

**YOUR EQUIPMENT**  
In warmth and in reliable protection from all weather conditions and mechanical influences!

**PIPEWOOL E - CAPACITIVE**



Execution of the construction - Segments

Types of segment connections - Segments - Mounting brackets of the rings

Direction **Vertical or Horizontal**

Product outer diameter D (mm) **from 500 mm** (According to the Customer's specifications)

Capacitive length (mm) **from 500 mm** (According to the Customer's specifications)

Metal type & thickness (mm) Zn 0,50/0,55/0,80/1,00    Al 0,50/0,80 mm    St 0,50 mm

Diameter D<sub>2</sub> of the hole for the pipeline (mm) According to the Customer's TOR

Number of segments **Depending on the diameter**

Product type for the bottom **Zeppelin** or According to the Customer's TOR

Diameter of the rings (mm) According to the Customer's TOR

Type / thickness of metal rings According to the Customer's TOR

Accessories **Assortment** / According to the Customer's technical specifications

<b>03</b>	<b>PIPEWOOL</b>	<b>EZn</b>	<b>1500</b>	<b>3000</b>	<b>080</b>	<b>M</b>
Product type	Manufacturer brand	Product view; Metal type	Shell diameter D (mm)	Shell length L (mm)	Metal thickness (mm)	Product for the bottom (t/s)



It is possible to manufacture an internal hole for fittings, fittings. All shells are equipped with the necessary number of rivets or screws (at the request of the customer). Discounts are provided depending on the purchase volume. Prices are shown with VAT.

