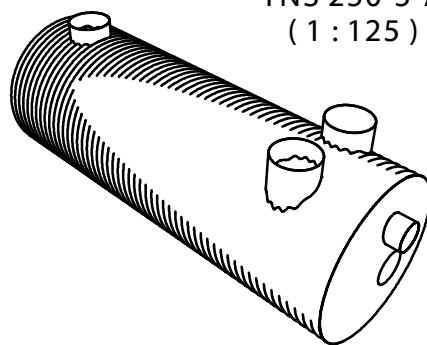
ENVIA TNS Oil- and light liquid separator in corrugated steel tank

Cleaning capacity:	200	l/s
Total flow:	200	l/s
Efficiency:	5	mg/l FOG
Total weight:	2985	kg

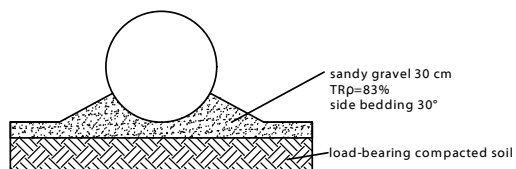
A-A (1 : 50)



Top View (1 : 50)

TNS 250-5-A
(1 : 125)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

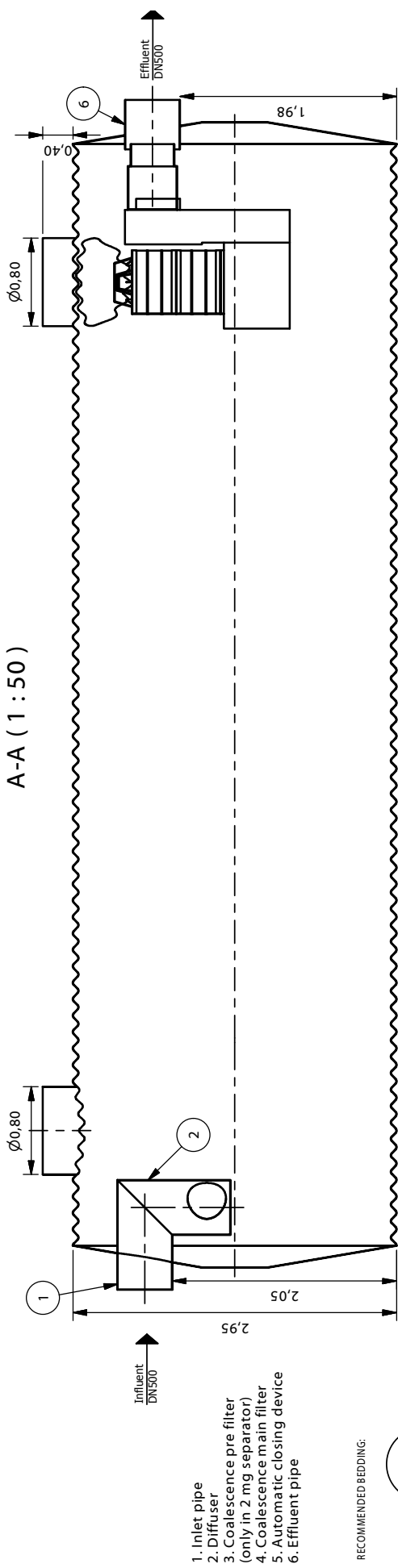
TYP:

TNS 250-5-A

Informational drawing

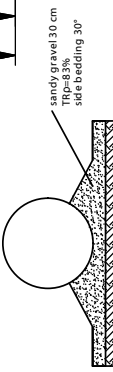
M= 1:50

Cleaning capacity:	250	l/s
Total flow:	250	l/s
Efficiency:	5	mg/l FOG
Total weight:	2985	kg

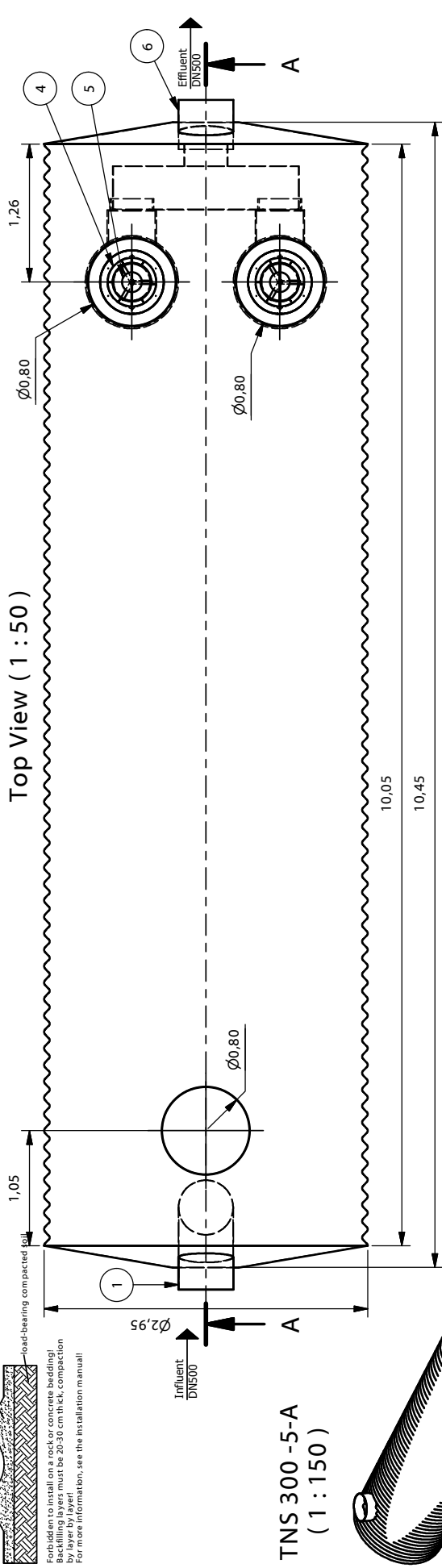


- 1. Inlet pipe
- 2. Diffuser
- 3. Coalescence pre filter (only in 2 mg separator)
- 4. Coalescence main filter
- 5. Automatic closing device
- 6. Effluent pipe

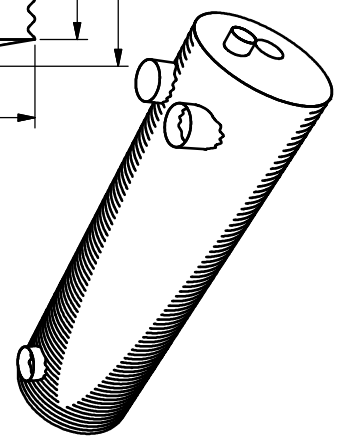
RECOMMENDED BEDDING:



Top View (1 : 50)



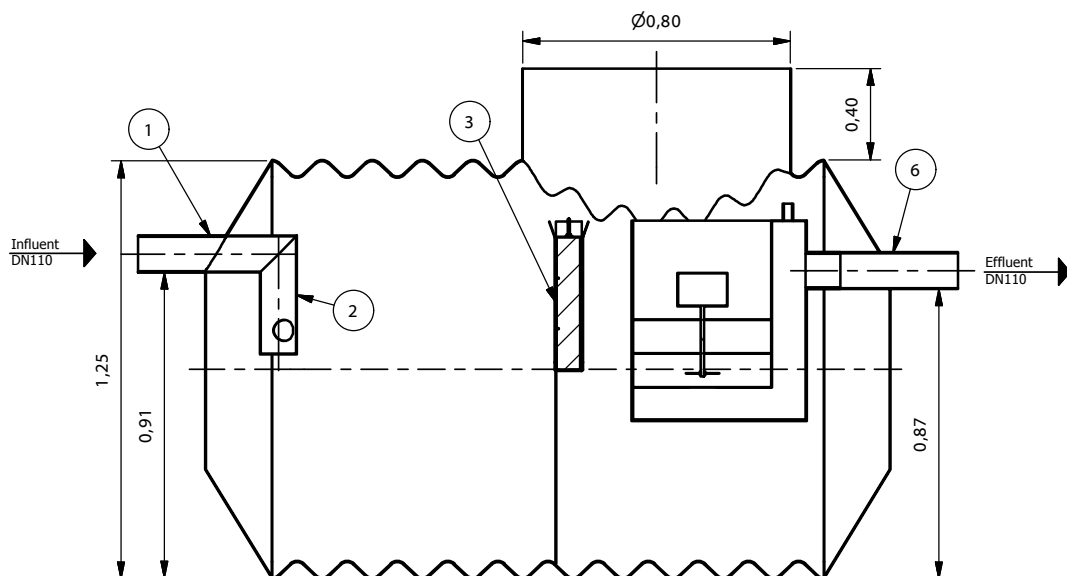
TNS 300 -5-A
(1 : 150)



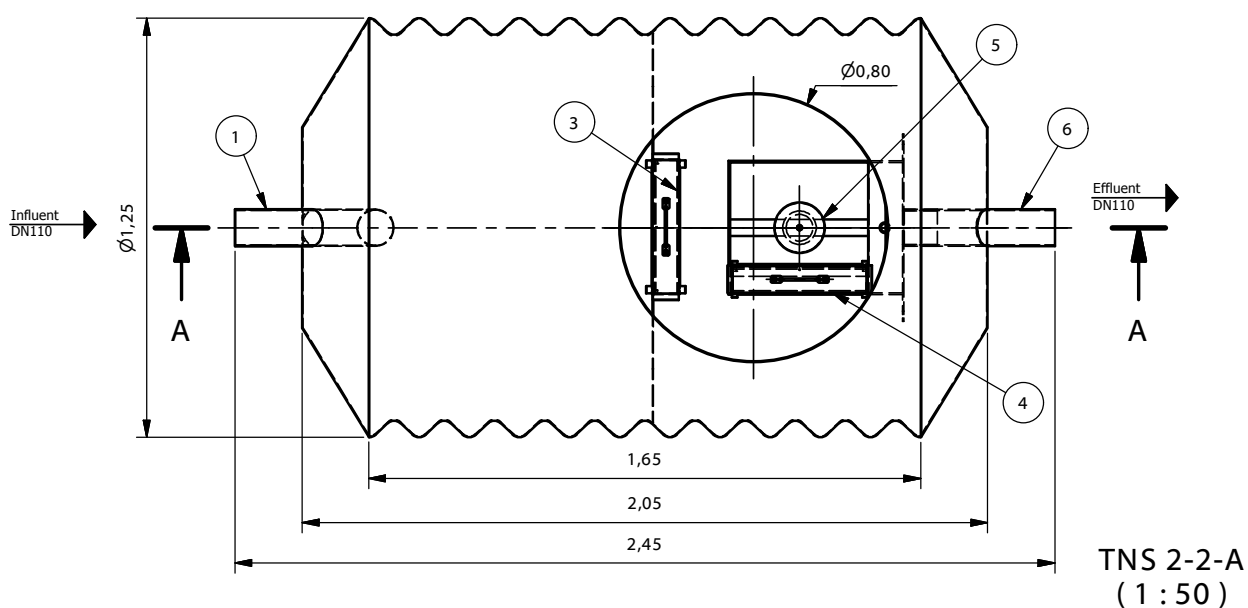
ENVIA TNS Oil- and light liquid separator in corrugated steel tank				
TNS 300-5-A				
Informational drawing				
Cleaning capacity:	300	l/s		
Total flow:	300	l/s		
Efficiency:	5	mg/l FOG		
Total weight:	3520	kg		
M= 1:50				

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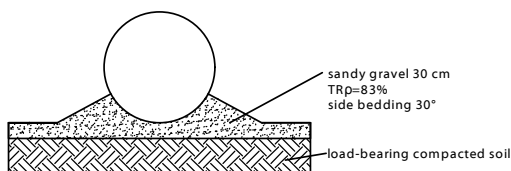
A-A (1 : 20)



Top View (1 : 20)

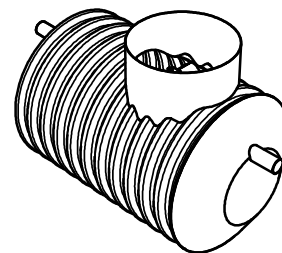


RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

TYP:

