

S **SHRIDHAN**[®]
Automate your Field

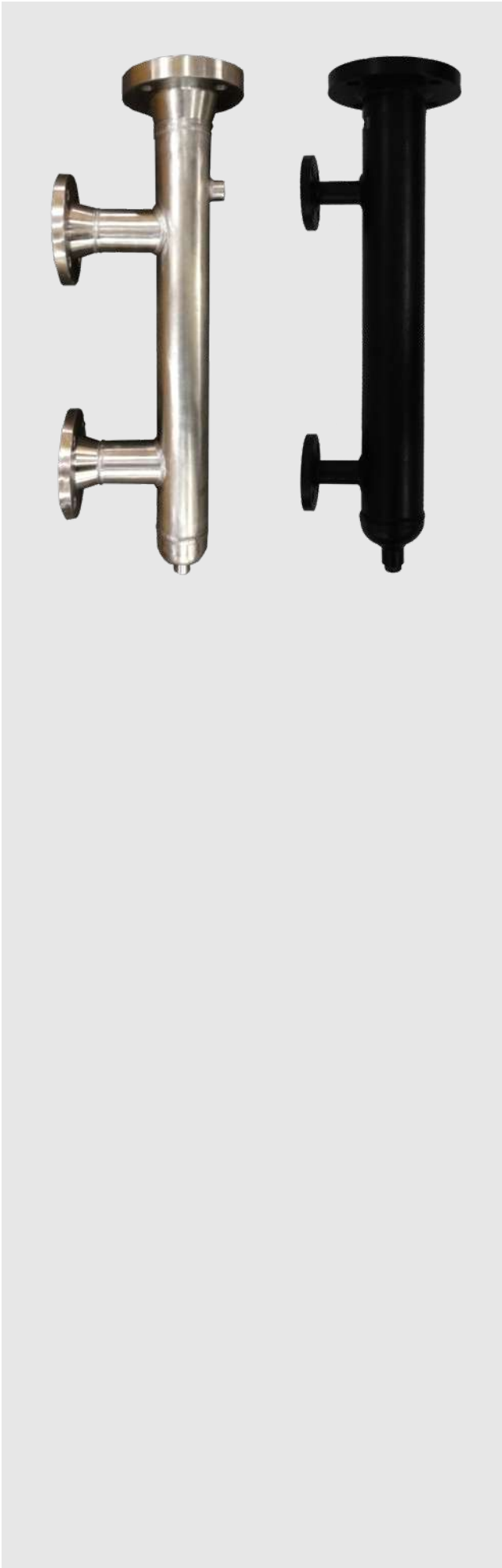


EXTERNAL CHAMBERS

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1. EXCS SERIES - EXTERNAL CHAMBERS

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1. EXTERNAL CHAMBERS – EXCS

External Chambers are used for mounting the Shridhan / other range of process level instruments to a vessel. Externally mounting an instrument in a chamber means it can be isolated for routine maintenance while keeping the plant operational. It is also useful for in-tank restrictions that do not allow mounting of the instrument in a vessel.

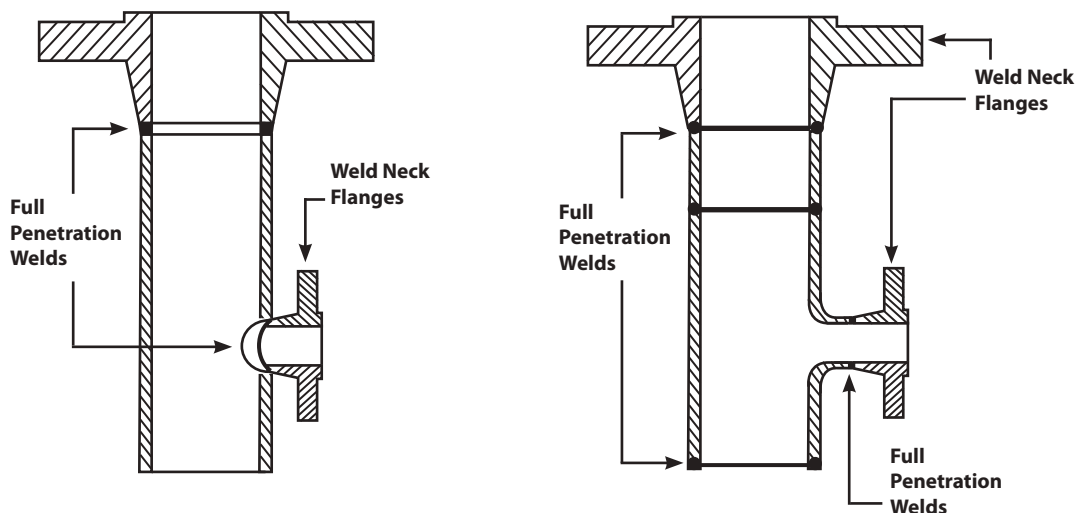
FEATURES :

- Global quality assured design and manufacturing
- Designed to the ASME B31.3 Process Piping Code.
- Conforms to Pressure Equipment Directive (PED) 97/23/EC for liquids in Groups 1 and 2
- Industry standard weld neck flanges are used throughout, Increasing safety by minimizing stress levels and the number of welds. All welds are full penetration to increase integrity and Reduce corrosion
- Optimized for use with Guided Wave Radar, Hydrostatic, Float based and Magnetostrictive Level Transmitters, Displacer Level Switches and Transmitters, Vertical Float Level Switches, Horizontal Float Level Switches.
- Drain options for even easier maintenance of the instrument. Optional vent allows gas in the upper zone above the liquid to be vented off.

1.1 CHAMBER DESIGN :

Weld Neck Flanges And Full Penetration Welds are in accordance with EN ISO 15614-1:2004, and ASME Boiler and Pressure Vessel Code Section IX. All welders are qualified to EN 287-1:2004 and ASME Boiler and Pressure Vessel Code Section IX. All construction materials have full traceability. Also optional in accordance with the EN 10204 type 3.1 certificate. Hydrostatic tests performed as standard.

There are two designs available: Standard Design and T-piece Design.



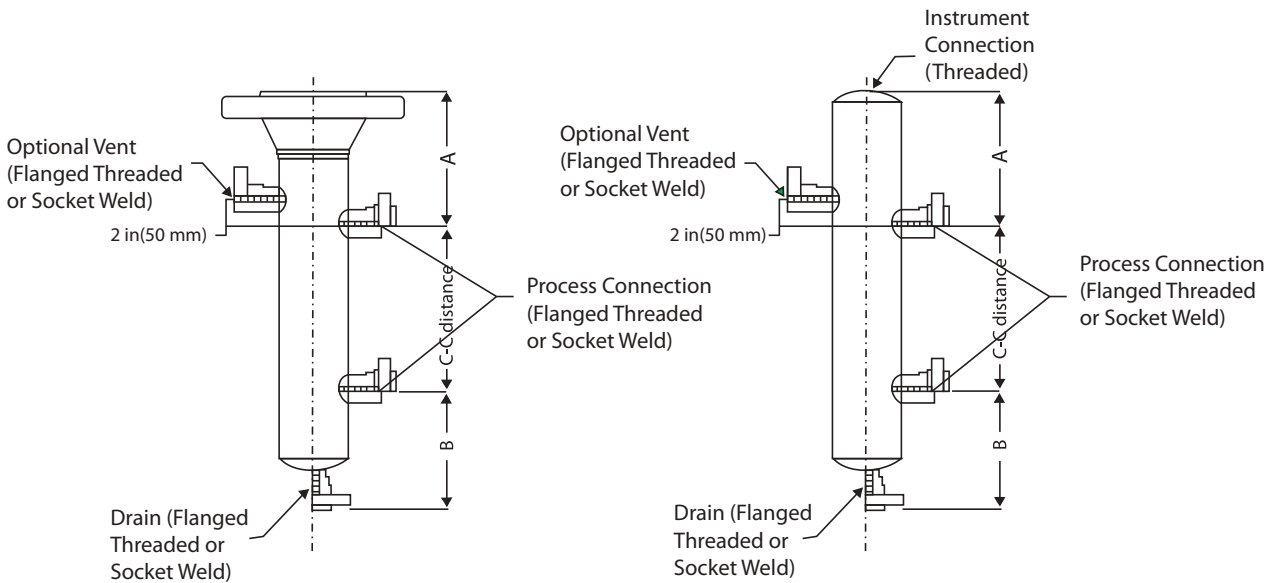
1.2 STANDARD DESIGN FLANGES AND WELDS

Process connections are welded directly onto the chamber body, minimizing the number of welds for increased safety. ,

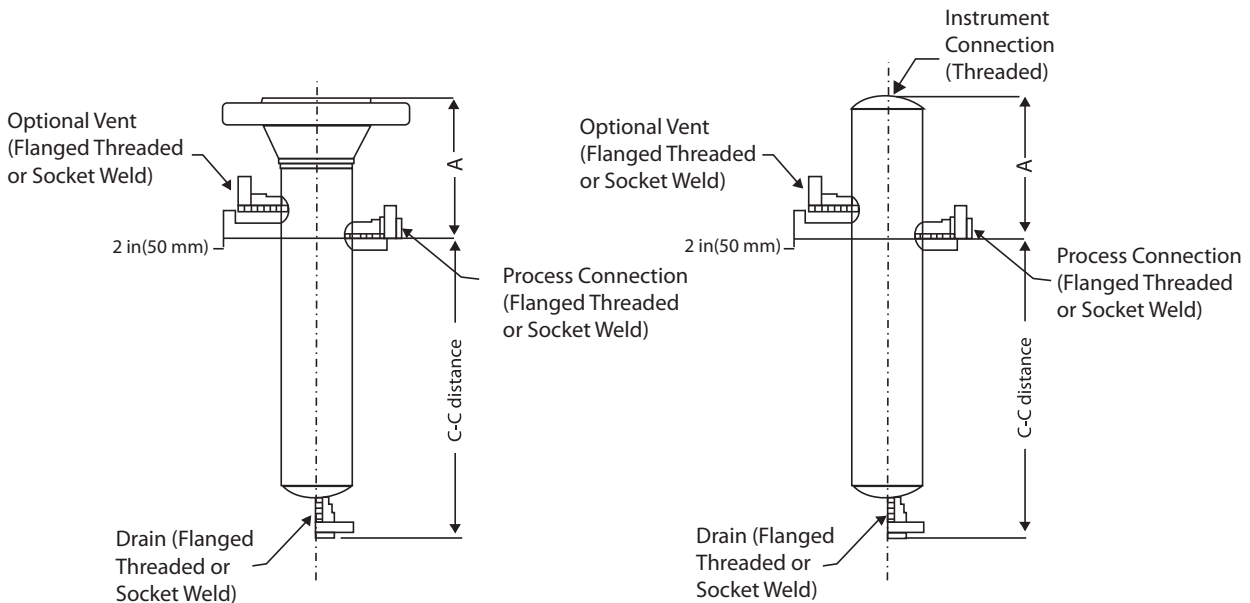
T-PIECE FLANGE AND WELDS

Used when a 1-in. (40 mm) or 2-in. (50 mm) process connection is required on a 3-in. (80 mm) chamber. Unequal T's are used so that the larger process connections can fit on the smaller chamber body.