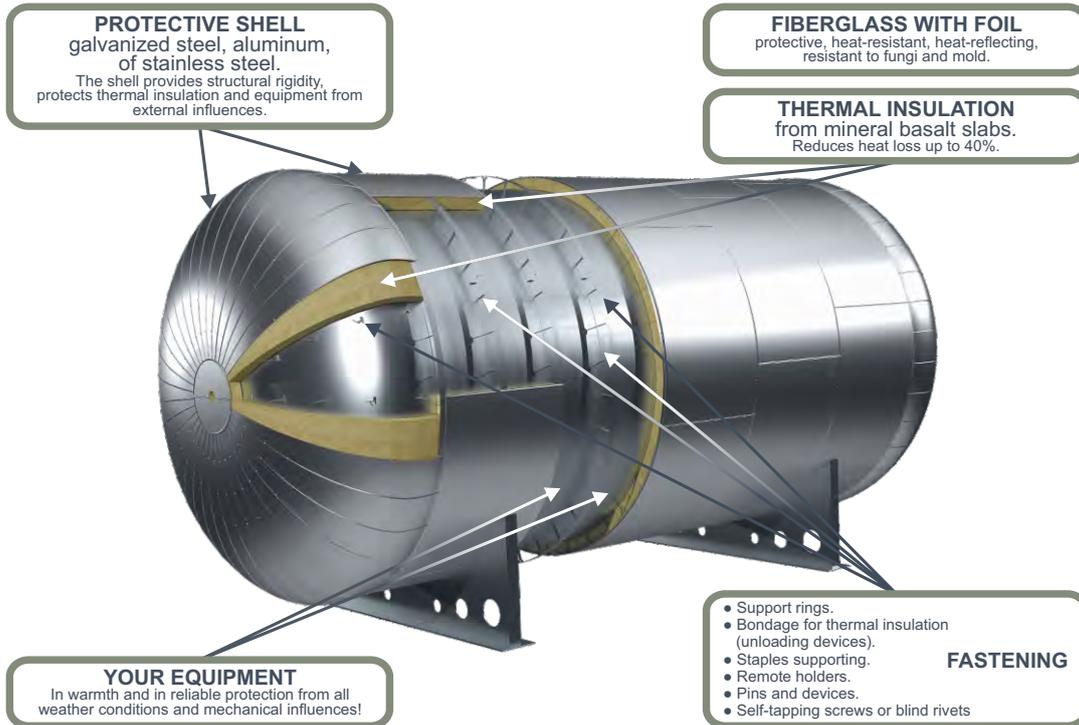


TU 4937-002-61278130-2016

Execution of the construction	 - Segments														
Types of segment connections	 - Segments  - Mounting brackets of the rings														
Shell connections	 - Open ridge  - Closed ridge  - Longitudinal ridge														
Feature	Direction  <b>Vertical or Horizontal</b>														
	Product outer diameter D (mm)  <b>from 500 mm</b> (According to the Customer's specifications)														
	Capacitive length (mm)  <b>from 500 mm</b> (According to the Customer's specifications)														
	Metal type & thickness (mm)  <b>Zn 0,50/0,55/0,80/1,00</b> <b>Al 0,50/0,80 mm</b> <b>St 0,50 mm</b>														
	Diameter D <sub>2</sub> of the hole for the pipeline (mm)  According to the Customer's TOR														
	Number of segments  <b>Depending on the diameter</b>														
	Product type for the bottom  <b>Zeppelin</b> or According to the Customer's TOR														
	Diameter of the rings (mm)  According to the Customer's TOR														
	Type / thickness of metal rings  According to the Customer's TOR														
	Accessories  <b>Assortment</b> / According to the Customer's technical specifications														
Metal type	 Galvanized steel;  Aluminum;  Stainless steel.														
Mounting direction	 <b>Double-sided</b>														
Marking	<table border="1" style="width: 100%; text-align: center;"> <tr> <td><b>O3</b></td> <td><b>PIPEWOOL</b></td> <td><b>EZn</b></td> <td><b>1500</b></td> <td><b>3000</b></td> <td><b>080</b></td> <td><b>M</b></td> </tr> <tr> <td><small>Product type</small></td> <td><small>Manufacturer brand</small></td> <td><small>Product view; Metal type</small></td> <td><small>Shell diameter D (mm)</small></td> <td><small>Shell length L (mm)</small></td> <td><small>Metal thickness (mm)</small></td> <td><small>Product for the bottom (t/s)</small></td> </tr> </table>	<b>O3</b>	<b>PIPEWOOL</b>	<b>EZn</b>	<b>1500</b>	<b>3000</b>	<b>080</b>	<b>M</b>	<small>Product type</small>	<small>Manufacturer brand</small>	<small>Product view; Metal type</small>	<small>Shell diameter D (mm)</small>	<small>Shell length L (mm)</small>	<small>Metal thickness (mm)</small>	<small>Product for the bottom (t/s)</small>
<b>O3</b>	<b>PIPEWOOL</b>	<b>EZn</b>	<b>1500</b>	<b>3000</b>	<b>080</b>	<b>M</b>									
<small>Product type</small>	<small>Manufacturer brand</small>	<small>Product view; Metal type</small>	<small>Shell diameter D (mm)</small>	<small>Shell length L (mm)</small>	<small>Metal thickness (mm)</small>	<small>Product for the bottom (t/s)</small>									

# Quick-detachable constructions Pipewool

TU 23.99.19-004-61278130-2017



QDC CAPACITIVE TANKS PIPEWOOL

## QDC CAPACITIVE PIPEWOOL

Execution of the construction - Segments

Types of segment connections - Segments - Mounting brackets of the rings

view/type thermal insulation **PIPEWOOL**; K-FLEX; Mineral wool (Plates; Mats; Segments); Rockwool; Foam glass; Pyrogel; Basalt wool; Other (\*additional task); Waterproofing (\*additional task)



Direction	<b>Vertical or Horizontal</b>		
Marking of insulation	<b>80; 100; 120; 150; 200</b>		
Product outer diameter D (mm)	<b>from 500 mm</b> (According to the Customer's specifications)		
Capacitive length (mm)	<b>from 500 mm</b> (According to the Customer's specifications)		
Insulation thickness (mm)	<b>from 20 to 200 mm</b>		
Metal type & thickness (mm)	<b>Zn 0,50/0,55/0,80/1,00</b>	<b>Al 0,50/0,80 mm</b>	<b>St 0,50 mm</b>
Diameter D <sub>2</sub> of the hole for the pipeline (mm)	According to the Customer's TOR		
Number of segments	<b>Depending on the diameter</b>		
Product type for the bottom	<b>Zeppelin</b> or According to the Customer's TOR		
Diameter of the rings (mm)	According to the Customer's TOR		
Type / thickness of metal rings	According to the Customer's TOR		

Accessories **Assortment** / According to the Customer's technical specifications