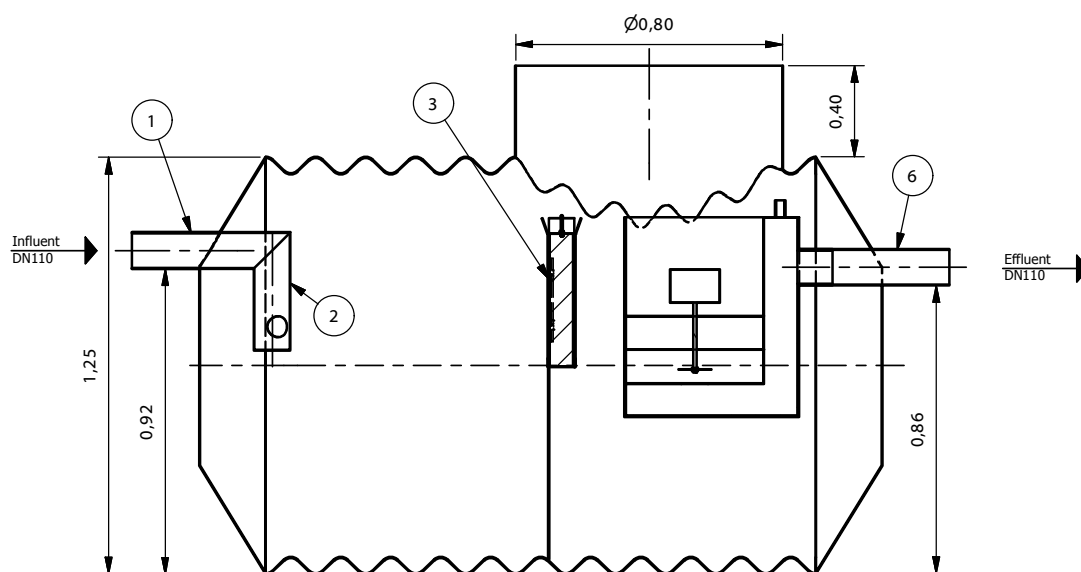
TNS 2-2-A

Informational drawing

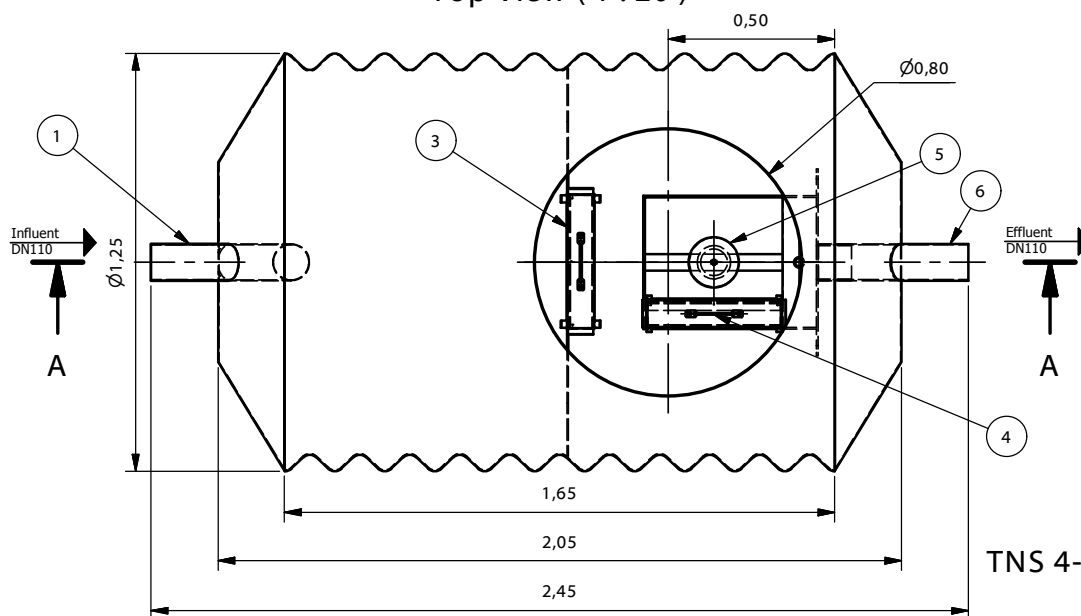
M= 1:20

Cleaning capacity:	2	l/s
Total flow:	2	l/s
Efficiency:	2	mg/l FOG
Total weight:	294	kg

A-A (1 : 20)

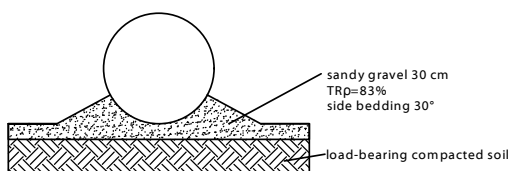


Top View (1 : 20)



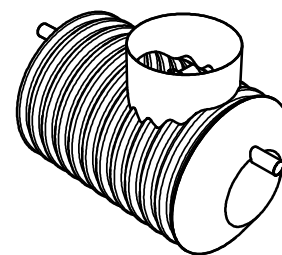
TNS 4-2-A (1 : 50)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

TYP:

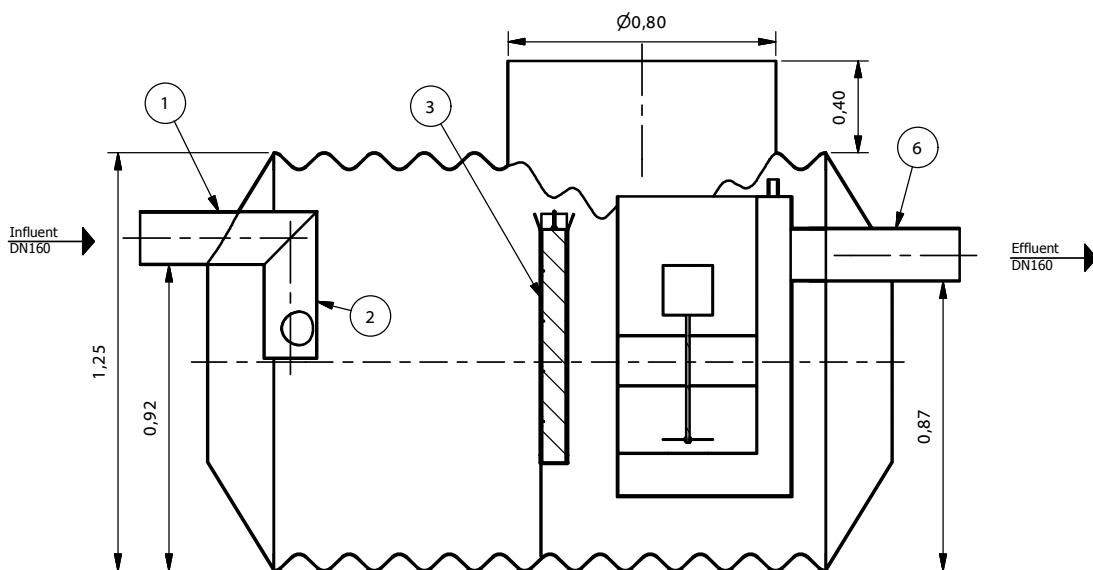
TNS 4-2-A

Informational drawing

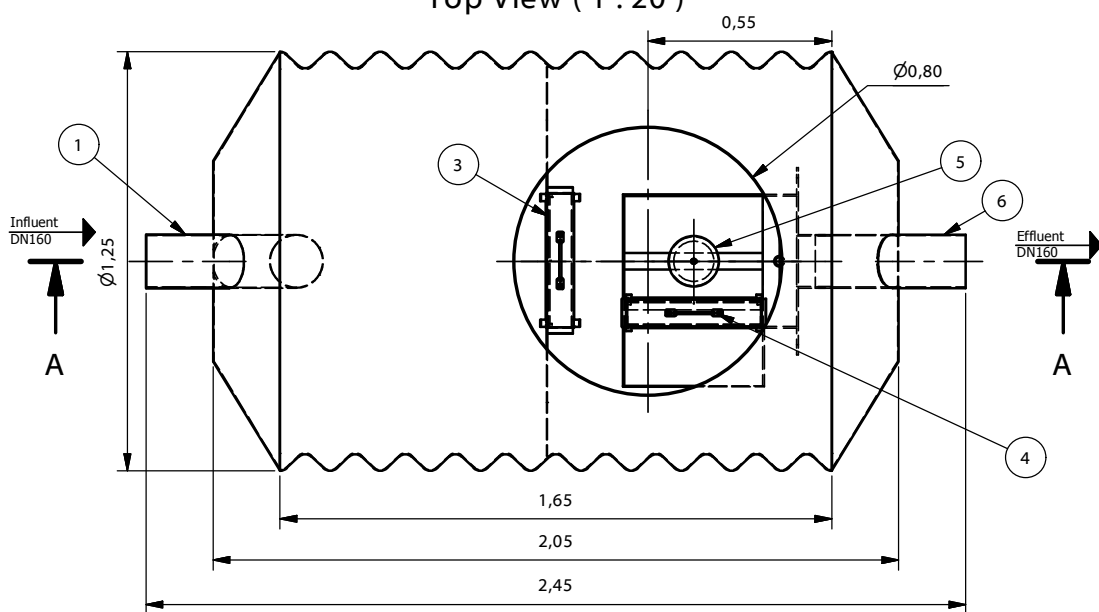
M= 1:20

Cleaning capacity:	4	l/s
Total flow:	4	l/s
Efficiency:	2	mg/l FOG
Total weight:	294	kg

A-A (1 : 20)

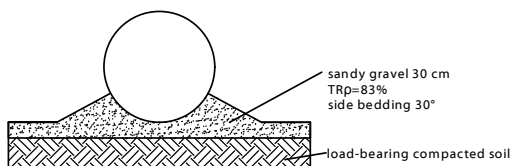


Top View (1 : 20)



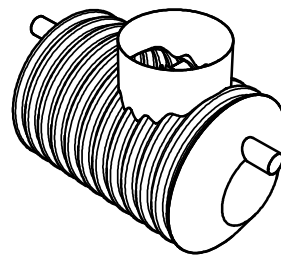
TNS 6-2-A (1 : 50)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

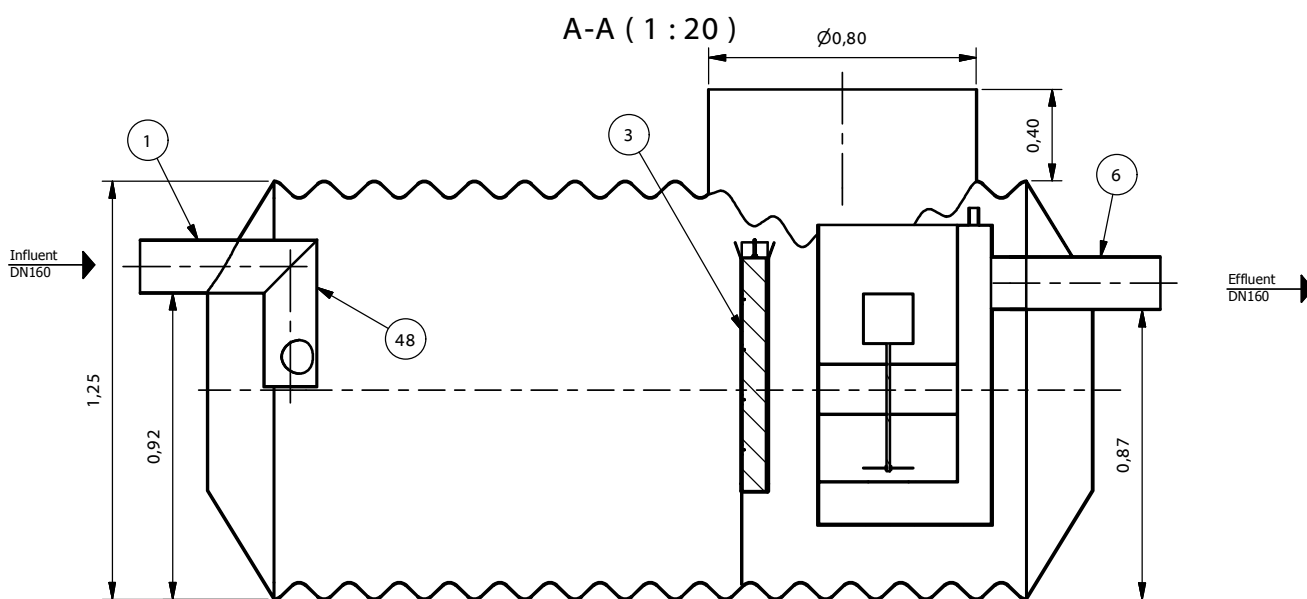
TYP:

TNS 6-2-A

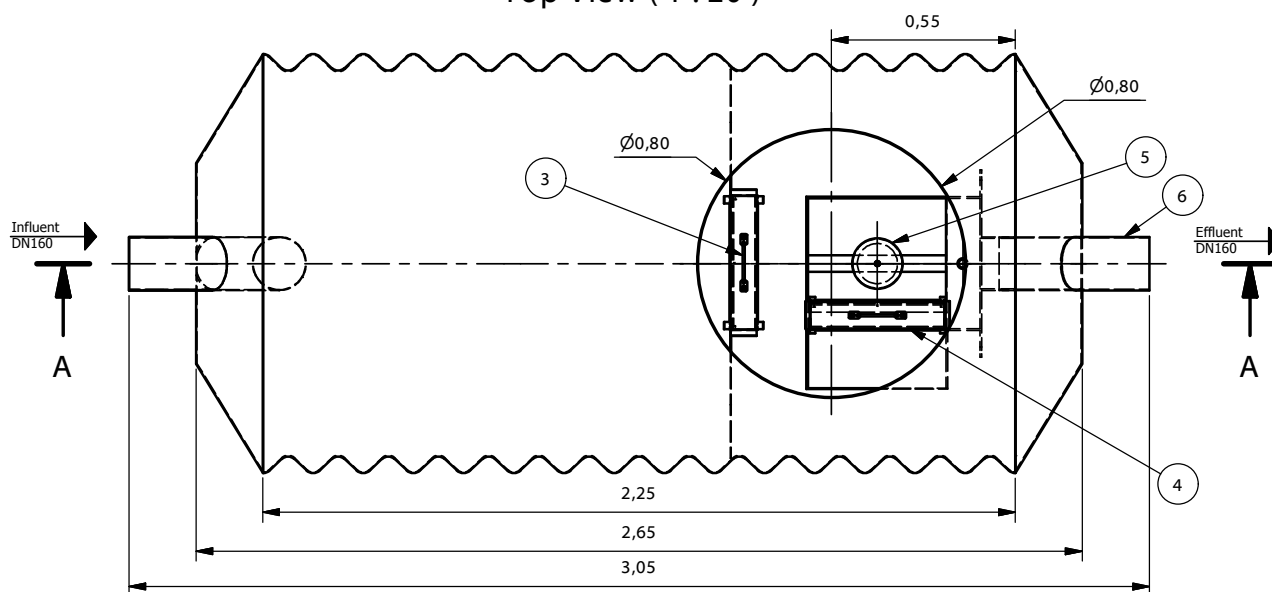
Informational drawing

M= 1:20

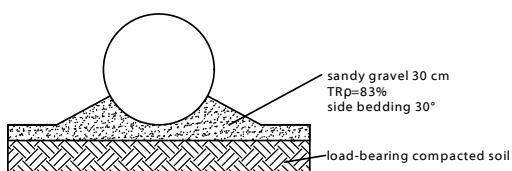
Cleaning capacity:	6	l/s
Total flow:	6	l/s
Efficiency:	2	mg/l FOG
Total weight:	315	kg



Top View (1 : 20)

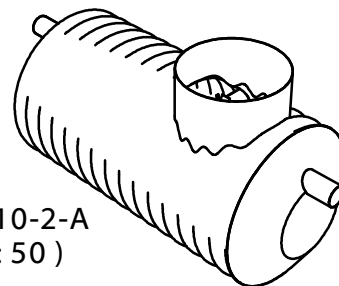


RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

TNS 10-2-A
(1 : 50)

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TYP:

TNS 10-2-A

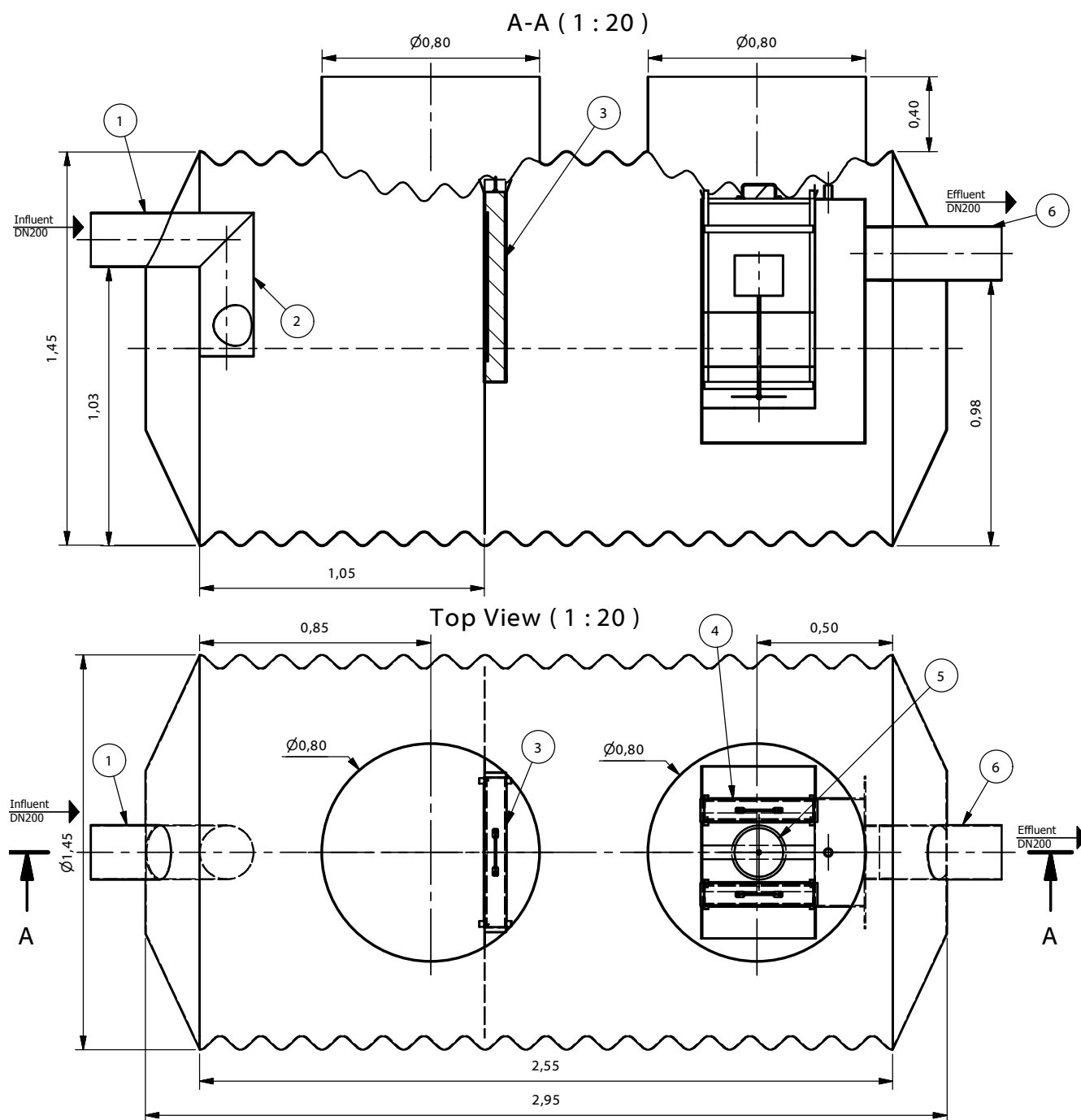
Informational drawing

M= 1:20

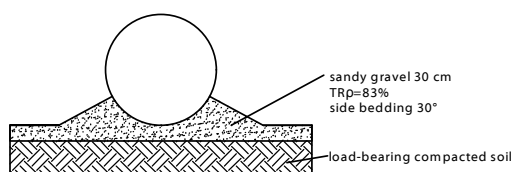
ENVIA TNS Oil- and light liquid separator in corrugated steel tank

Cleaning capacity:	10	l/s
Total flow:	10	l/s
Efficiency:	2	mg/l FOG
Total weight:	380	kg

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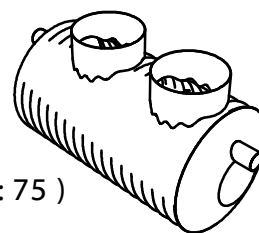


RECOMMENDED BEDDING:



1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

TNS 15-2-A (1 : 75)



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

TYP:

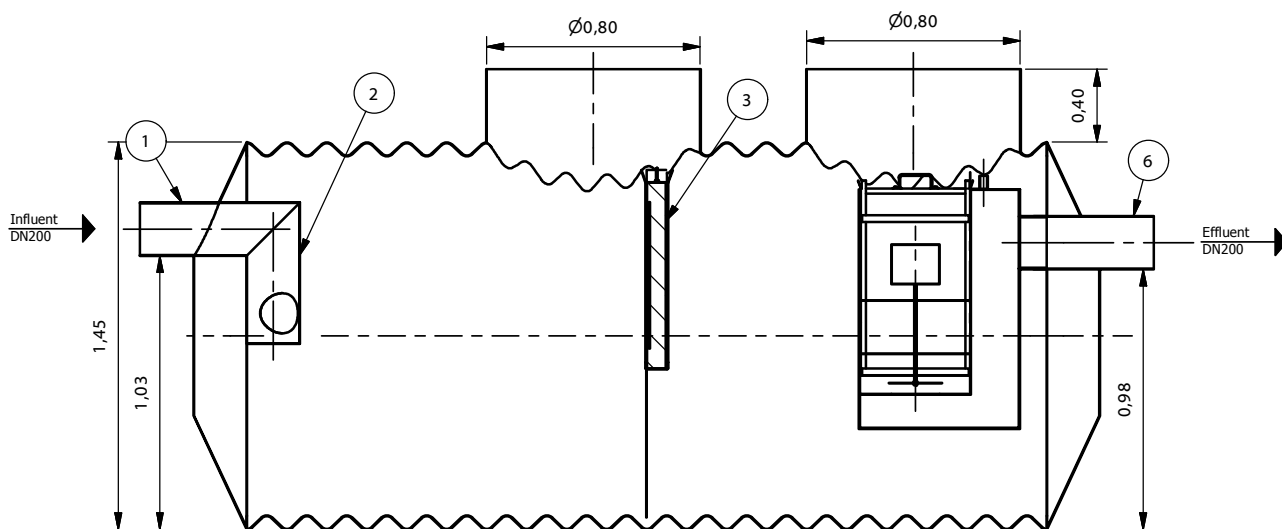
TNS 15-2-A

Informational drawing

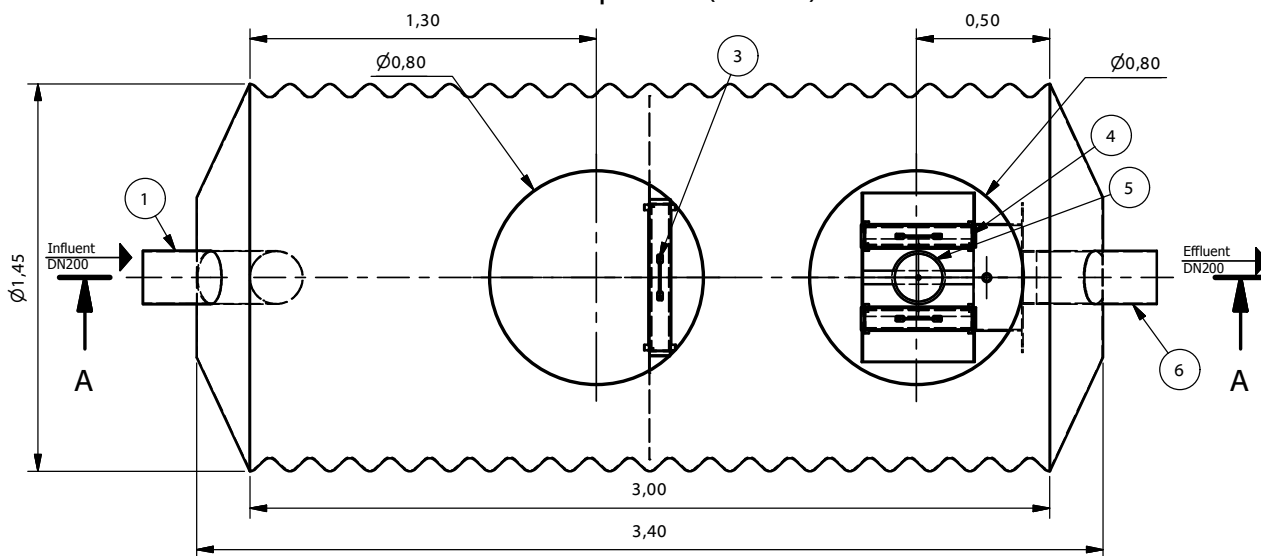
M= 1:20

Cleaning capacity:	15	l/s
Total flow:	15	l/s
Efficiency:	2	mg/l FOG
Total weight:	540	kg

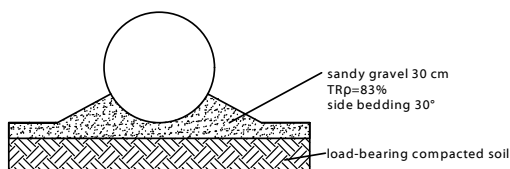
A-A (1 : 25)



Top View (1 : 25)



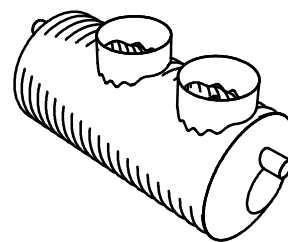
RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

TNS 20-2-A (1 : 75)