STANDARD SIDE - SIDE CHAMBER DESIGN



STANDARD SIDE - BOTTOM CHAMBER DESIGN



1.3 ORDERING INFORMATION FOR EXTERNAL CHAMBERS

SPECIFY PART NO. → EXCS **1** **2** **3** **4** **5** **6** **7** **8** **9** **10** **11** **12** **13** **14**

EXCS

Example EXCS

1 INSTRUMENT :

- 1: Guided Wave Radar Level Transmitter
- 2: Non-Contact Radar Level Transmitter
- 3: Vertical Float Level Switches
- 4: Magnetostrictive Level Transmitter
- 5: Displacer Level Switch / Transmitter
- 6: Bridle Arrangement with MLI
- 7: Others

2 DESIGN :

- 1: Standard
- 2: T-Piece

3 MATERIAL OF CONSTRUCTION :

- 1: Carbon Steel
- 2: Stainless Steel 304
- 3: Stainless Steel 316
- 4: Others (Please Specify)

4 CHAMBER SIZE :

- 1 : DN 50
- 2 : DN 65
- 3 : DN 80
- 4 : DN 100

5 CHAMBER RATING :

- 1: Class 150 Flange ASME B16.5
- 2: Class 300 Flange ASME B16.5
- 3: Class 600 Flange ASME B16.5
- 4: Class 900 Flange ASME B16.5
- 5: PN16 Flange
- 6: PN 40 Flange
- 7: PN 64 Flange
- 8: PN 100 Flange
- 9: PN 160 Flange

6 INSTRUMENT CONNECTION :

- 1: RF Flange
- 2: RTJ Flange
- 3: Threaded (Female) (NPT / BSP)

7 GASKET / SEALING :

- 1 : Flat Ring
- 2 : Spiral Wound (SS316)
- 3 : Ring Joint (SS316)

8 PROCESS CONNECTION: SIZE :

- 1) 25mm
- 2) 40mm
- 3) 50mm
- 4) Others

9 TYPE :

- 1) RF Flange
- 2) RTJ Flange
- 3) NPT Thread
- 4) BSP Thread
- 5) Socket Weld
- 6) Others

11 VENT:

- 1) ½"
- 2) ¾"
- 3) 1"
- 4) Others
- A) RF Flange
- B) RTJ Flange
- C) NPT Thread
- D) BSP Thread

10 RATING :

- 1) Class 150
- 2) Class 300
- 3) Class 600
- 4) Class 900
- 5) PN 16
- 6) PN 40
- 7) PN 64
- 8) PN 100
- 9) PN 160
- 10) Others

12 DRAIN :

- 5) ½"
- 6) ¾"
- 7) 1"
- 8) Others
- A) RF Flange
- B) RTJ Flange
- C) NPT Thread
- D) BSP Thread

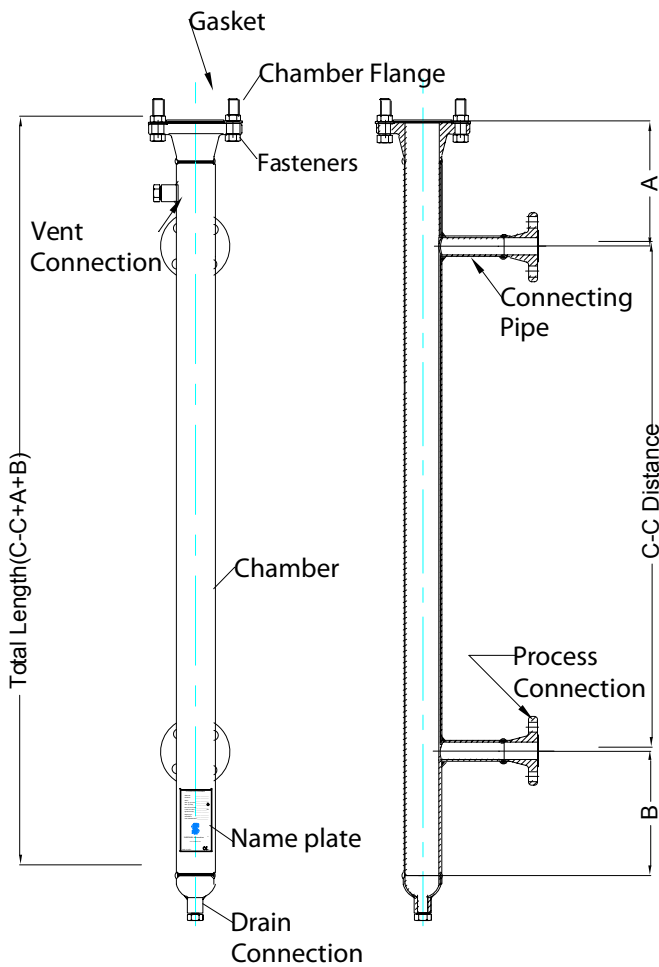
13 SPECIAL OPTIONS :

- 1) NACE MR0175 Compliance and Material Certificate
- 2) PED 97 / 23 / EC Certification
- 3) IBR
- 4) EN 10204 3.1 Certificate
- 5) None

14 TESTING :

- 1) Hydrostatic Pressure Test Certificate (Standard)
- 2) Dye-Penetrant Test
- 3) Radiography Level 1 / Level 2
- 4) Others

2"NB Chamber, 2"150# Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
2. BS Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
3. DIN Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)

Threaded Option:

1. BSP : (½", 1", 1 ½", 2") Male/Female
2. NPT : (½", 1", 1 ½", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

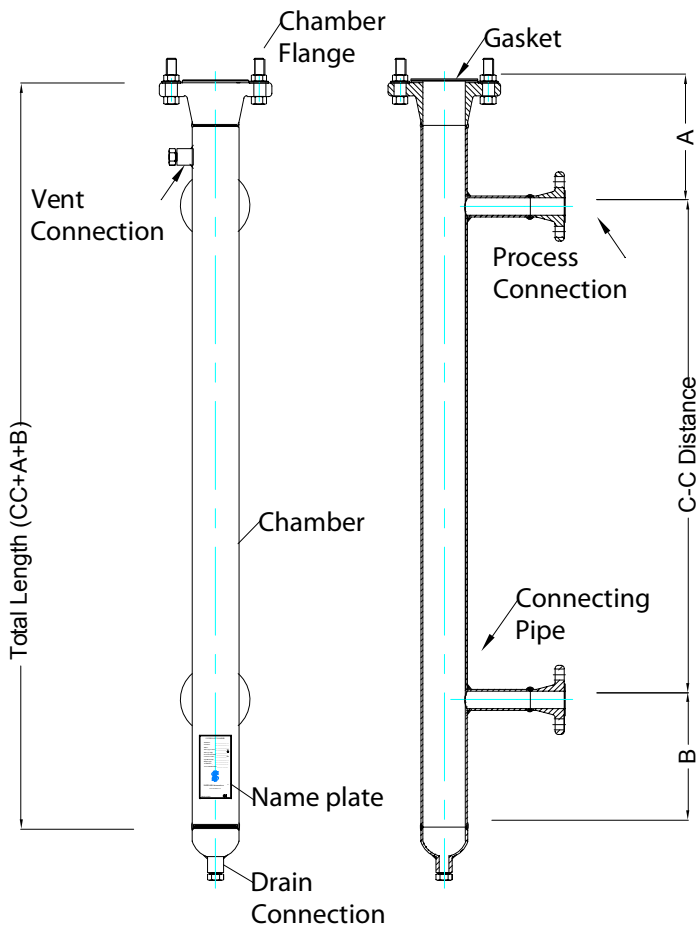
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

2 ½"NB Chamber, 2 ½"150# Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
2. BS Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
3. DIN Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)

Threaded Option:

1. BSP : (½", 1", 1 ½", 2") Male/Female
2. NPT : (½", 1", 1 ½", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

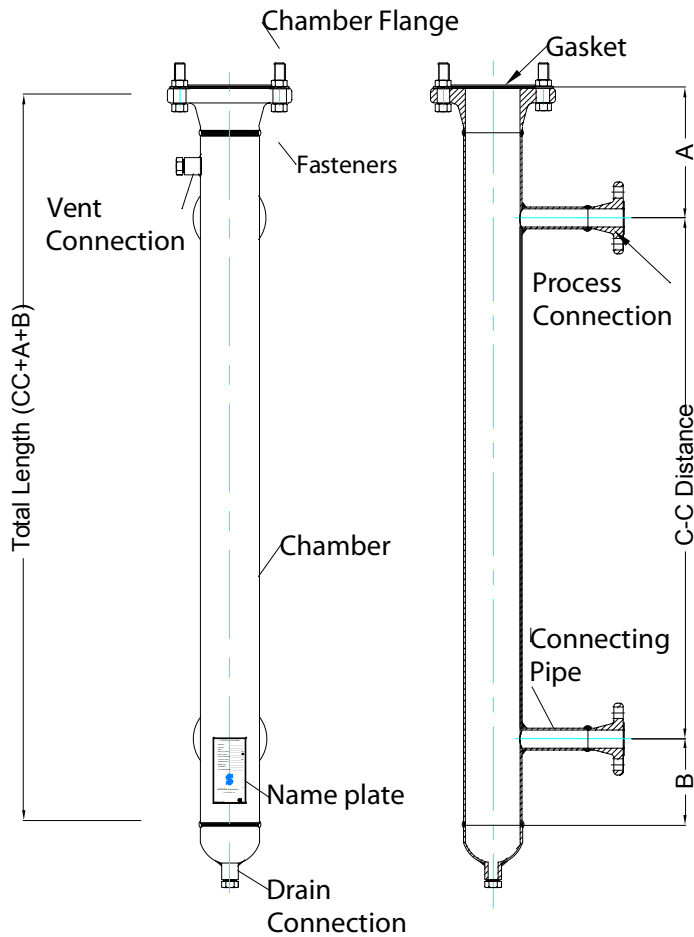
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

3"NB Chamber,3"150#Flange



Process Connection Options:

1. ANSI B16.5 Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)
2. BS Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)
3. DIN Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)

Threaded Option:

1. BSP : ($\frac{1}{2}$ " ,1" ,1 $\frac{1}{2}$ " ,2") Male/Female
2. NPT : ($\frac{1}{2}$ " ,1" ,1 $\frac{1}{2}$ " ,2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