Mounts and accessories



<b>QDC</b>	<b>PIPEWOOL</b>	<b>E</b>	<b>150</b>	<b>Zn</b>	<b>1500</b>	<b>3000</b>	<b>150</b>	<b>080</b>	<b>34</b>	<b>M</b>
Product type	Manufacturer brand	Product view	Marking of insulation	Metal type	Shell diameter D (mm)	Shell length L (mm)	Thermal insulation thickness (mm)	Metal thickness (mm)	Number of segments (pieces)	Product for the bottom (t/s)

**L** - Lock   **BL** - Bandage with a lock   **BB** - Bandage with a buckle   **SC** - Self-tapping screw   **ER** - Exhaust rivet   **SS** - Staples supporting

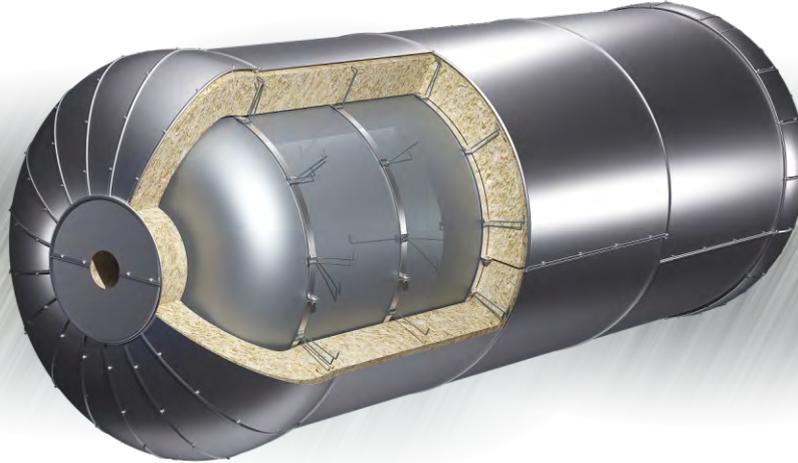
[pipewool.pw](http://pipewool.pw)

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+7(35139) 2-79-00

**Information about the customer.**

Customer?* The company?*	
Object / # Order form / Date	
Phone / Your name?*	
Mail:	


**General Parameters.**

 \* 000,00 - Fill it out &  mark it.

Direction	Horizontal <input type="checkbox"/>	Vertical <input type="checkbox"/>
Outer diameter on the tank D (mm)	<input type="text"/> mm	Diameter D2 of the hole for the pipeline <input type="text"/> mm
Tank length L	<input type="text"/> mm (*view the next page)	<input type="text"/> mm (*view the next page)
Bottom length L1	<input type="text"/> mm (*view the next page)	<input type="text"/> mm (*view the next page)
Bottom length L2	<input type="text"/> mm (*view the next page)	<input type="text"/> mm (*view the next page)
Product type for the bottom	Zeppelin <input type="checkbox"/> (*additional application)	

**Calculation of components.**

 \* 000,00 - Fill it out &  mark it.

Number of support rings KO	<input type="text"/> pcs (*formula N1)	<input type="text"/> pcs (*formula N1)
Number of EKO elements	<input type="text"/> pcs (*formula N2)	<input type="text"/> pcs (*formula N2)
Number of paws for KO	<input type="text"/> pcs (*formula N3)	<input type="text"/> pcs (*formula N3)
Number of pins for SB1	<input type="text"/> pcs (*formula N4)	<input type="text"/> pcs (*formula N4)
Number of pins for on the tank	<input type="text"/> pcs (*formula N5H)	<input type="text"/> pcs (*formula N5U)

**Protective shell.**

 \* 000,00 - Fill it out &  mark it.

Connections at the edges (ridges)	<input checked="" type="checkbox"/> GOST <input type="text"/>
Metal type & thickness (mm)	Zn galvanized steel <input type="checkbox"/> 0,50 mm <input type="checkbox"/> 0,55 mm <input type="checkbox"/> 0,80 mm <input type="checkbox"/> 1,00 mm
	Al Aluminum <input type="checkbox"/> 0,50 mm <input type="checkbox"/> 0,80 mm St Stainless steel <input type="checkbox"/> 0,50 mm
Design requirements	Overlap <input type="text"/> mm add <input type="text"/>
Coloring	yes <input type="checkbox"/> no <input type="checkbox"/> Color <input type="text"/>
Shell fastenings	Self-tapping screw <input checked="" type="checkbox"/> Exhaust rivet <input type="checkbox"/>
Cramped conditions	