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

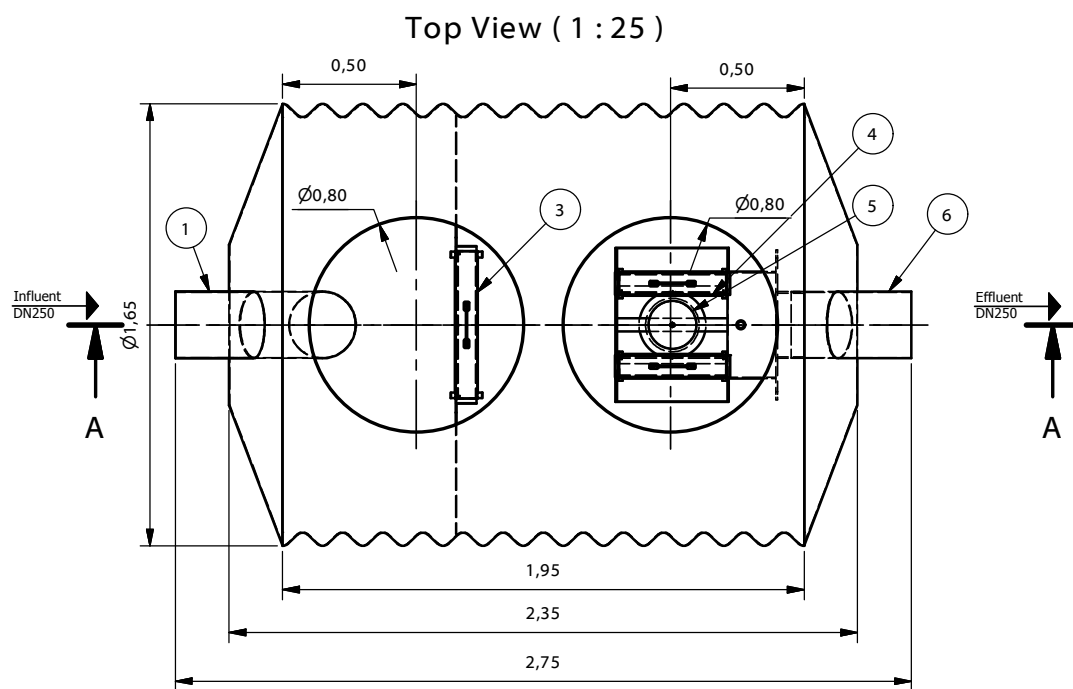
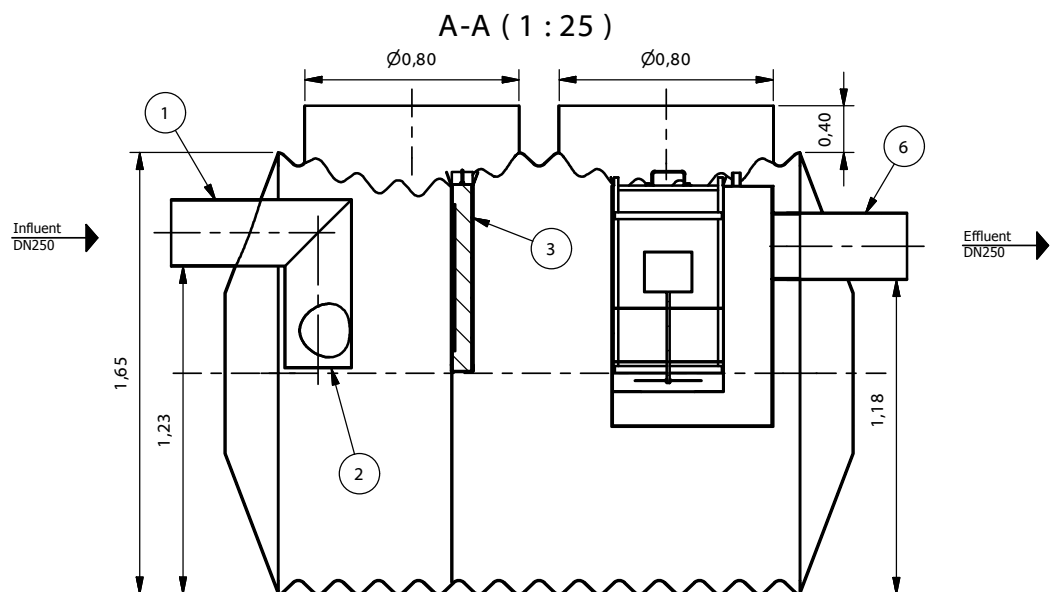
TYP:

TNS 20-2-A

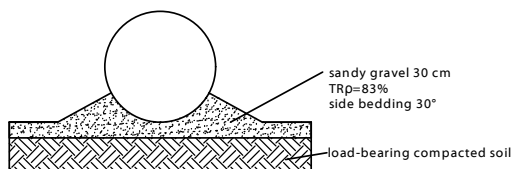
Informational drawing

M= 1:25

Cleaning capacity:	20	l/s
Total flow:	20	l/s
Efficiency:	2	mg/l FOG
Total weight:	600	kg

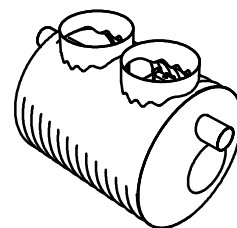


RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



TNS 25-2-A (1 : 75)

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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

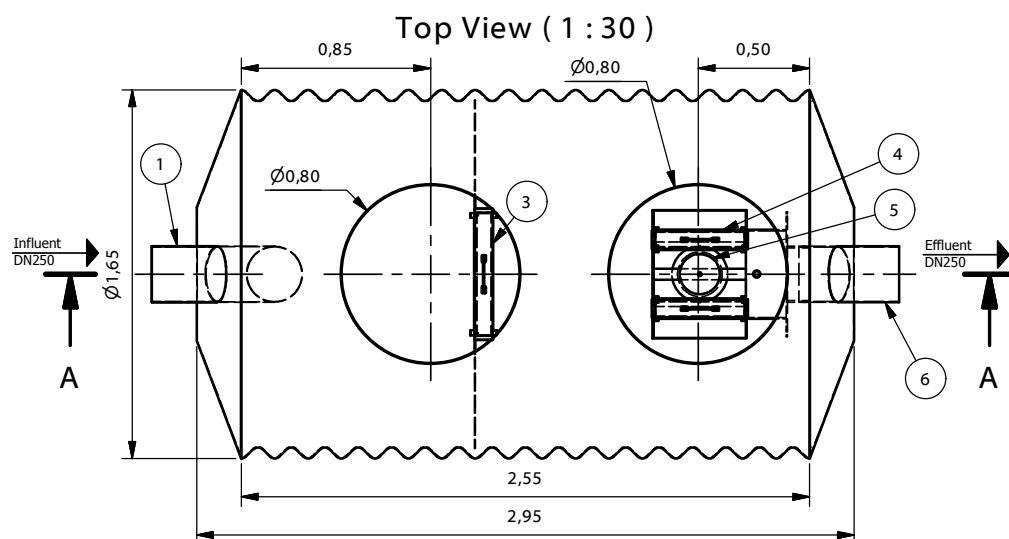
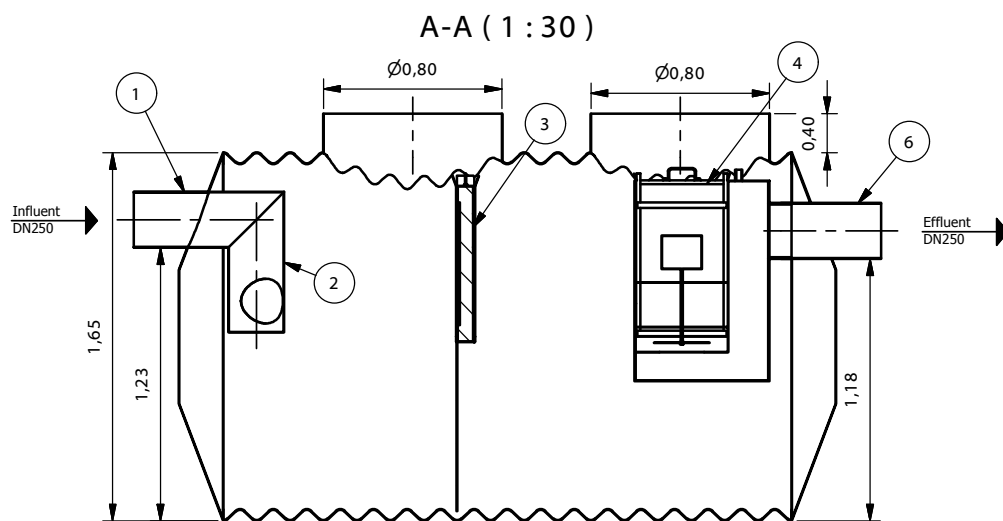
TYP:

TNS 25-2-A

Informational drawing

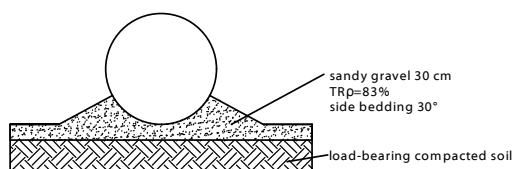
M= 1:25

Cleaning capacity:	25	l/s
Total flow:	25	l/s
Efficiency:	2	mg/l FOG
Total weight:	510	kg



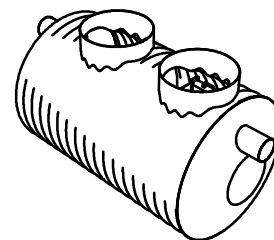
TNS 30-2-A
(1 : 75)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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TYP:

TNS 30-2-A

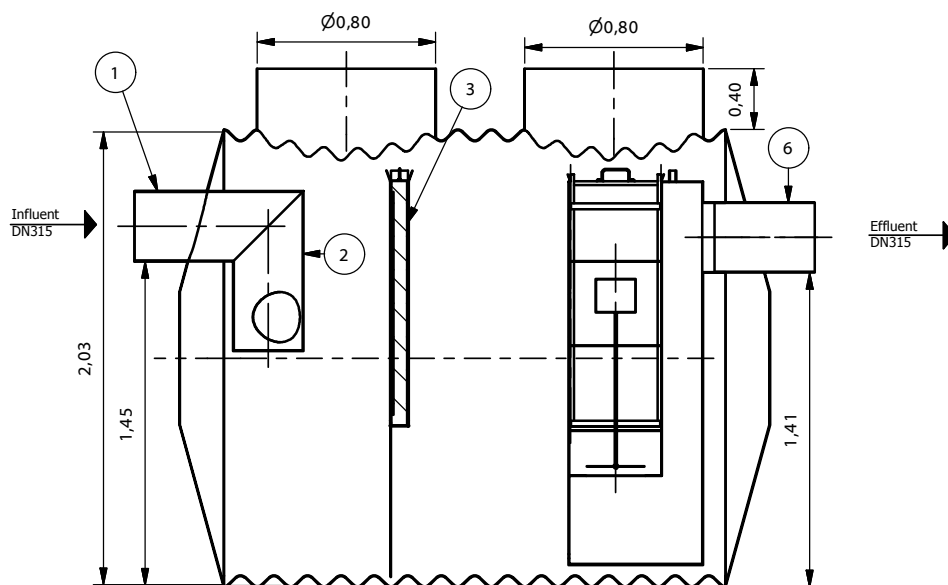
Informational drawing

M= 1:30

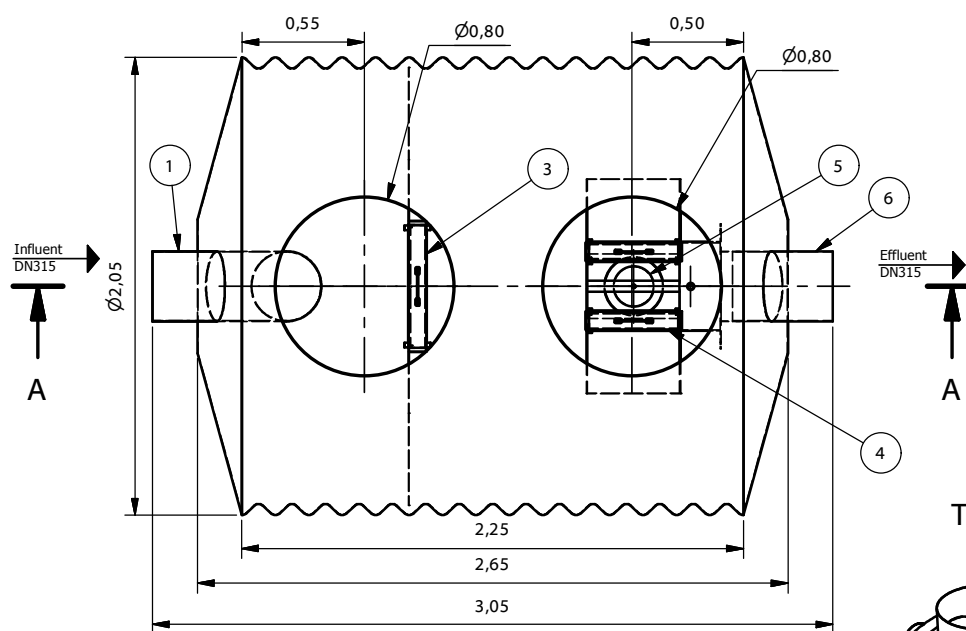
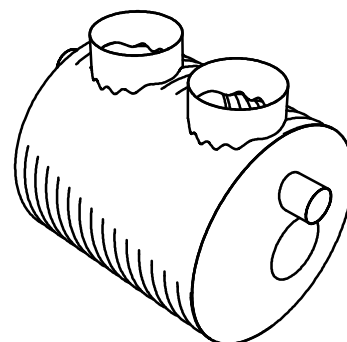
ENVIA TNS Oil- and light liquid separator in corrugated steel tank

Cleaning capacity:	30	l/s
Total flow:	30	l/s
Efficiency:	2	mg/l FOG
Total weight:	600	kg

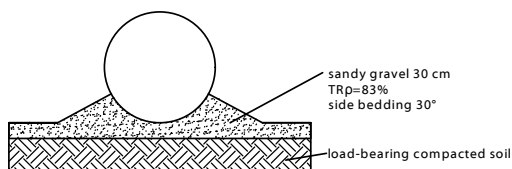
A-A (1 : 30)