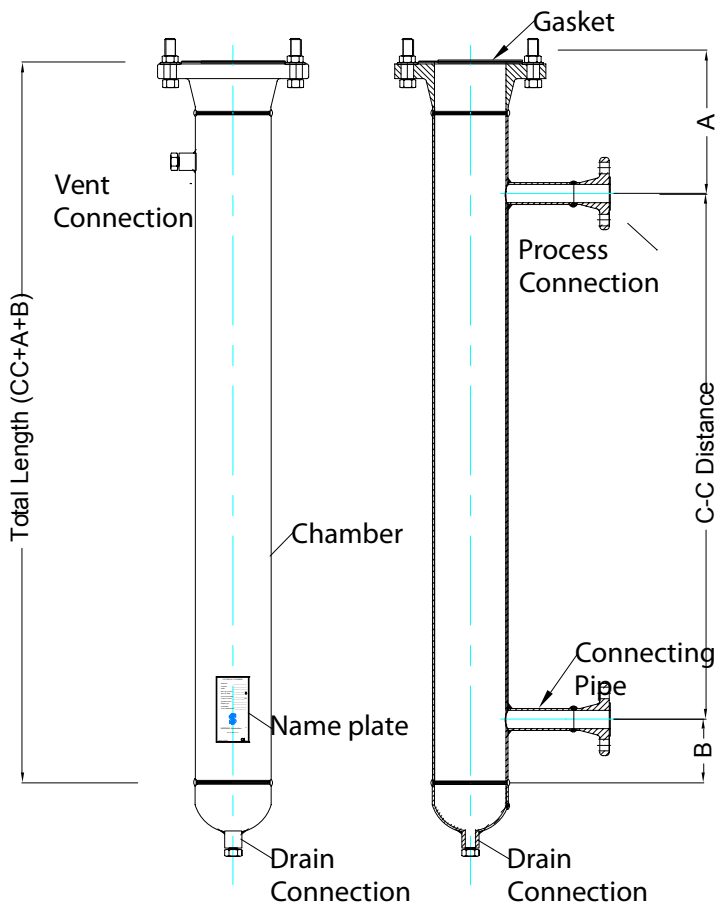
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

4"NB Chamber,4"150#Flange



Process Connection Options:

1. ANSI B16.5 Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)
2. BS Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)
3. DIN Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)

Threaded Option:

1. BSP : ($\frac{1}{2}$ " ,1" ,1 $\frac{1}{2}$ " ,2") Male/Female
2. NPT : ($\frac{1}{2}$ " ,1" ,1 $\frac{1}{2}$ " ,2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

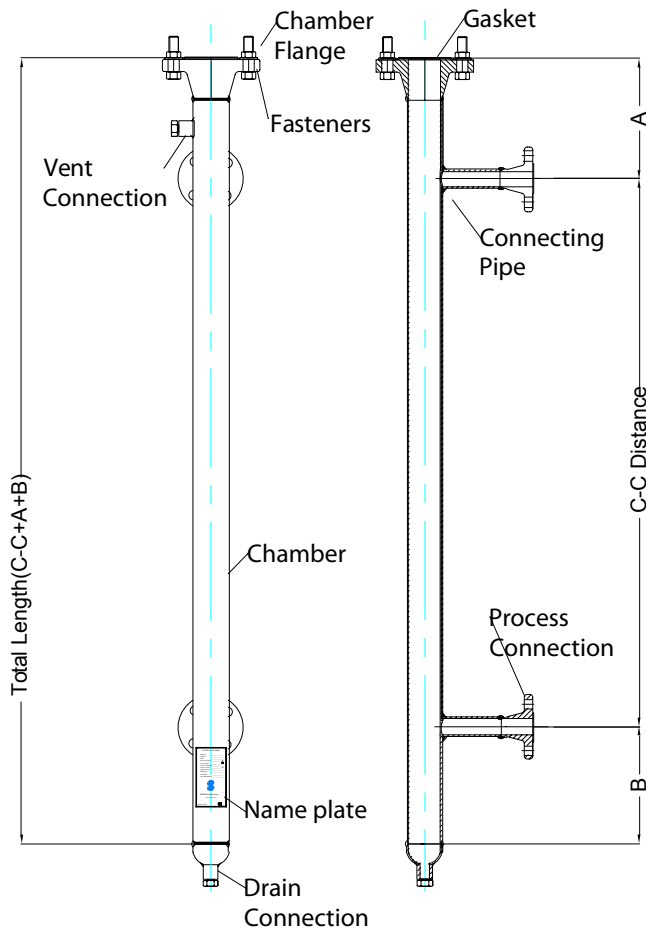
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

2"NB Chamber, 2"300# Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
2. BS Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
3. DIN Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)

Threaded Option:

1. BSP : (½", 1", 1 ½", 2") Male/Female
2. NPT : (½", 1", 1 ½", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

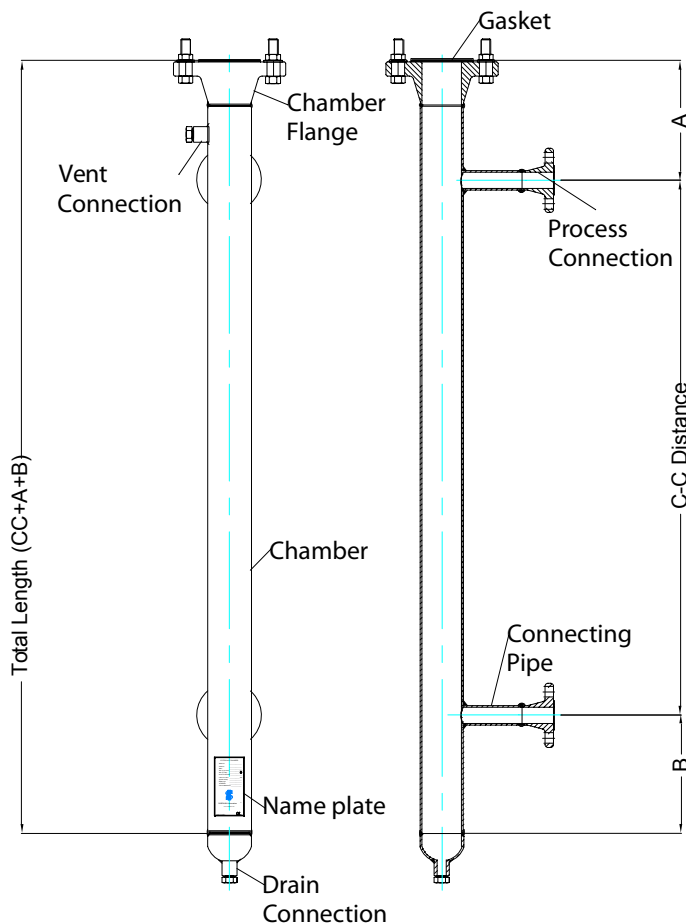
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

2 ½"NB Chamber, 2½"300# Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
2. BS Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
3. DIN Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)

Threaded Option:

1. BSP : (½", 1", 1 ½", 2") Male/Female
2. NPT : (½", 1", 1 ½", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

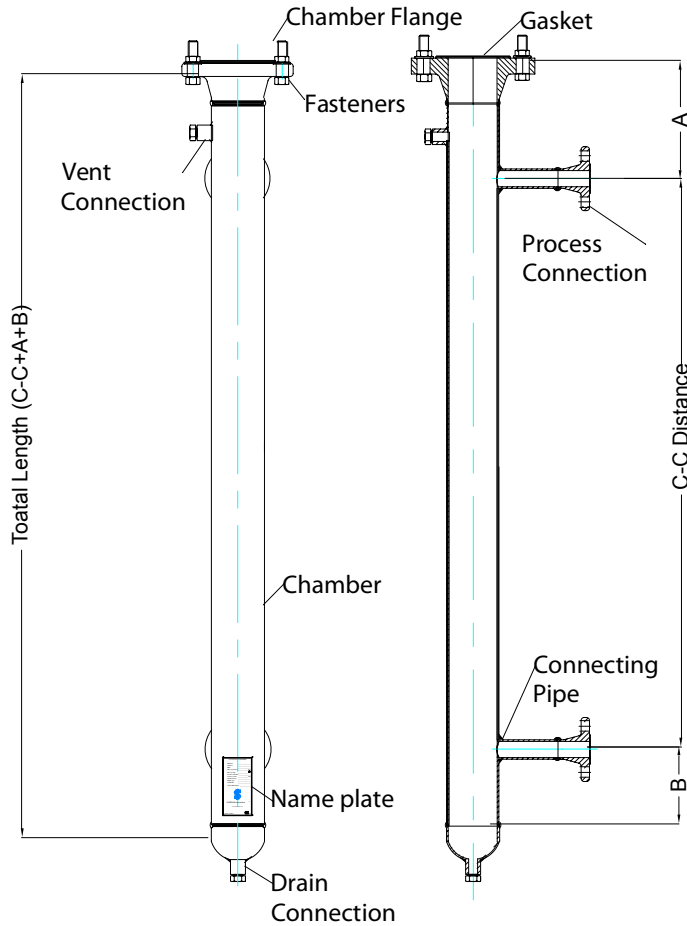
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

3"NB Chamber,3"300#Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB,1" NB,1 ½"NB,2"NB)
2. BS Standard (½"NB,1" NB,1 ½"NB,2"NB)
3. DIN Standard (½"NB,1" NB,1 ½"NB,2"NB)

Threaded Option:

1. BSP : (½",1",1 ½",2") Male/Female
2. NPT : (½",1",1 ½",2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

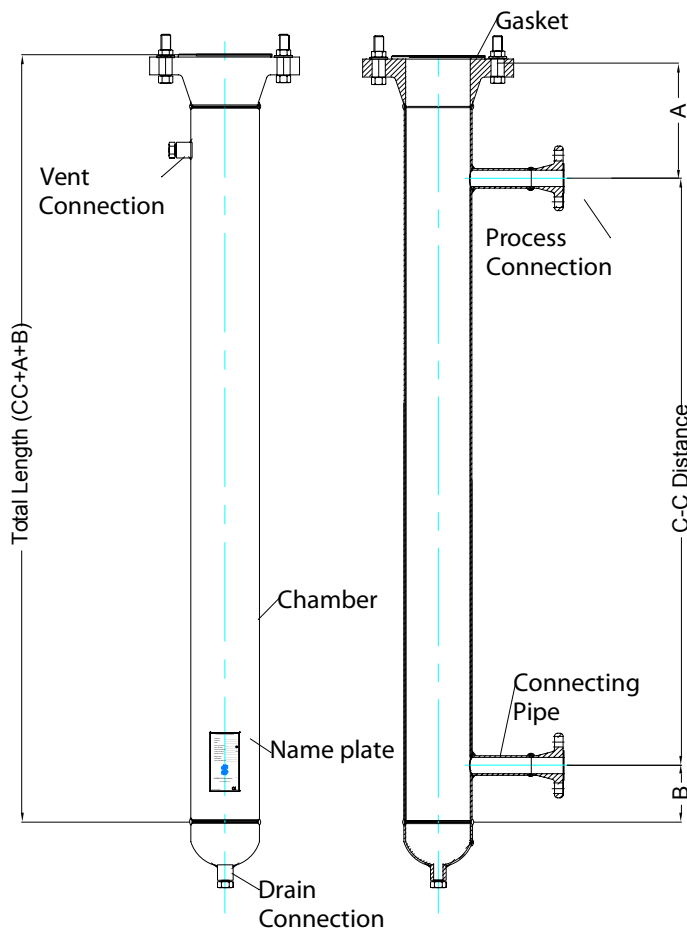
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