**Thermal insulation.**

 \* 000,00 - Fill it out &  mark it.

view/type thermal insulation	PIPEWOOL <input checked="" type="checkbox"/> K-FLEX <input type="checkbox"/> Mineral wool: Plates <input type="checkbox"/> Plates <input type="checkbox"/> Segments <input type="checkbox"/>
	Rockwool <input type="checkbox"/> Foam glass <input type="checkbox"/> Pyrogel <input type="checkbox"/> Basalt wool <input type="checkbox"/> Other <input type="text"/>
Marking of insulation	<input type="checkbox"/> 80 <input type="checkbox"/> 100 <input type="checkbox"/> 120 <input type="checkbox"/> 150 <input type="checkbox"/> 200
Insulation thickness (mm)	<input type="text"/> mm 1 layer <input type="checkbox"/> 2 layer <input type="checkbox"/>
Waterproofing	yes <input type="checkbox"/> no <input type="checkbox"/> Material <input type="text"/>

<b>Formula N1</b>
$N1 = \frac{L-L1-L2}{1000mm} + 1$

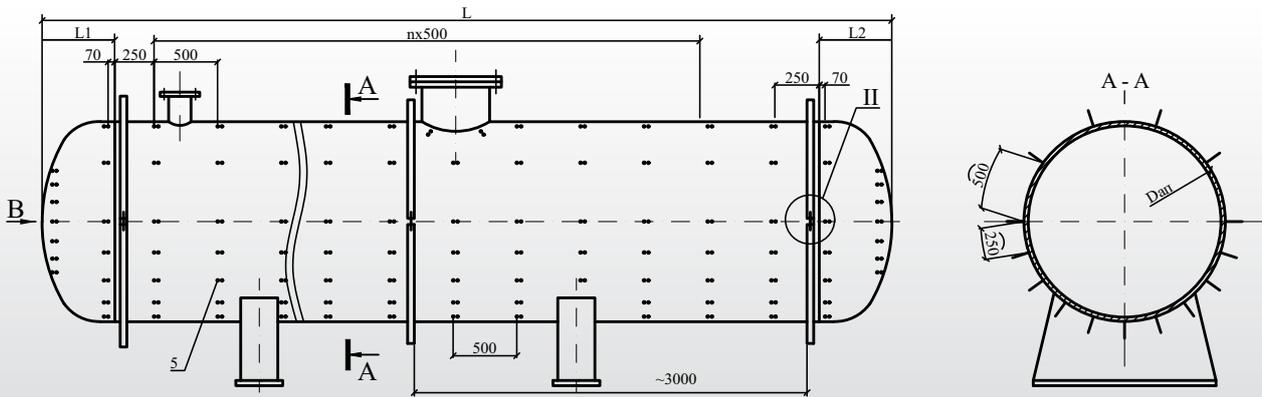
<b>Formula N2</b>
$N2 = \frac{D*3,14}{2500mm}$

<b>Formula N3</b>
$N3 = \frac{D*3,14}{500mm} + 1$

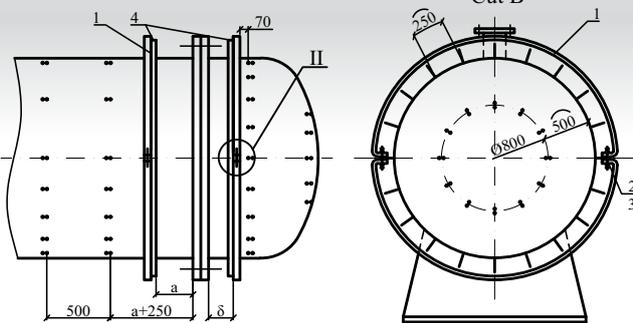
<b>Formula N4</b>
$N4 = \frac{D*3,14}{250mm} + 1$