Top View (1 : 30)

TNS 40-2-A
(1 : 60)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

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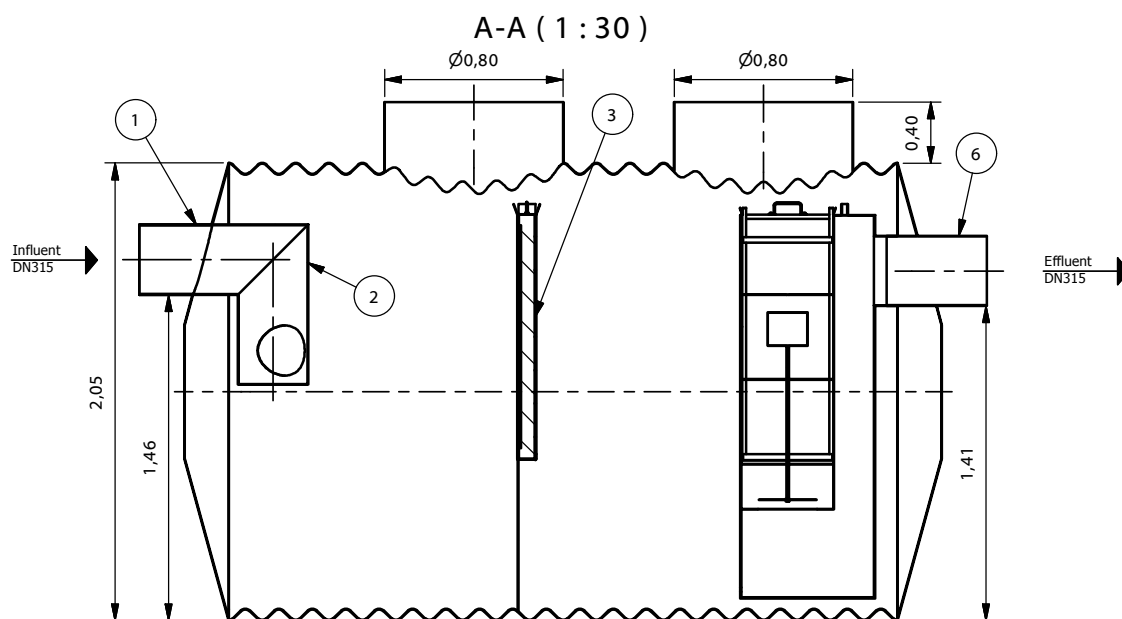
ENVIA TNS Oil- and light liquid separator in corrugated steel tank

TYP:

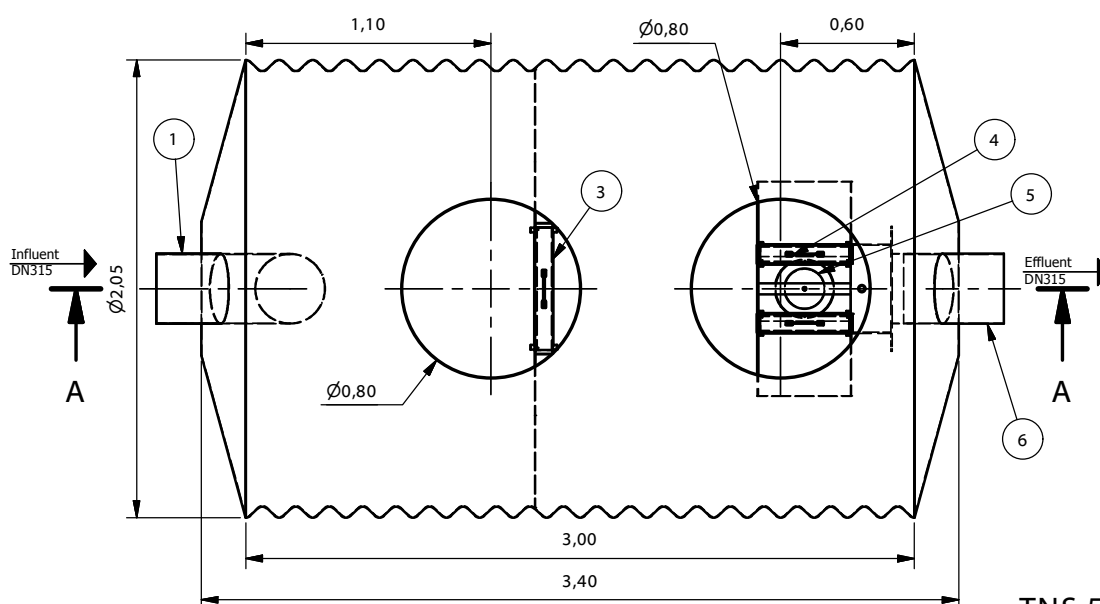
TNS 40-2-A**Informational drawing**

M= 1:30

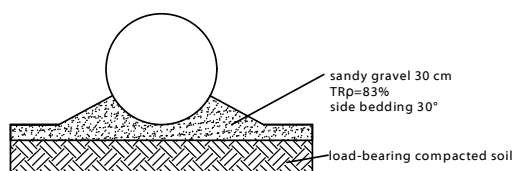
Cleaning capacity:	40	l/s
Total flow:	40	l/s
Efficiency:	2	mg/l FOG
Total weight:	804	kg



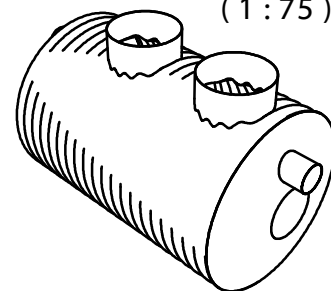
Top View (1 : 30)

TNS 50-2-A
(1 : 75)

RECOMMENDED BEDDING:



1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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TYP:

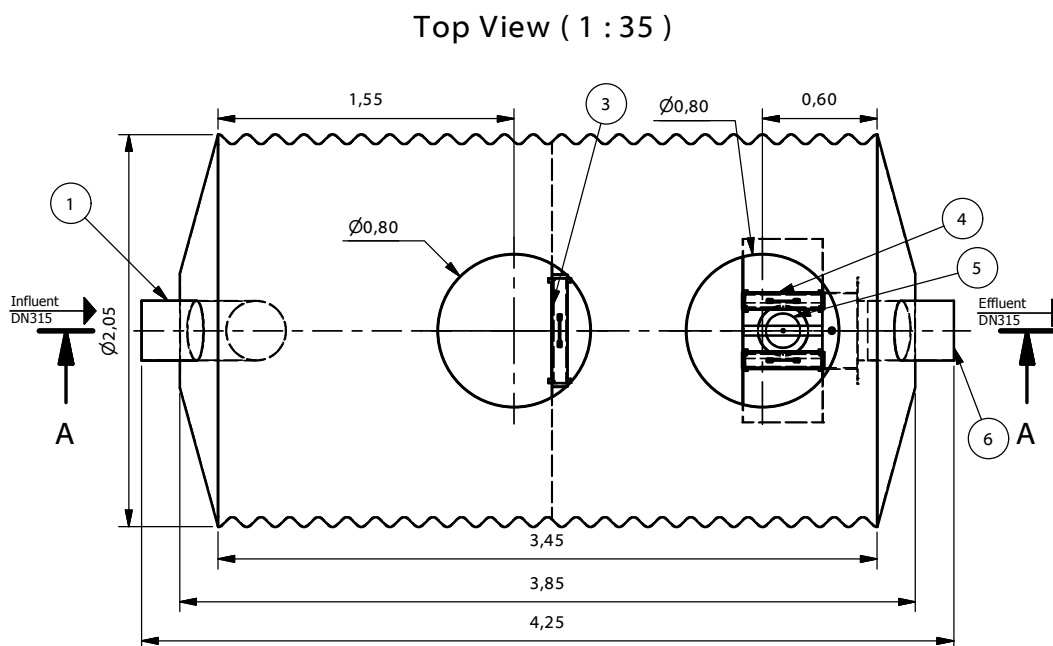
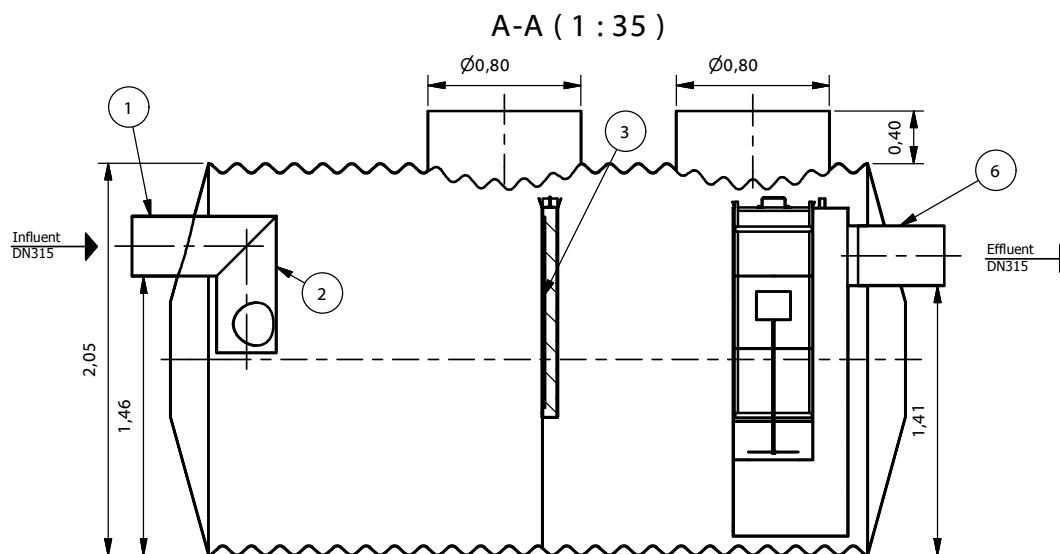
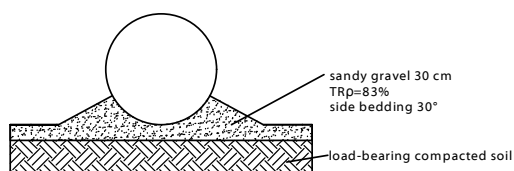
TNS 50-2-A

Informational drawing

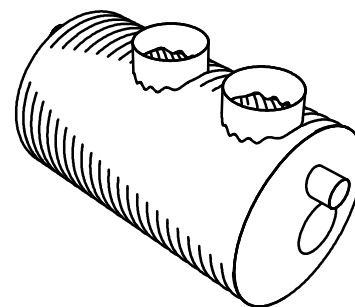
M= 1:30

ENVIA TNS Oil- and light liquid separator in corrugated steel tank

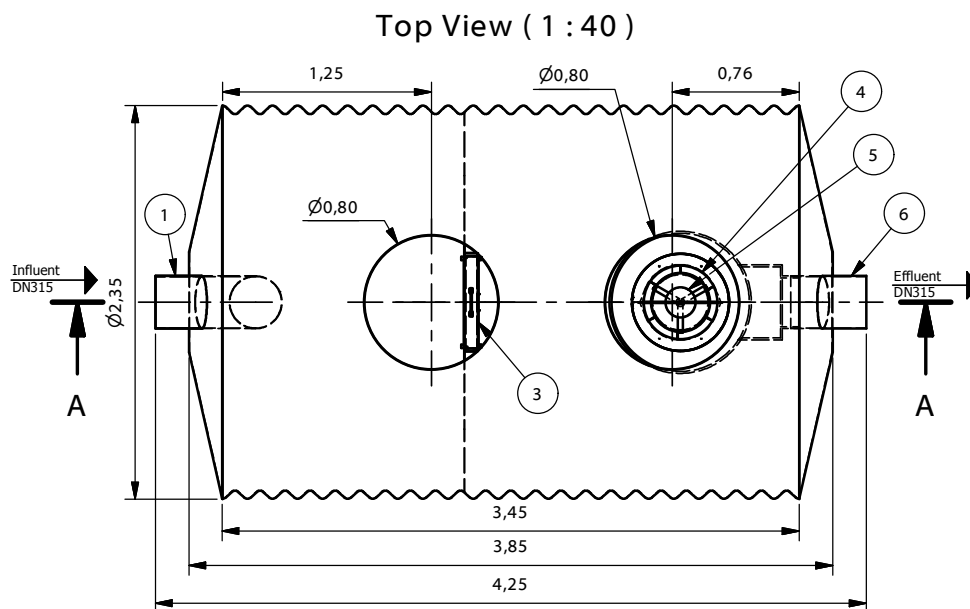
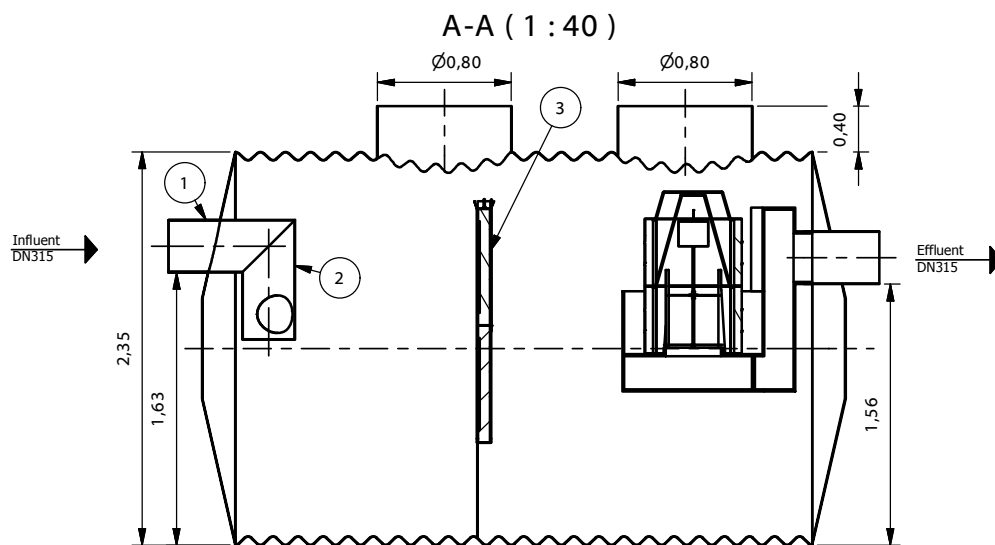
Cleaning capacity:	50	l/s
Total flow:	50	l/s
Efficiency:	2	mg/l FOG
Total weight:	930	kg