4"NB Chamber,4"300#Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB,1" NB,1 ½"NB,2"NB)
2. BS Standard (½"NB,1" NB,1 ½"NB,2"NB)
3. DIN Standard (½"NB,1" NB,1 ½"NB,2"NB)

Threaded Option:

1. BSP : (½",1",1 ½",2") Male/Female
2. NPT : (½",1",1 ½",2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

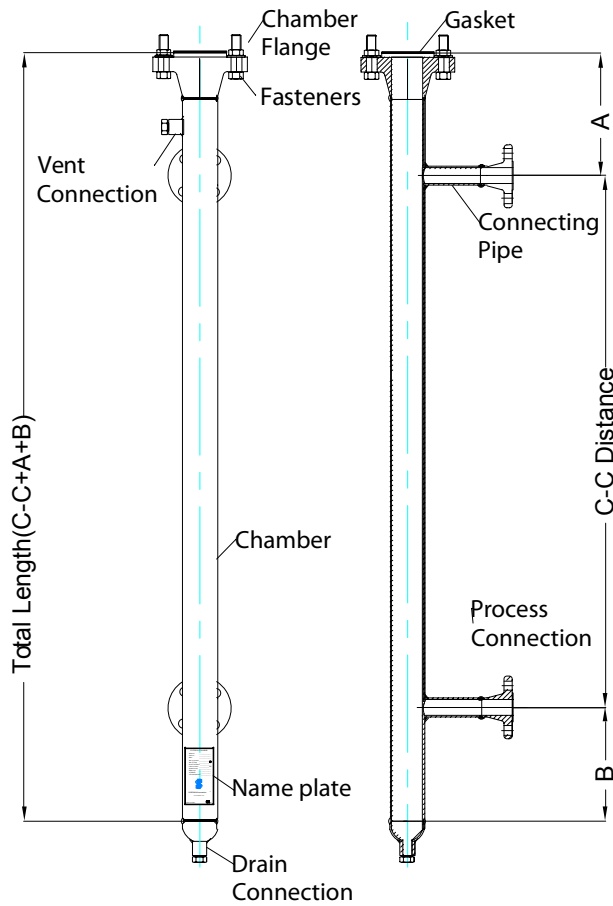
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

2"NB Chamber, 2" 600# Flange



Process Connection Options:

1. ANSI B16.5 Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)
2. BS Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)
3. DIN Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)

Threaded Option:

1. BSP : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
2. NPT : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

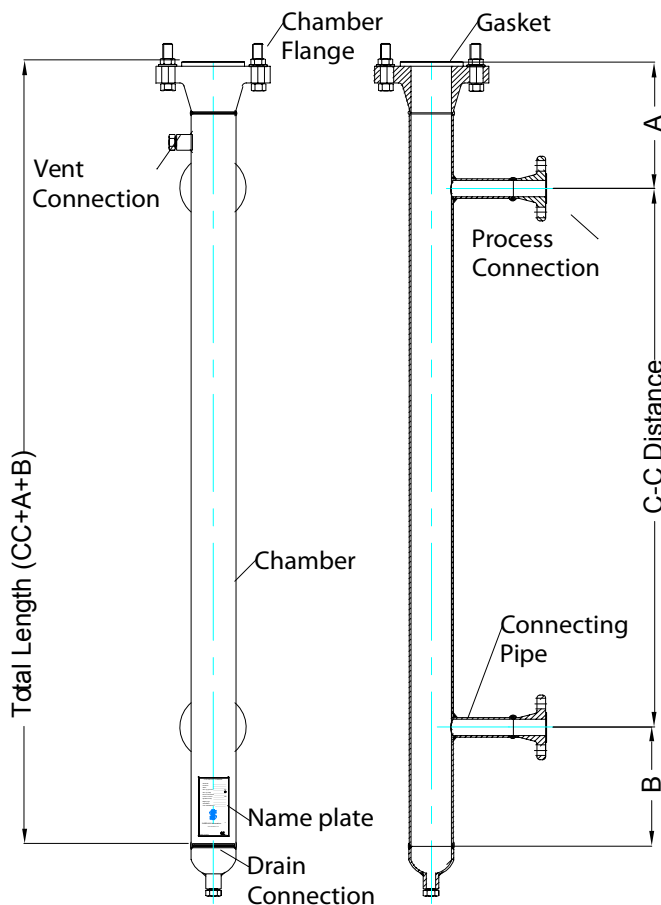
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

2 $\frac{1}{2}$ " NB Chamber, 2 $\frac{1}{2}$ " 600# Flange



Process Connection Options:

1. ANSI B16.5 Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)
2. BS Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)
3. DIN Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)

Threaded Option:

1. BSP : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
2. NPT : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

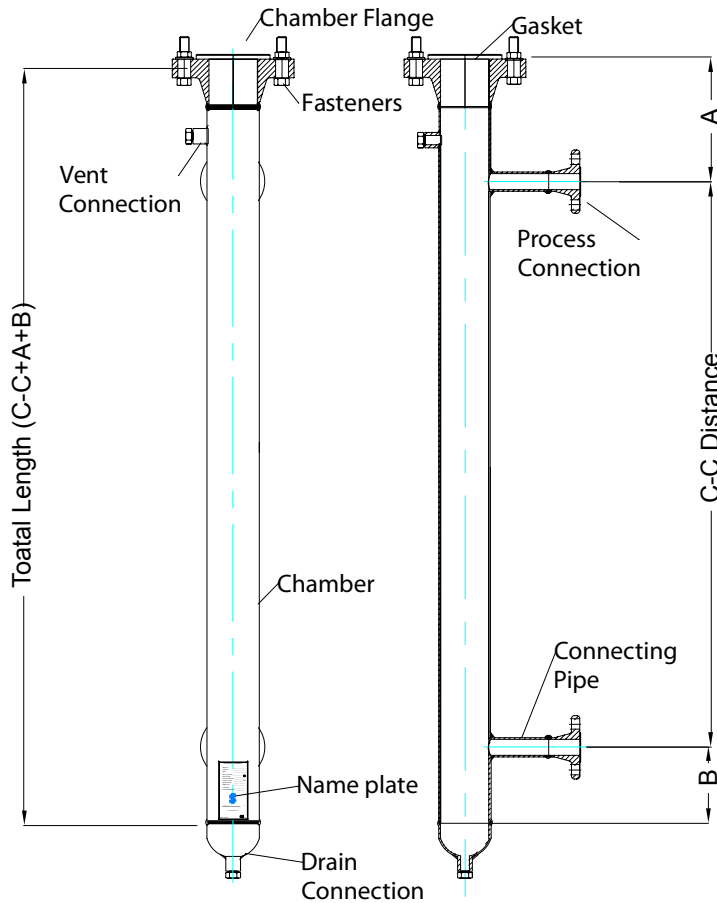
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

3"NB Chamber, 3"600#Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
2. BS Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
3. DIN Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)

Threaded Option:

1. BSP : (½", 1", 1 ½", 2") Male/Female
2. NPT : (½", 1", 1 ½", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

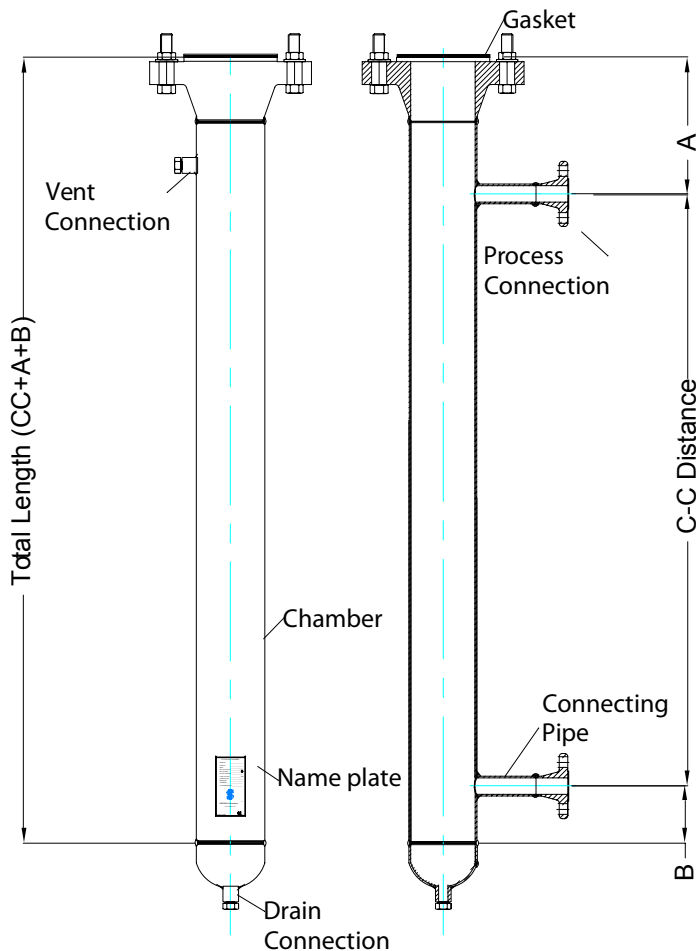
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

4"NB Chamber, 4"600#Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
2. BS Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
3. DIN Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)

Threaded Option:

1. BSP : (½", 1", 1 ½", 2") Male/Female
2. NPT : (½", 1", 1 ½", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

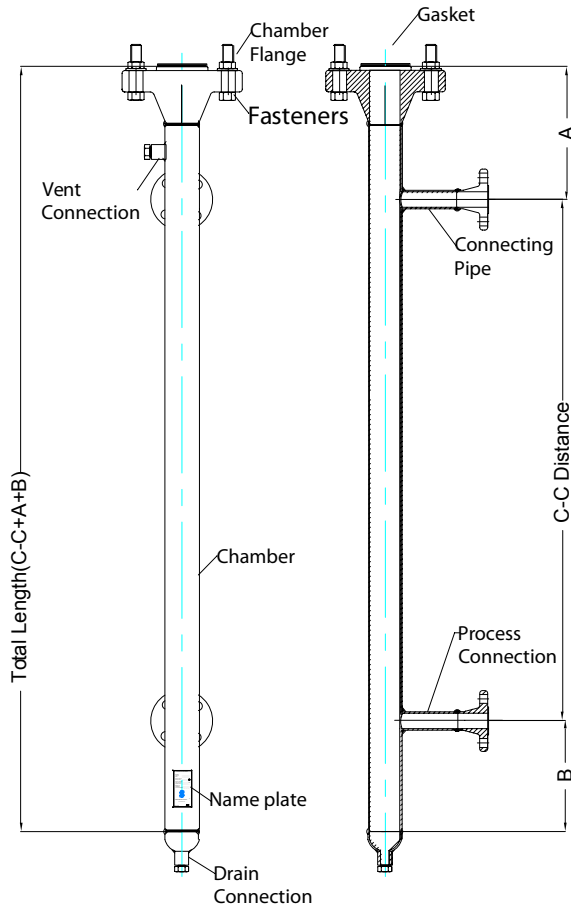
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

2"NB Chamber,2"900#Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB,1" NB,1 ½"NB,2"NB)
2. BS Standard (½"NB,1" NB,1 ½"NB,2"NB)
3. DIN Standard (½"NB,1" NB,1 ½"NB,2"NB)

Threaded Option:

1. BSP : (½",1",1 ½",2") Male/Female
2. NPT : (½",1",1 ½",2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

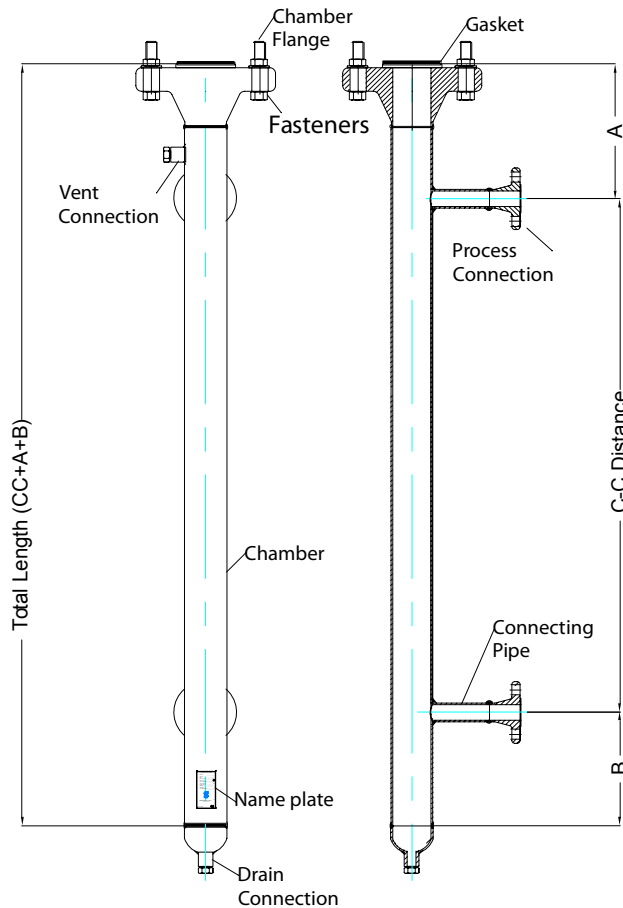
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

2 ½"NB Chamber,2 ½"900#Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB,1" NB,1 ½"NB,2"NB)
2. BS Standard (½"NB,1" NB,1 ½"NB,2"NB)
3. DIN Standard (½"NB,1" NB,1 ½"NB,2"NB)

Threaded Option:

1. BSP : (½",1",1 ½",2") Male/Female
2. NPT : (½",1",1 ½",2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

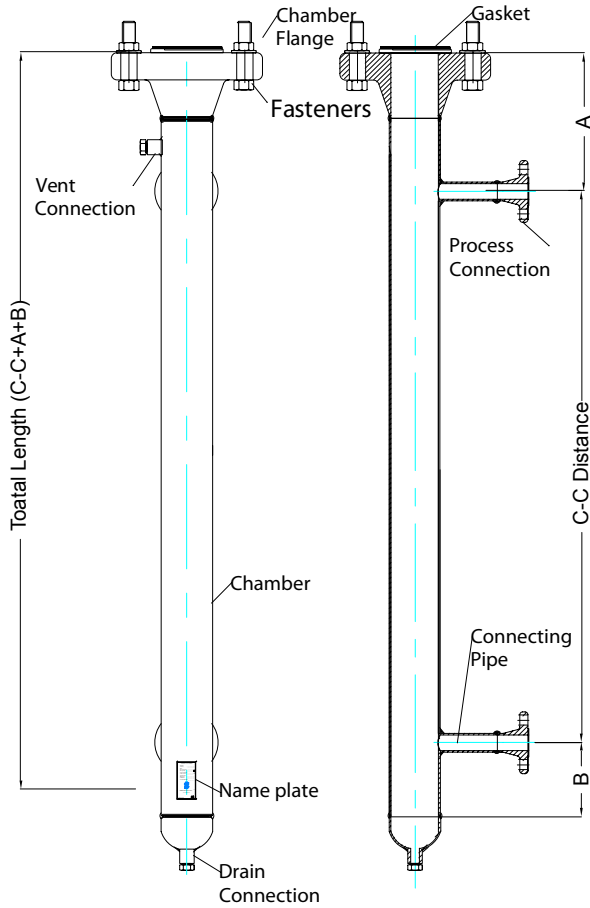
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

3"NB Chamber, 3"900# Flange



Process Connection Options:

1. ANSI B16.5 Standard ($\frac{1}{2}$ "NB, 1" NB, 1 $\frac{1}{2}$ "NB, 2"NB)
2. BS Standard ($\frac{1}{2}$ "NB, 1" NB, 1 $\frac{1}{2}$ "NB, 2"NB)
3. DIN Standard ($\frac{1}{2}$ "NB, 1" NB, 1 $\frac{1}{2}$ "NB, 2"NB)

Threaded Option:

1. BSP : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
2. NPT : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

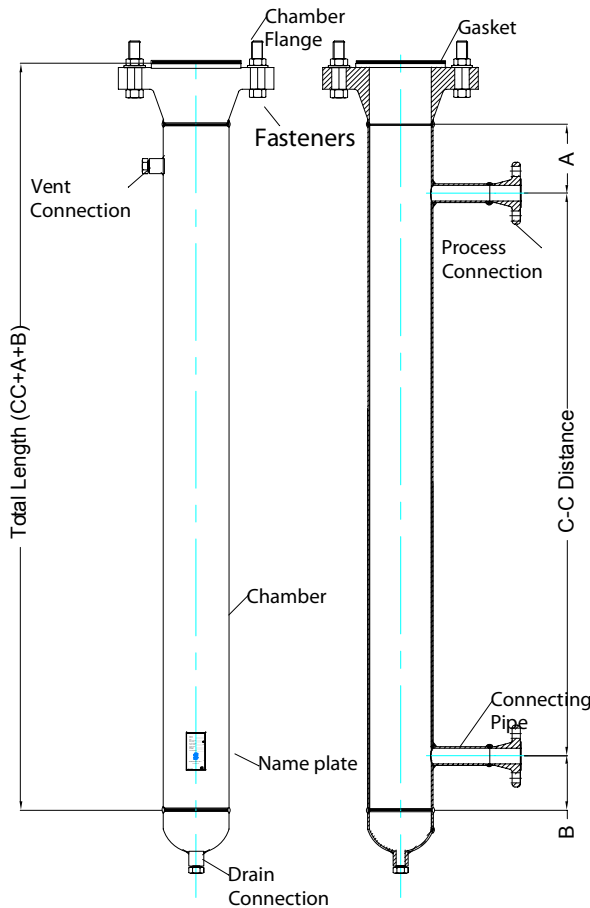
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

4"NB Chamber, 4"900# Flange



Process Connection Options:

1. ANSI B16.5 Standard ($\frac{1}{2}$ "NB, 1" NB, 1 $\frac{1}{2}$ "NB, 2"NB)
2. BS Standard ($\frac{1}{2}$ "NB, 1" NB, 1 $\frac{1}{2}$ "NB, 2"NB)
3. DIN Standard ($\frac{1}{2}$ "NB, 1" NB, 1 $\frac{1}{2}$ "NB, 2"NB)

Threaded Option:

1. BSP : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
2. NPT : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

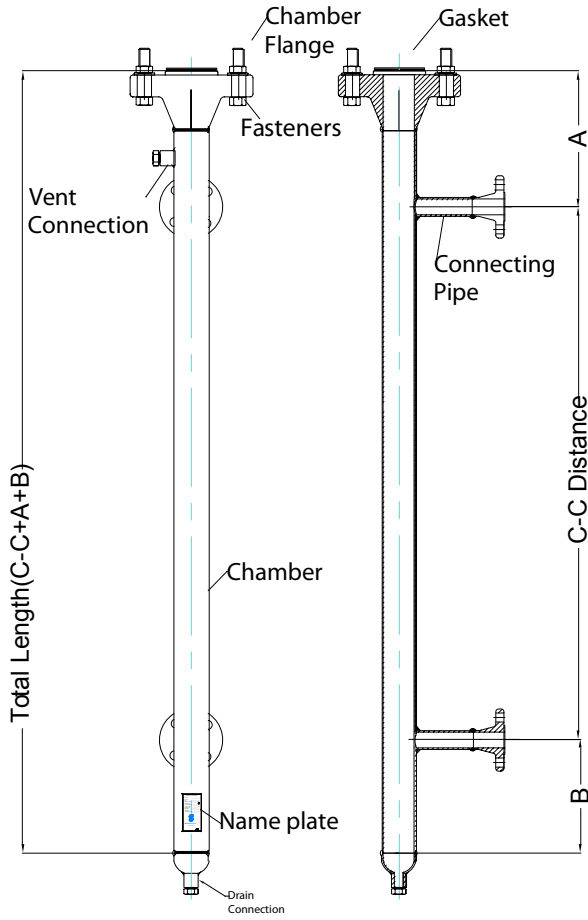
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

2"NB Chamber, 2" 1500# Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
2. BS Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
3. DIN Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)

Threaded Option:

1. BSP : (½", 1", 1 ½", 2") Male/Female
2. NPT : (½", 1", 1 ½", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

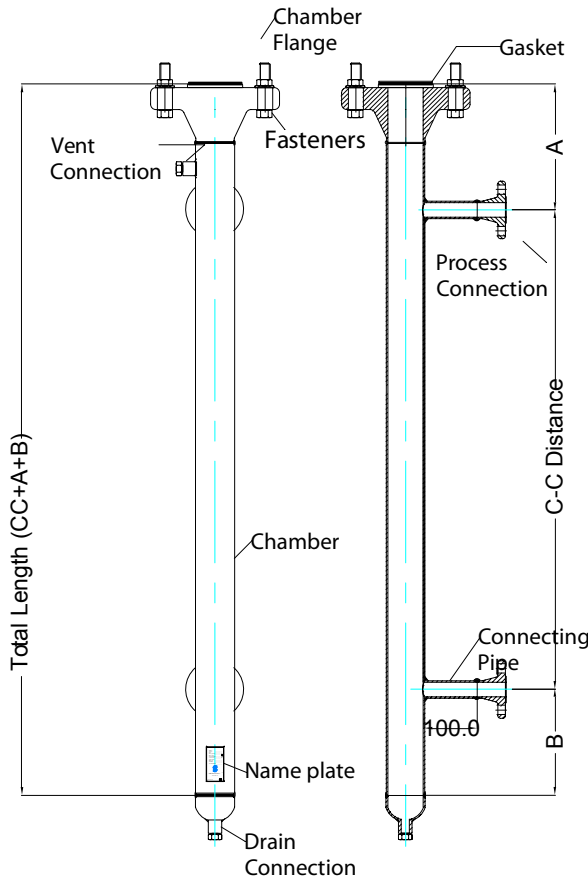
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

2 ½"NB Chamber, 2 ½" 1500# Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
2. BS Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
3. DIN Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)

Threaded Option:

1. BSP : (½", 1", 1 ½", 2") Male/Female
2. NPT : (½", 1", 1 ½", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

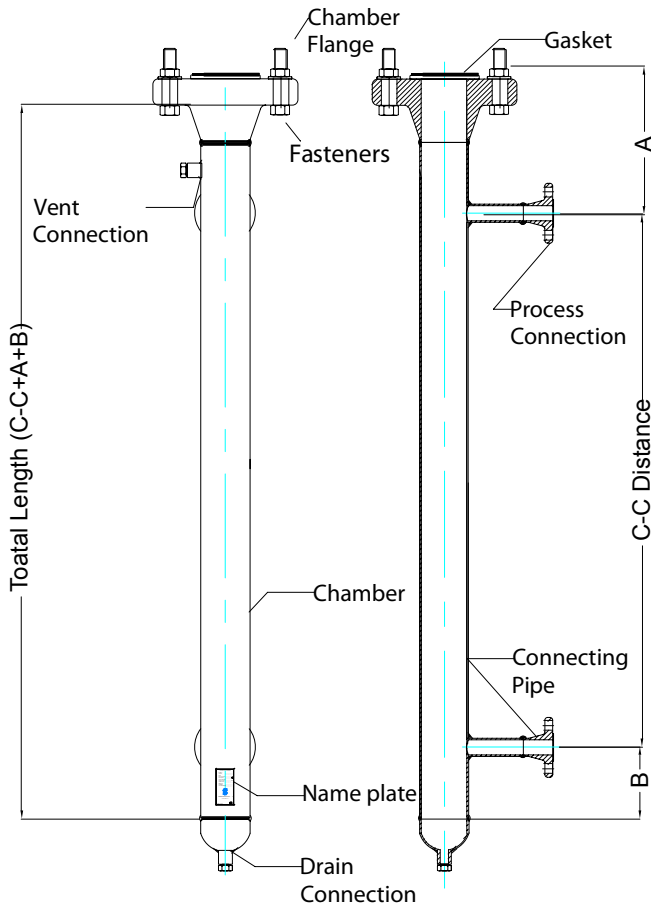
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

3"NB Chamber,3"1500#Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB,1" NB,1 ½"NB,2"NB)
2. BS Standard (½"NB,1" NB,1 ½"NB,2"NB)
3. DIN Standard (½"NB,1" NB,1 ½"NB,2"NB)

Threaded Option:

1. BSP : (½",1",1 ½",2") Male/Female
2. NPT : (½",1",1 ½",2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

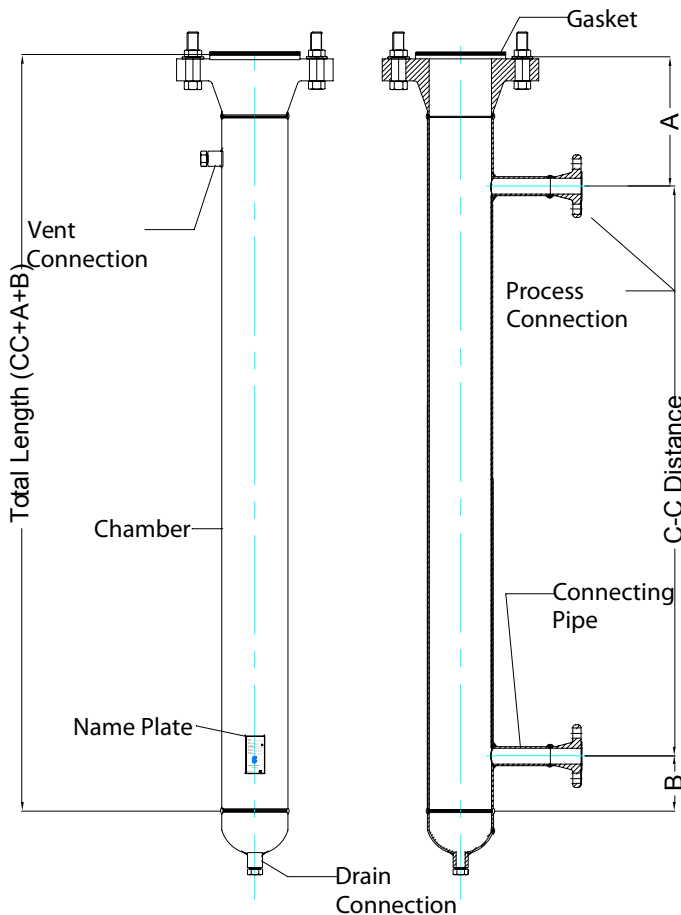
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

4"NB Chamber,4"900#Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB,1" NB,1 ½"NB,2"NB)
2. BS Standard (½"NB,1" NB,1 ½"NB,2"NB)
3. DIN Standard (½"NB,1" NB,1 ½"NB,2"NB)

Threaded Option:

1. BSP : (½",1",1 ½",2") Male/Female
2. NPT : (½",1",1 ½",2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

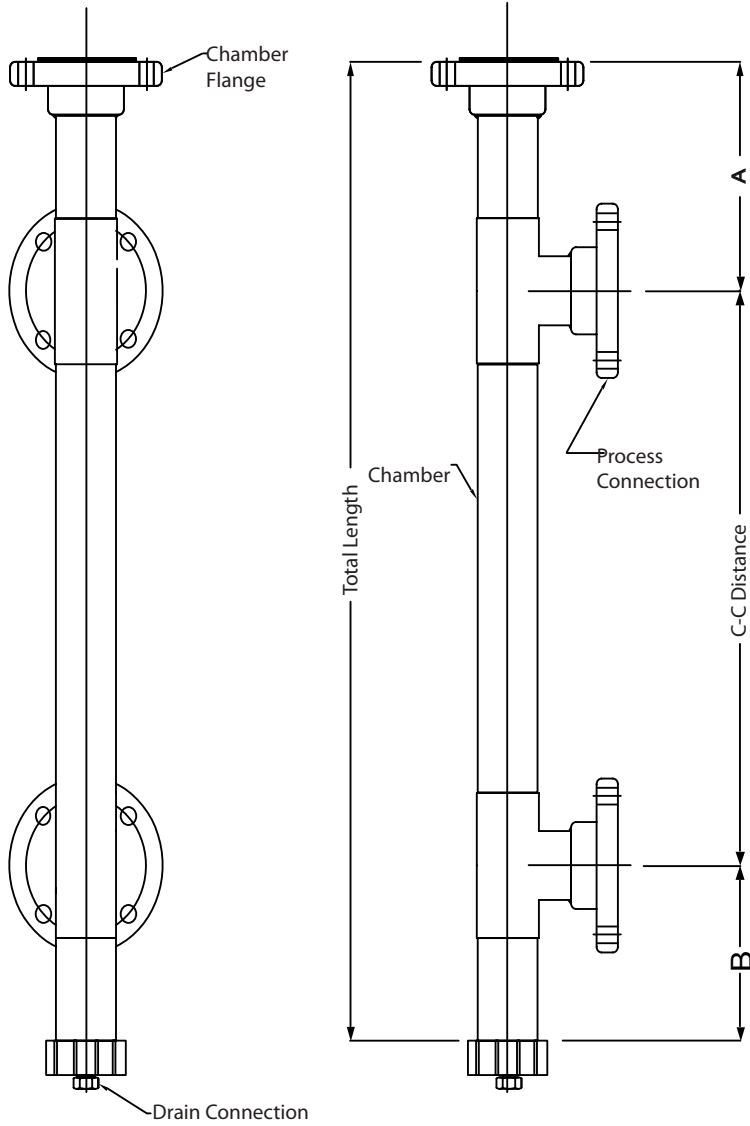
1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others



Process Connection Options:

1. ANSI B16.5 Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)
2. BS Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)
3. DIN Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)

Threaded Option:

- BSP : ($\frac{1}{2}$ " , 1" , 1 $\frac{1}{2}$ " , 2") Male/Female
 NPT : ($\frac{1}{2}$ " , 1" , 1 $\frac{1}{2}$ " , 2") Male/Female

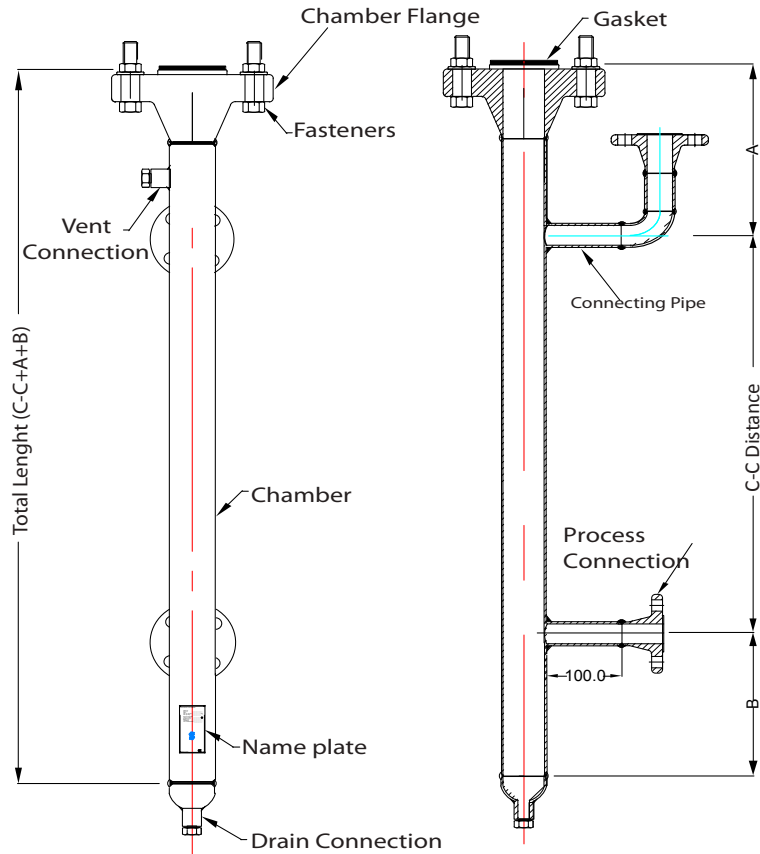
Material Options :