<b>Formula N5H</b>
$N5H = (2L+1)*D*3,14*3$

### ARRANGEMENT OF RINGS AND PINS ON A HORIZONTAL TANK



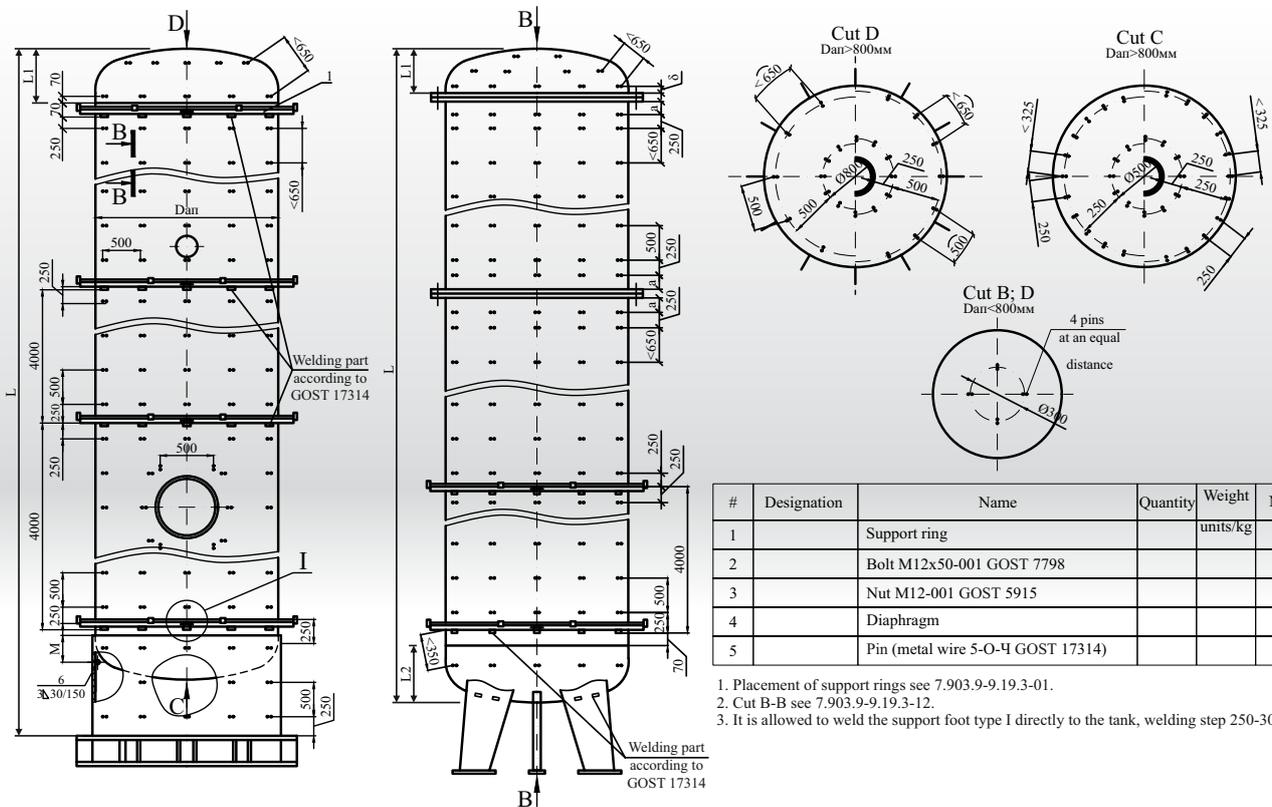
Bottom with flanged connection



#	Designation	Name	Quantity	Weight units/kg	Note
1		Support ring			
2		Bolt M12x50-001 GOST 7798			
3		Nut M12-001 GOST 5915			
4		Diaphragm			
5		Pin (metal wire 5-O-Ч GOST 17314)			

1. Placement of support rings see 7.903.9-9.19.3-01.
2. Cut B-B see 7.903.9-9.19.3-12.
3. If there are welded parts in accordance with the appendix 1 GOST 17314 pins (position 5) are installed in the welded parts. Pins are made according to GOST 17314.

### ARRANGEMENT OF RINGS AND PINS ON A VERTICAL TANK



#	Designation	Name	Quantity	Weight units/kg	Note
1		Support ring			
2		Bolt M12x50-001 GOST 7798			
3		Nut M12-001 GOST 5915			
4		Diaphragm			
5		Pin (metal wire 5-O-Ч GOST 17314)			

1. Placement of support rings see 7.903.9-9.19.3-01.
2. Cut B-B see 7.903.9-9.19.3-12.
3. It is allowed to weld the support foot type 1 directly to the tank, welding step 250-300 mm.