**TNS 65-2-A (1 : 75)****RECOMMENDED BEDDING:**

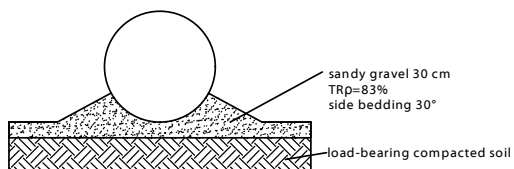
1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



Cleaning capacity:	65	l/s
Total flow:	65	l/s
Efficiency:	2	mg/l FOG
Total weight:	1010	kg



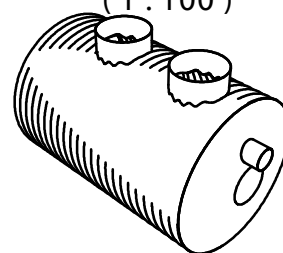
RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

**TNS 80-2-A
(1 : 100)**



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TYP:

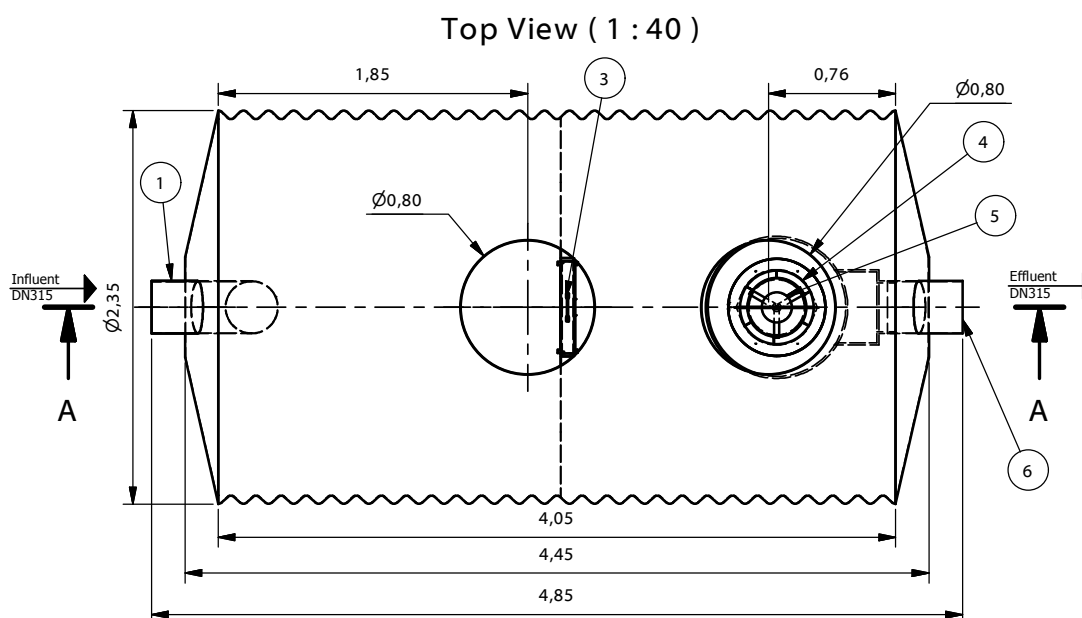
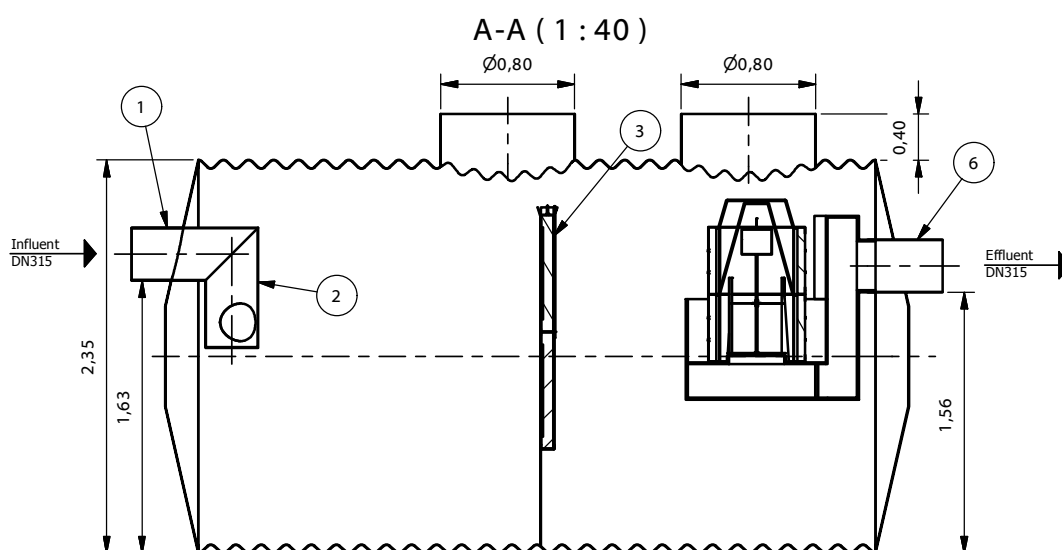
TNS 80-2-A

Informational drawing

M= 1:40

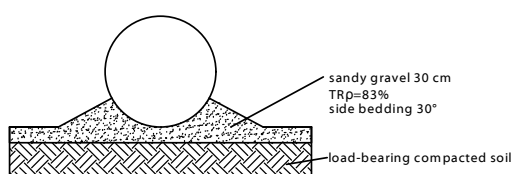
ENVIA TNS Oil- and light liquid separator in corrugated steel tank

Cleaning capacity:	80	l/s
Total flow:	80	l/s
Efficiency:	2	mg/l FOG
Total weight:	1300	kg



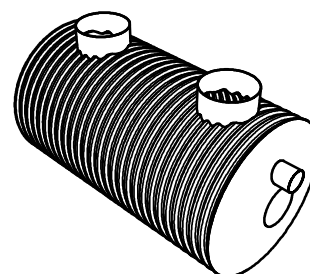
TNS 100-2-A
(1 : 100)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

TYP:

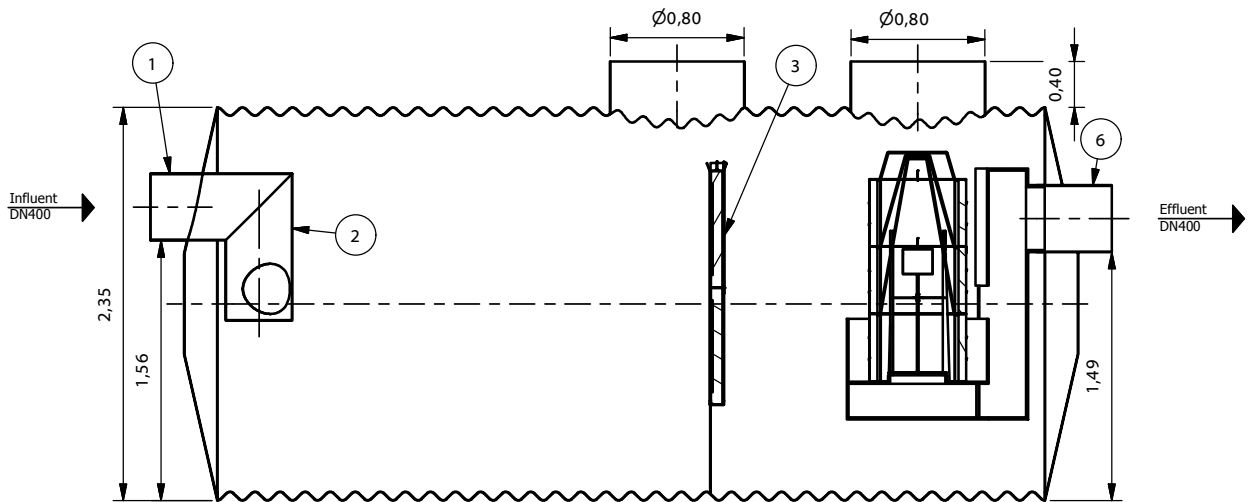
TNS 100-2-A

Informational drawing

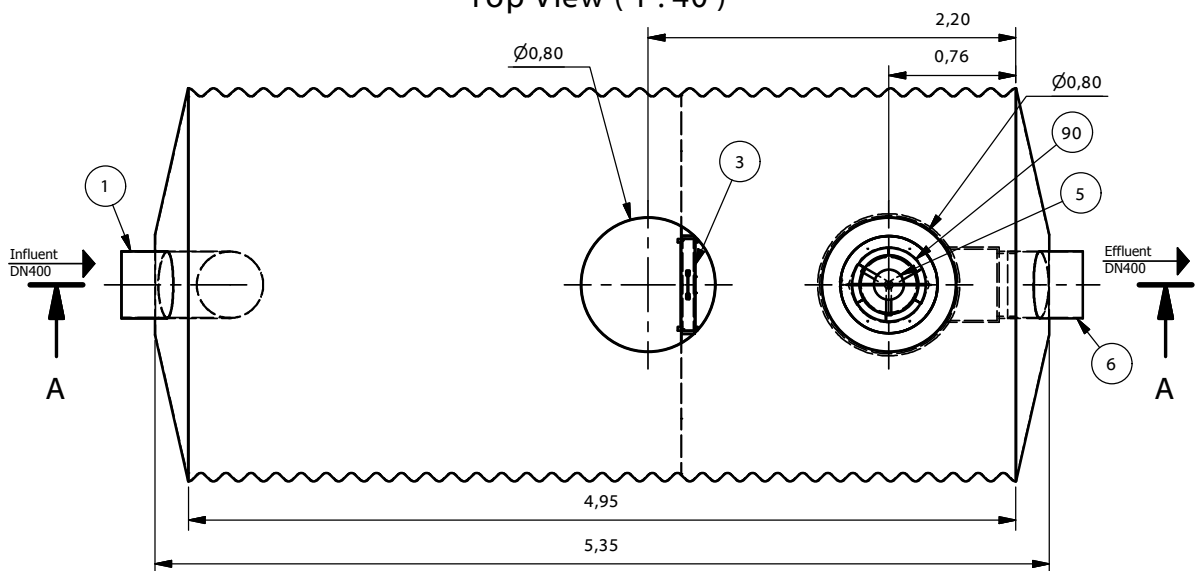
M= 1:40

Cleaning capacity:	100	l/s
Total flow:	100	l/s
Efficiency:	2	mg/l FOG
Total weight:	1400	kg

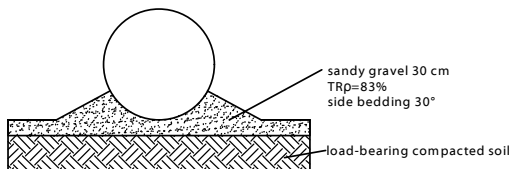
A-A (1 : 40)



Top View (1 : 40)

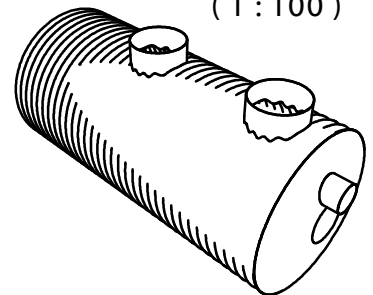


RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

TNS 125-2-A
(1 : 100)

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TYP:

TNS 125-2-A

Informational drawing

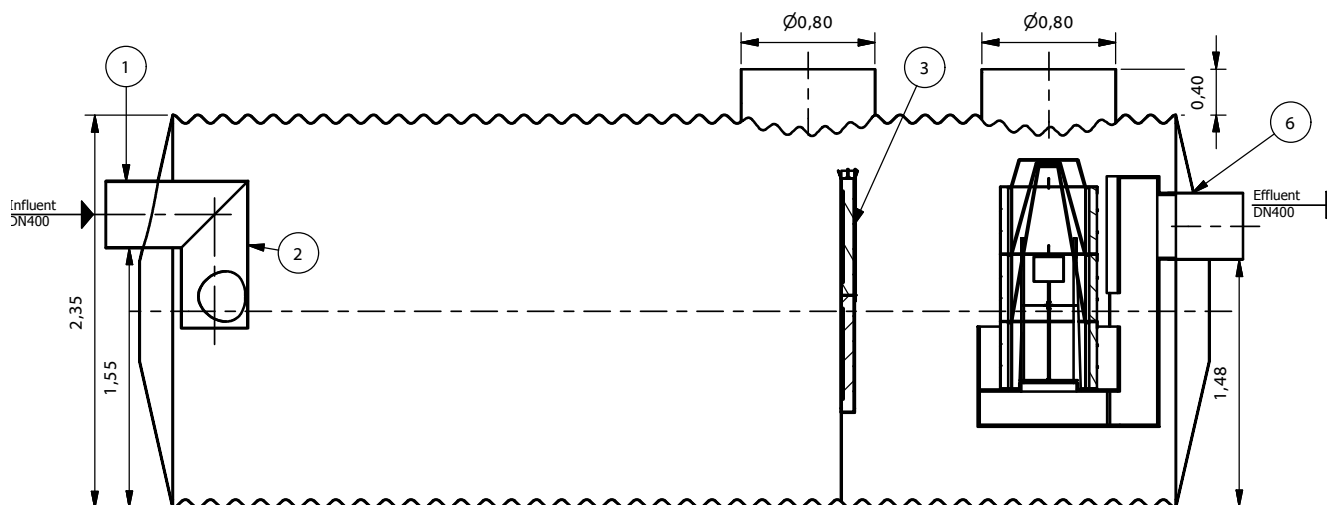
M= 1:40

ENVIA TNS Oil- and light liquid separator in corrugated steel tank

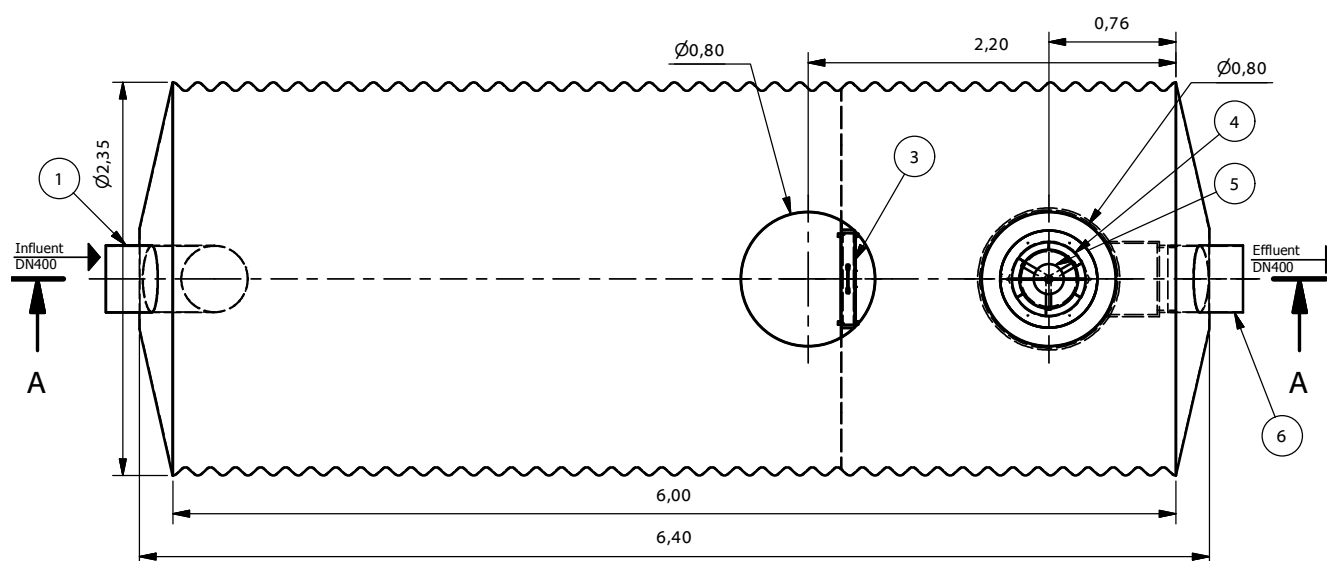
Cleaning capacity:	125	l/s
Total flow:	125	l/s
Efficiency:	2	mg/l FOG
Total weight:	1610	kg

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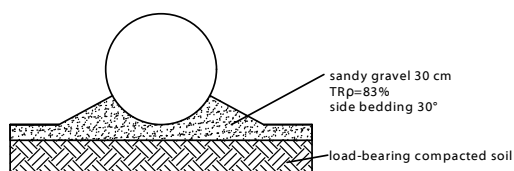
A-A (1 : 40)



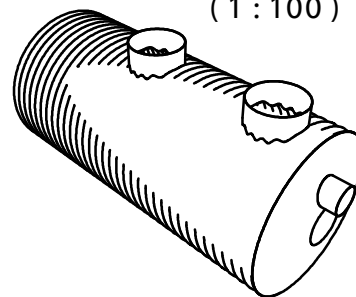
Top View (1 : 40)

TNS 150-2-A
(1 : 100)

RECOMMENDED BEDDING:



1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

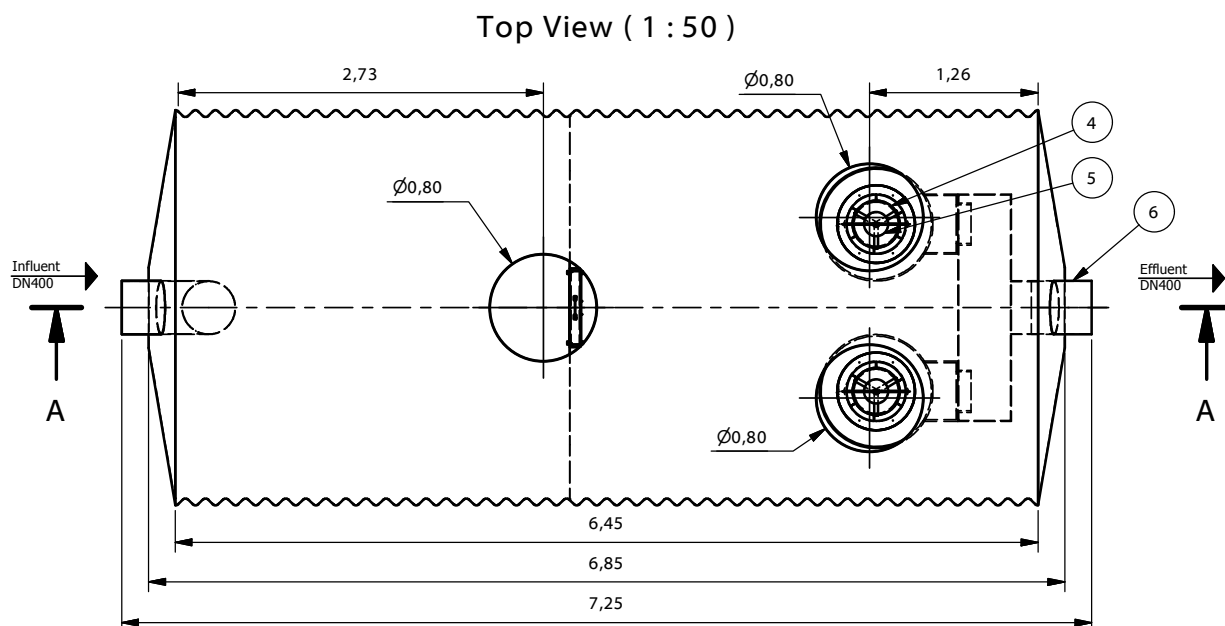
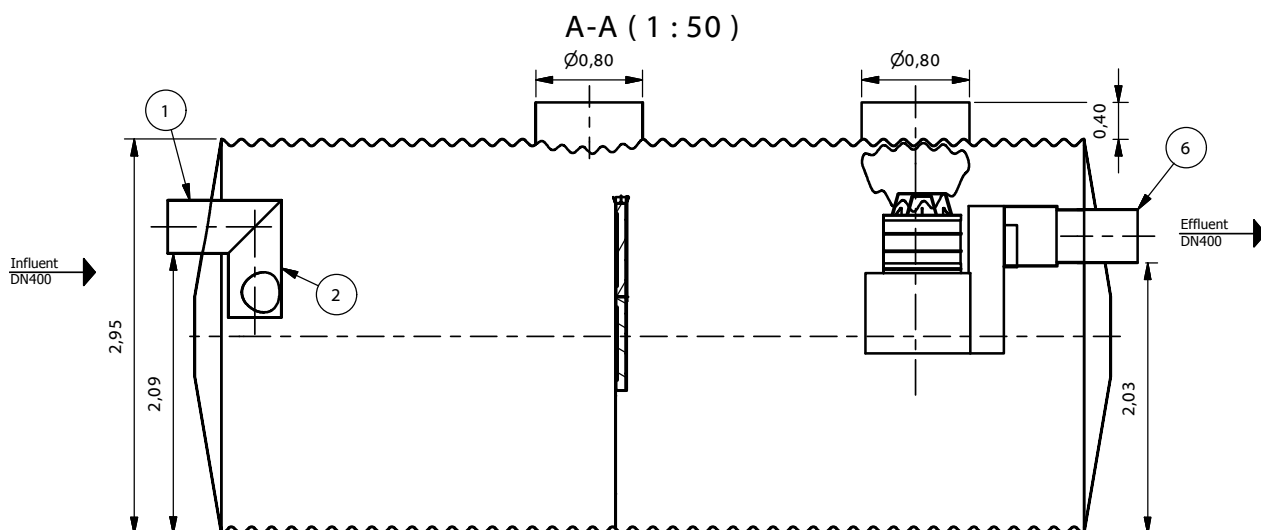
TYP:

TNS 150-2-A

Informational drawing

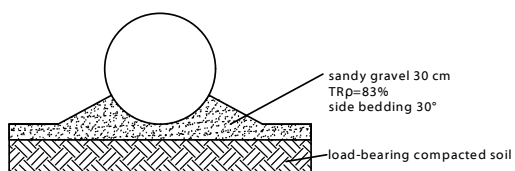
M= 1:40

Cleaning capacity:	150	l/s
Total flow:	150	l/s
Efficiency:	2	mg/l FOG
Total weight:	1830	kg



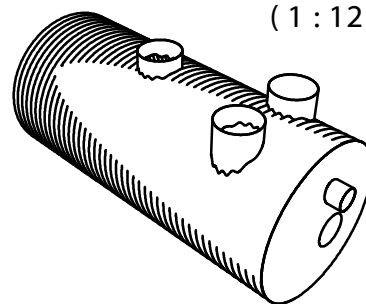
TNS 200-2-A
(1 : 125)

RECOMMENDED BEDDING:



Forbidden to install on a rock or concrete bedding!
Backfilling layers must be 20-30 cm thick, compaction
by layer by layer!
For more information, see the installation manual!

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter
(only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe



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TYP:

ENVIA TNS Oil- and light liquid separator in corrugated steel tank

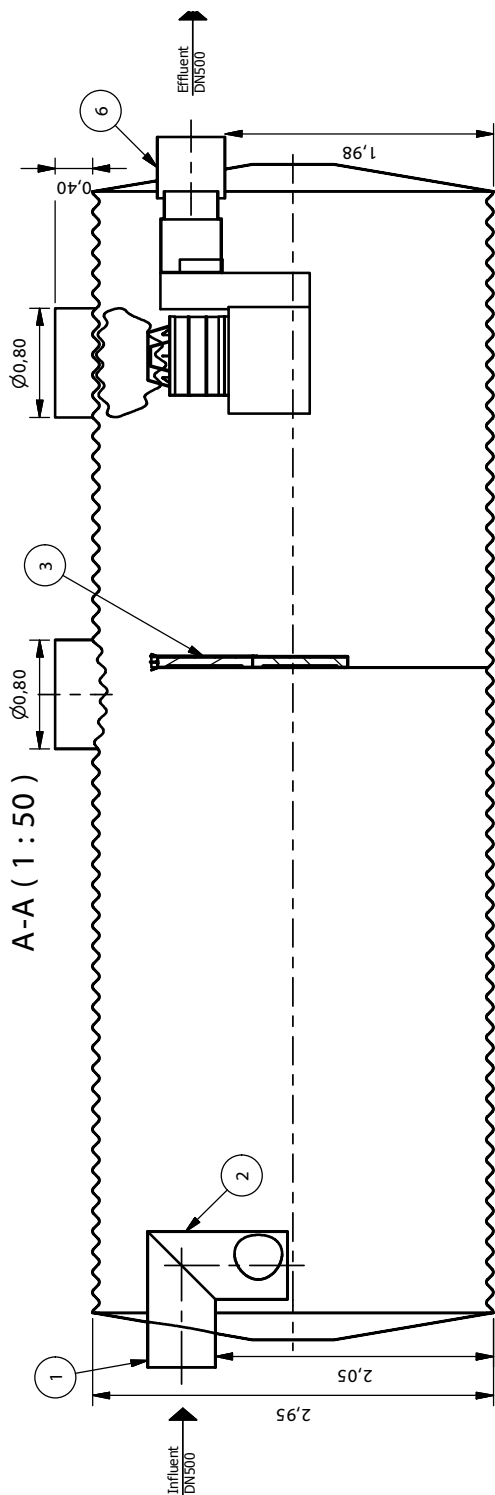
TNS 200-2-A

Informational drawing

M= 1:50

Cleaning capacity:	200	l/s
Total flow:	200	l/s
Efficiency:	2	mg/l FOG
Total weight:	2985	kg