1. PP
2. PVC
3. PVDF

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

2"NB Chamber, 2"150# Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
2. BS Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
3. DIN Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)

Threaded Option:

1. BSP : (½", 1", 1 ½", 2") Male/Female
2. NPT : (½", 1", 1 ½", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

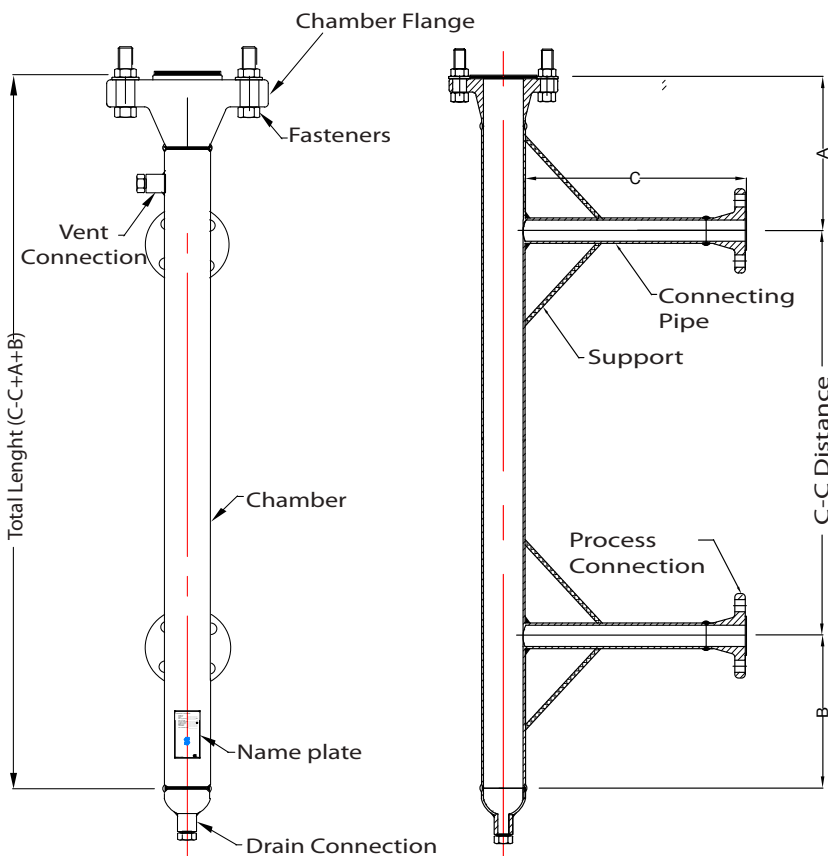
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

2"NB Chamber, 2"150# Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
2. BS Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)
3. DIN Standard (½"NB, 1" NB, 1 ½"NB, 2"NB)

Threaded Option:

1. BSP : (½", 1", 1 ½", 2") Male/Female
2. NPT : (½", 1", 1 ½", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

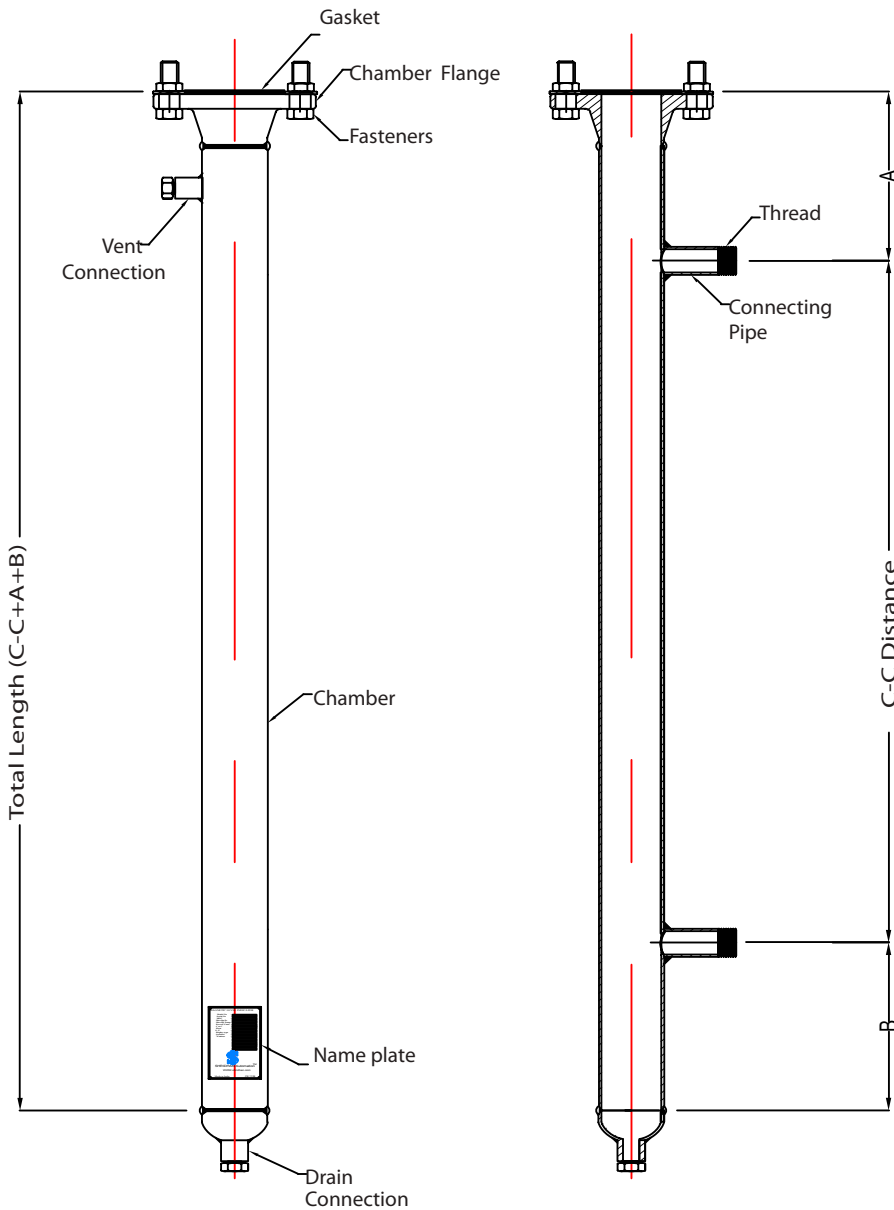
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

2"NB Chamber, 2"150# Flange



Process Connection Options:

1. ANSI B16.5 Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)
2. BS Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)
3. DIN Standard ($\frac{1}{2}$ " NB, 1" NB, 1 $\frac{1}{2}$ " NB, 2" NB)

Threaded Option:

1. BSP : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
2. NPT : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

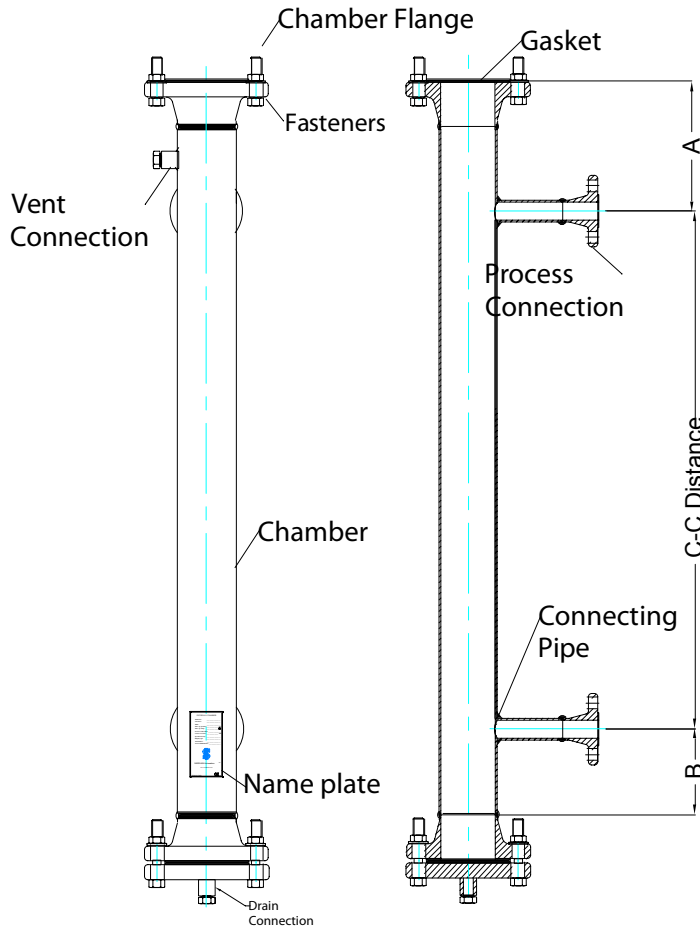
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

3"NB Chamber,3"150#Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB,1" NB,1 ½"NB,2"NB)
2. BS Standard (½"NB,1" NB,1 ½"NB,2"NB)
3. DIN Standard (½"NB,1" NB,1 ½"NB,2"NB)

Threaded Option:

1. BSP : (½",1",1 ½",2") Male/Female
2. NPT : (½",1",1 ½",2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

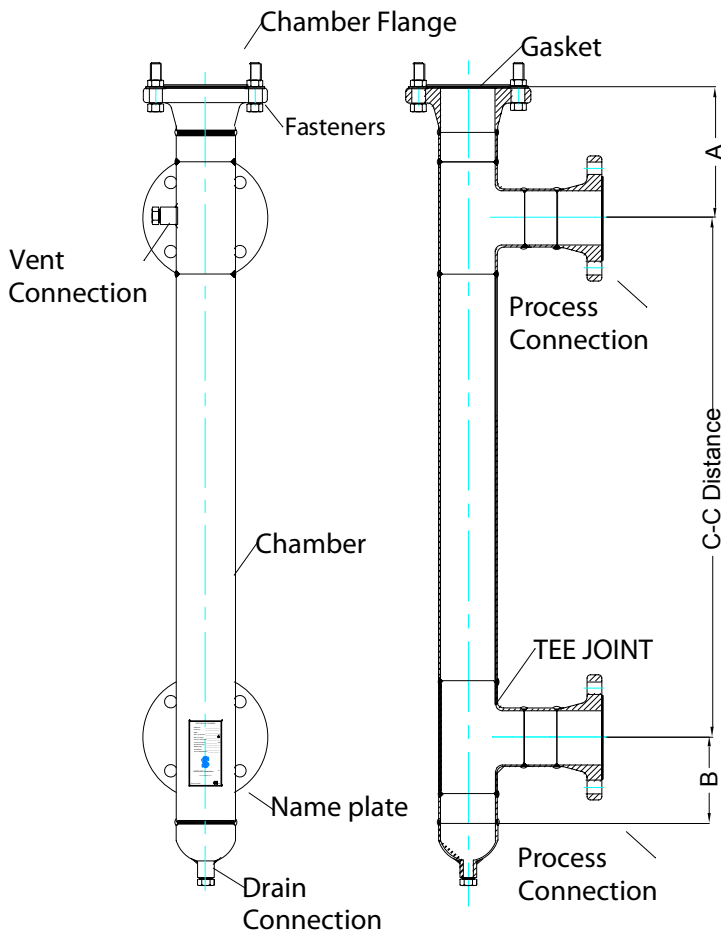
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