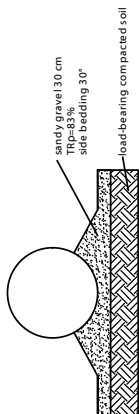
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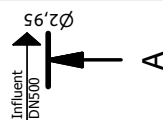
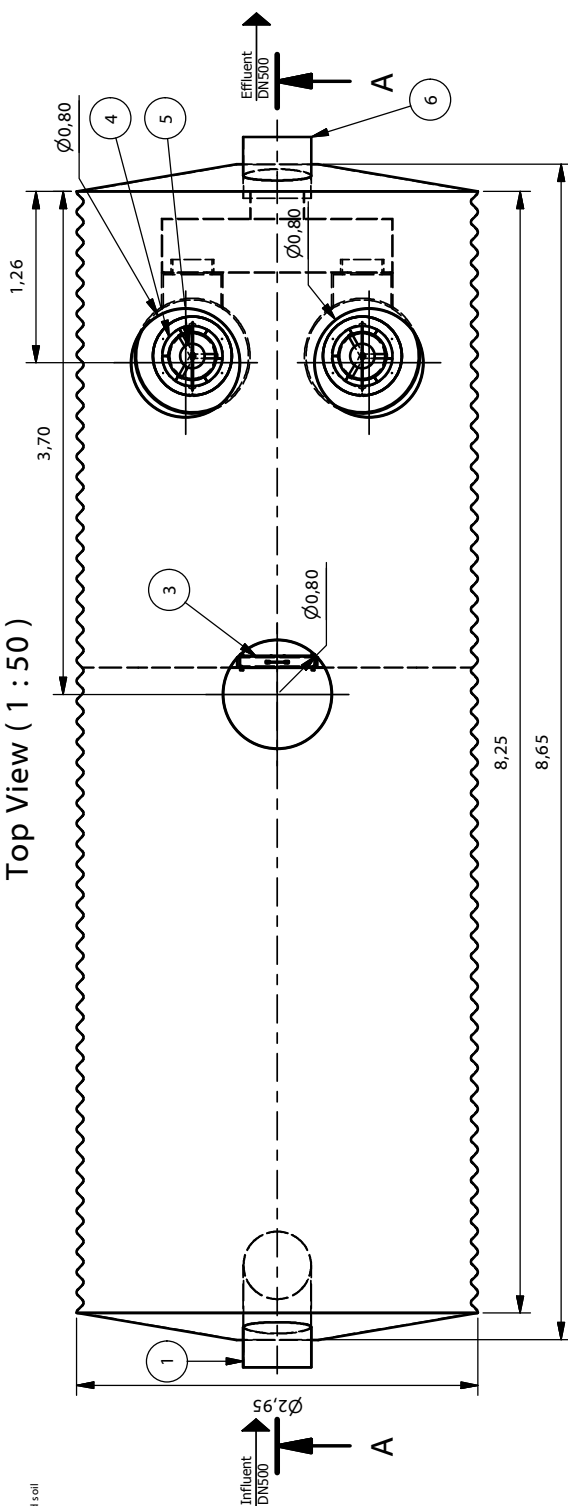
A-A (1 : 50)

1. Inlet pipe
2. Diffuser
3. Coalescence pre filter (only in 2 mg separator)
4. Coalescence main filter
5. Automatic closing device
6. Effluent pipe

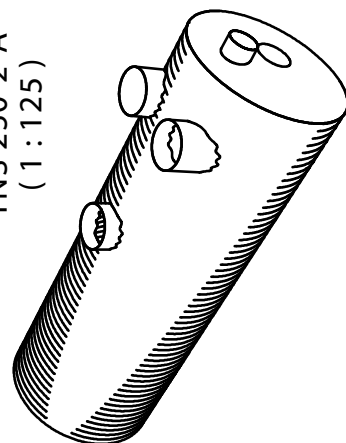
RECOMMENDED BEDDING:



Top View (1 : 50)



TNS 250-2-A
(1 : 125)



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

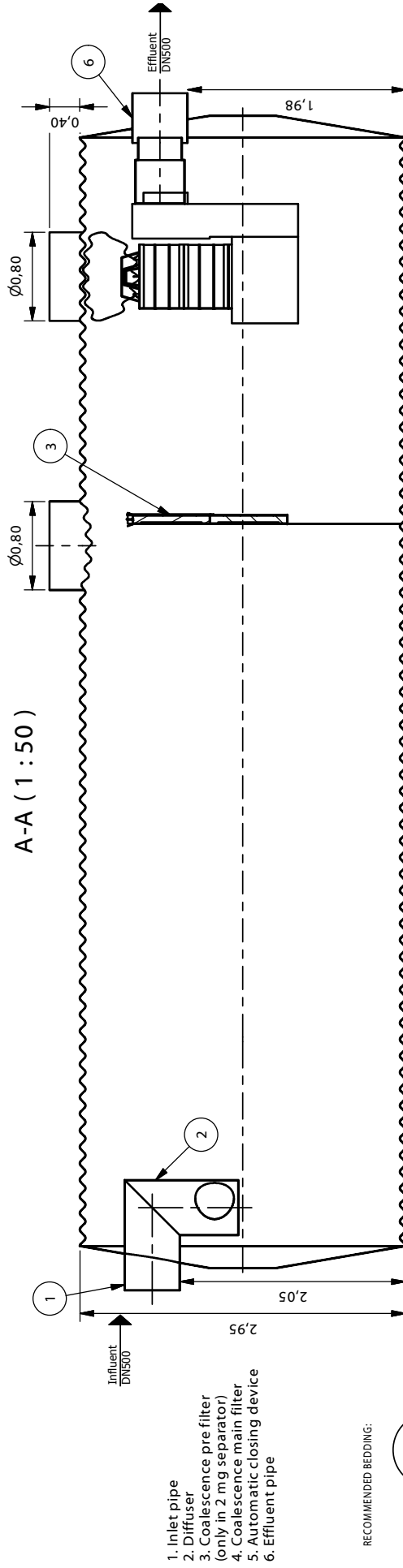
TYP:

TNS 250-2-A

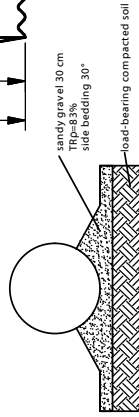
Informational drawing

Cleaning capacity:	250	l/s
Total flow:	250	l/s
Efficiency:	2	mg/l FOG
Total weight:	3145	kg

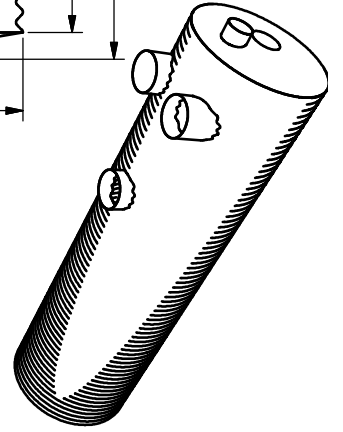
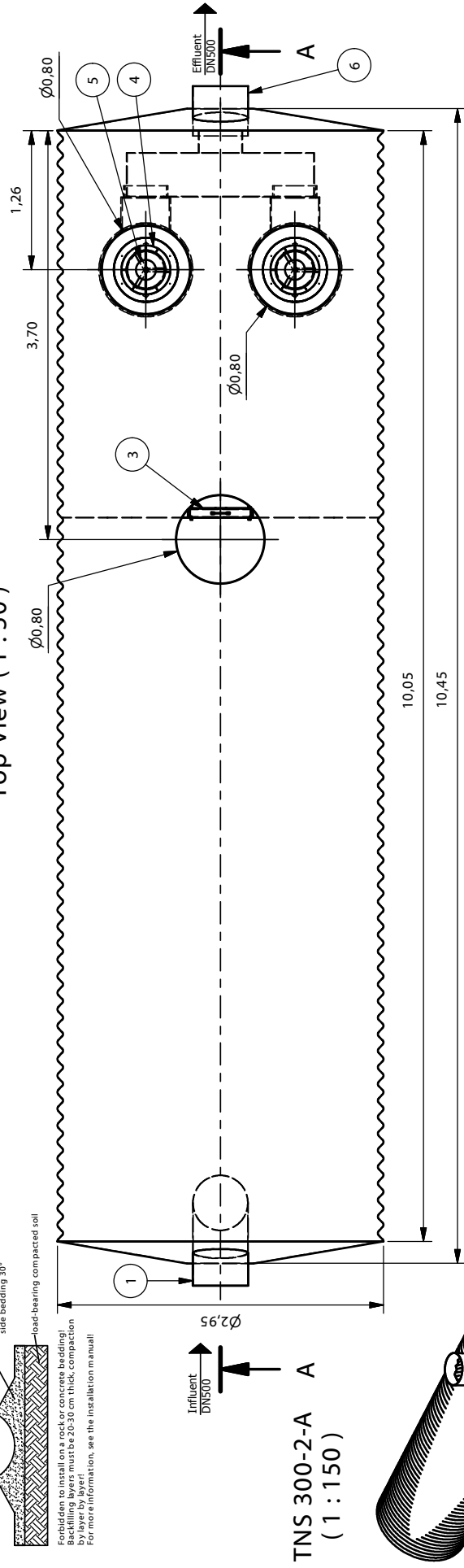
M= 1:50



RECOMMENDED BEDDING:



Top View (1 : 50)



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ENVIA TNS Oil- and light liquid separator in corrugated steel tank

TYP:

TNS 300-2-A

Informational drawing

Cleaning capacity:

300 l/s

Total flow:

30 l/s

Efficiency:

2 mg/FOG

Total weight:

3625 kg

M= 1:50

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GENERAL INSTALLATION GUIDE – ENVIA TNS

1. Bed pipe on pre-shaped bed.
2. Where gaskets are being used, the gaskets should be placed around the pipe ends, equally over the joint. Overlap the gasket at the crown of the pipe and fix in place with double-sided tape. Lightly grease the inside face of the coupling band with the pipe grease provided.
3. Place bottom segment of the band with the band dimple seated into the second corrugation of the re-rolled section of the pipe.
4. Bed next pipe so that it's second re-roll corrugation seats into the band dimple.
5. Place the second part of the band over the pipe ensuring a good and even seating of the band dimple into the second re-roll corrugation of each pipe.
6. Locate the M12 studs provided through the lugs and loosely tighten the nuts ensuring that the curved face of the saddle washers sit into the radius of the lugs.
7. Tighten down the nuts on the studs, evenly on each lug at both sides of the pipe. If necessary „dress” the band with a small rubber mallet while tightening.
8. Inspect internally to ensure uniform contact with the GASKET, IF GASKETS ARE USED.

It is important that the pipes are laid at a constant grade and line relative to each other. Any significant deviation from line and level will create problems in locating and tightening the coupling band. The larger the pipe diameter, the more important true line and level will be.

Where bitumen paved inverts are installed, there might be a tendency for the pipes to assume a slightly egg-shaped profile during lifting and handling. This should be monitored when the pipes are placed end to end prior to positioning the second or third segments of the coupling band. If there is a poor match in terms of shape then the pipe ends should be jacked into shape by the use of Acrow props or similar and held in a true circular profile whilst the coupling bands are placed and tightened and if needed be left in position until backfill is placed. All pipes over 1.4m diameter have match marked ends and each pipe is marked with a pipe sequence number

NOTES:

1. When calculating access shaft heights Tubosider allows 500 mm between finished cover level (FCL) and top of shaft.
2. The 500 mm is typically made up of a concrete “biscuit” n’ course of bricks and a steel manhole frame. Any discrepancy can be taken up within the brickwork.
3. Prior to placing the “biscuit” the top of the shaft should be wrapped with denzo or polystyrene and the concrete ring should be cast with the top approx. 50 mm above the top of the shaft. The “biscuit” should then be bedded onto the concrete ring.
4. Concrete ring, “biscuit”, bricks and steel frame supplied by others

OPERATING MANUAL– ENVIA TNP

Maintenance

The Tubosider product itself requires no maintenance. Tubosider products have a minimum design life of 60 years, the design life can be extended to suit individual project requirements.

The Tubosider product has been specifically designed with manhole access points with ladders, to gain entry to the system as it is the system that will require inspection.

The frequency of inspection will vary from project to project. We would recommend that the first inspection is carried out 12 months after the product has been installed. Over a period of time all attenuation tanks will have a very gradual build up of silt, the level of build up needs to be monitored and from this information the frequency of inspection can be decided.

A gully sucker can be used to remove any silt build up or it can be done manually.

The tank inspection needs to be carried out by someone who has successfully completed a confined space training course.