3"NB Chamber,3"150#Flange



Process Connection Options:

1. ANSI B16.5 Standard (½"NB,1" NB,1 ½"NB,2"NB)
2. BS Standard (½"NB,1" NB,1 ½"NB,2"NB)
3. DIN Standard (½"NB,1" NB,1 ½"NB,2"NB)

Threaded Option:

1. BSP : (½",1",1 ½",2") Male/Female
2. NPT : (½",1",1 ½",2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

1. Ball Valve
2. Gate Valve
3. Needle Valve

Material Option For Valve:

1. Stainless Steel 304/316/316L
2. Carbon Steel
3. PTFE/PVDF

Instrument Options:

1. Guided Wave Radar Level Transmitter
2. Non-Contact Radar Level Transmitter
3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

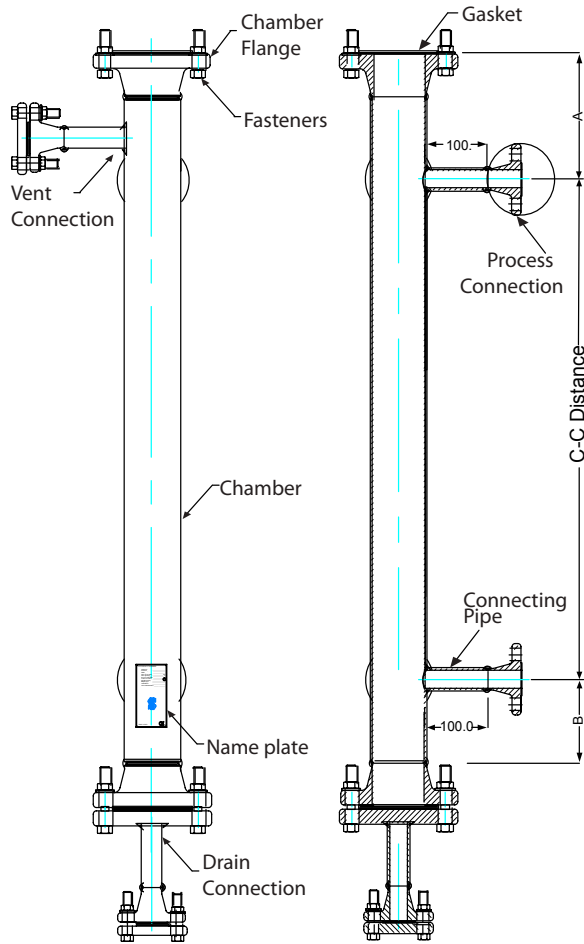
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

3"NB Chamber,3"150#Flange



Process Connection Options:

1. ANSI B16.5 Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)
2. BS Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)
3. DIN Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)

Threaded Option:

1. BSP : ($\frac{1}{2}$ ",1",1 $\frac{1}{2}$ ",2") Male/Female
2. NPT : ($\frac{1}{2}$ ",1",1 $\frac{1}{2}$ ",2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

Valve option for Vent And Drain :

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2. Gate Valve
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3. Vertical Float Level Switch
4. Magnetostrictive Level Transmitter
5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

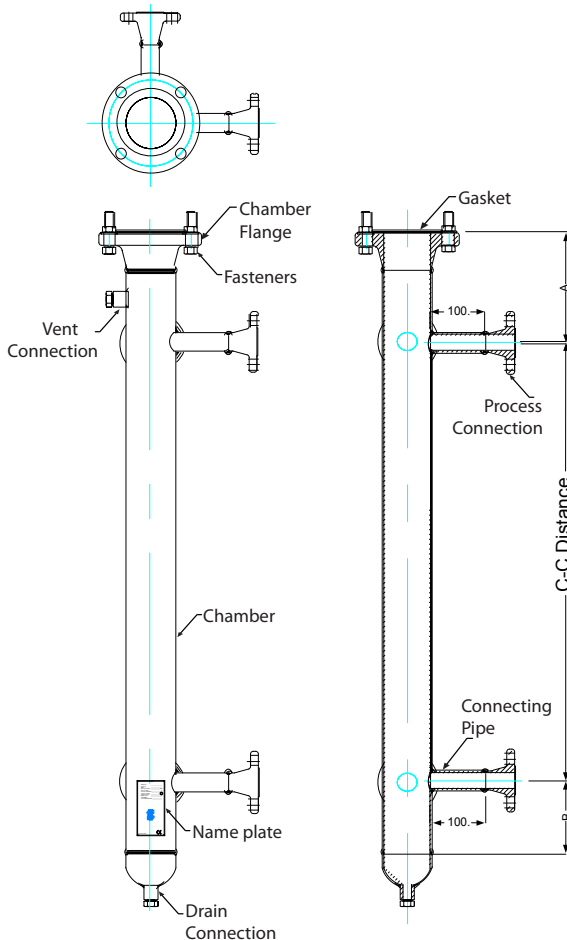
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

3"NB Chamber,3"150#Flange Dual Process Connection



Process Connection Options:

1. ANSI B16.5 Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)
2. BS Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)
3. DIN Standard ($\frac{1}{2}$ "NB,1" NB,1 $\frac{1}{2}$ "NB,2"NB)

Threaded Option:

1. BSP : ($\frac{1}{2}$ ",1",1 $\frac{1}{2}$ ",2") Male/Female
2. NPT : ($\frac{1}{2}$ ",1",1 $\frac{1}{2}$ ",2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
4. Monel 400
5. Inconel 625
6. Inconel 825
7. Other Non Magnetic Alloys

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5. Displacer Level Switch/Transmitter
6. Bridle Arrangement with MLI.
7. Others

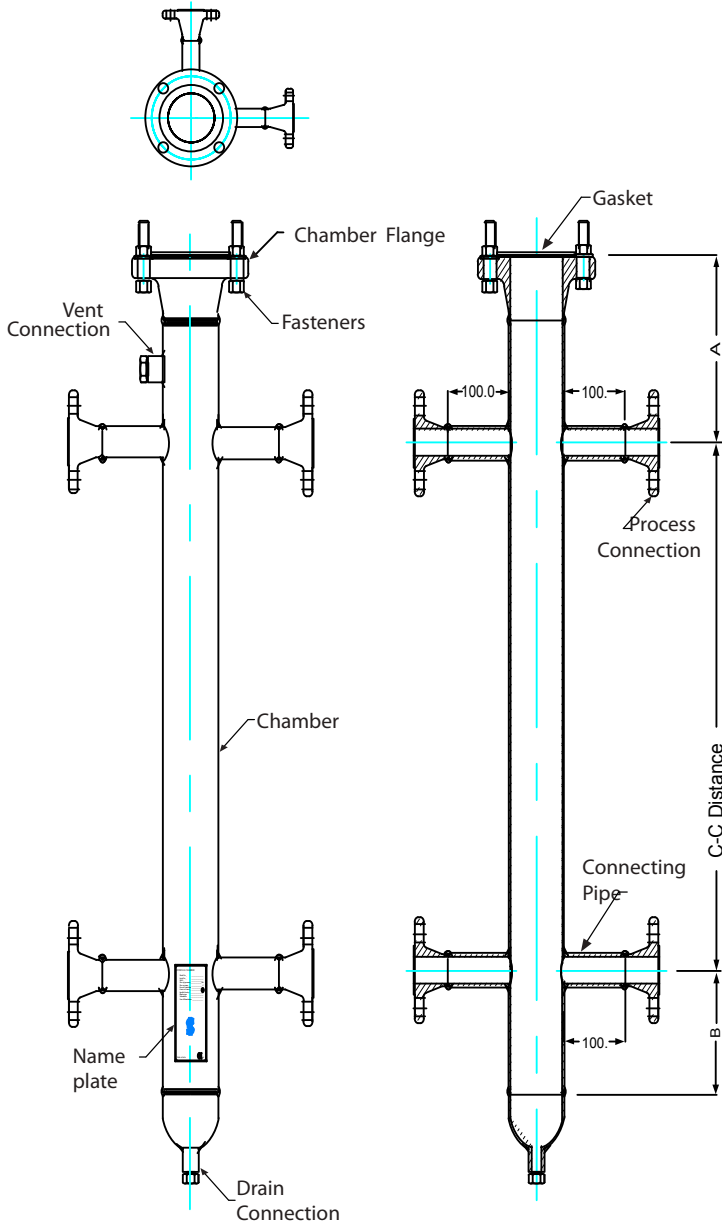
Testing Options:

1. Hydrostatic Pressure test.
2. Dye-Penetration test
3. Radiography Level 1/Level 2
4. Others

Special Options:

1. NACE MR0175 Compliance and Material Certificate
2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others

3"NB Chamber, 3"150# Flange Dual Process Connection



Process Connection Options:

1. ANSI B16.5 Standard ($\frac{1}{2}$ "NB, 1" NB, 1 $\frac{1}{2}$ "NB, 2"NB)
2. BS Standard ($\frac{1}{2}$ "NB, 1" NB, 1 $\frac{1}{2}$ "NB, 2"NB)
3. DIN Standard ($\frac{1}{2}$ "NB, 1" NB, 1 $\frac{1}{2}$ "NB, 2"NB)

Threaded Option:

1. BSP : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
2. NPT : ($\frac{1}{2}$ ", 1", 1 $\frac{1}{2}$ ", 2") Male/Female
3. Weldolet Connection
4. Sockolet Connection

Material Options :

1. Stainless Steel 304/316/316L
2. Titanium
3. Hastelloy C-276
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7. Others

Testing Options:

1. Hydrostatic Pressure test.
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3. Radiography Level 1/Level 2
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Special Options:

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2. PED 97/23/EC Certification
3. IBR
4. EN 10204 3.1 Certificate
5. None
6. Others



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