

CONDENSATE POT

MODEL C5.04



PRODUCT DESCRIPTION

Condensate pots are used to aid the differential pressure flow measurement device so that the accuracy of the readings does not decrease. A flow measurement device is a combination of the flow measurement set-up, such as the orifice plate set-up and a transmitter; in this case it is a differential pressure transmitter.



CONDENSATE POT

MODEL C5.04

KEY FEATURES

- To measurement of steam or other vapors
- To increase the accuracy of flow measurement in steam pipelines
- The condensation pot can also be used to protect the transmitter in the case of a flow measurement of a corrosive/ aggressive fluid. In this case we speak of separation pots
- Installation can be either vertical or horizontal lines between the primary (Flow Meter) and the secondary (transmitter/ gauge) to act as a barrier to the line fluid permitting direct sensing of the flow conditions
- They are used to condensate the fluid upstream of the differential Pressure transmitter

SPECIFICATIONS

Pipe size	: 2"
Schedule	: Schedule 40
Overall Length	: 300 mm
Max working pressure	: As per table 1
Max working temperature	: 350 °C

Table-1

Pipe Size	Dimensions		Max. Working Pressure (bar)		
	A	B	Sch.40	Sch.80	Sch.160
2"	250	30	150	220	320
3"	300	40	120	200	300
4"	350	50	100	150	275
6"	400	50	70	120	240

APPLICATION

- Power plants
- Refineries
- Chemical and Petrochemical
- Steel plants
- Process industries

MATERIAL OF CONSTRUCTION

Body : ASTM A105

Certification & Approvals

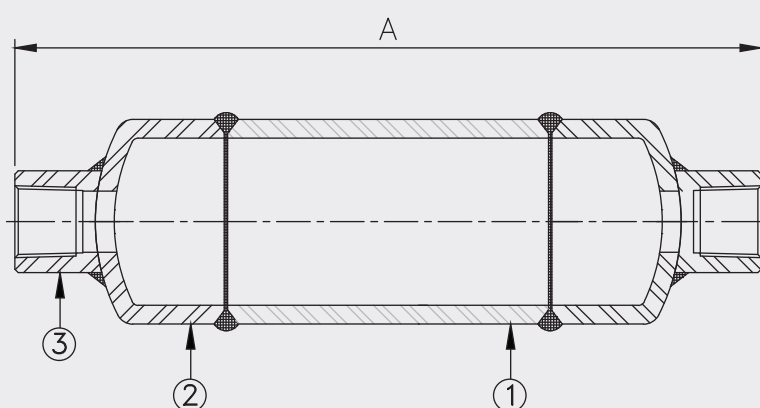
- Material Certification : Available as per EN10204 3.1 for wetted parts (Optional)
Available as per EN10204 2.1 for non-wetted parts (Optional)
- NACE Compliance : Available as per MR 01 75/ MR 01 03 (ISO 15156) for wetted parts (Optional)
- Hydro Test : Hydrostatic shell test is performed at 1.5 times the working pressure

CONDENSATE POT

MODEL
C5.04

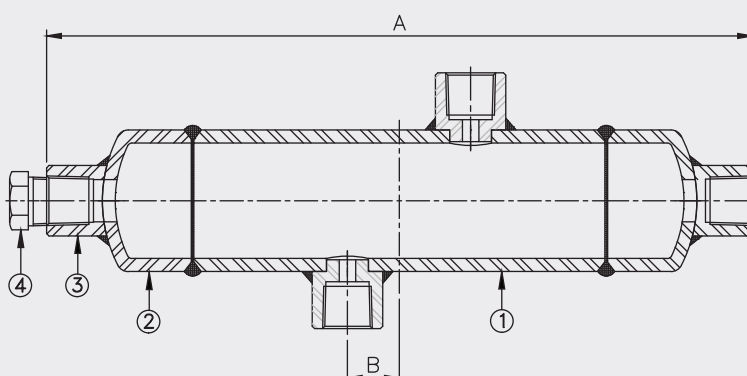
Dimensional Drawings:

Type 1



Bill of Material	
Sr.No.	Parameter
1	Shell
2	End Cap
3	Coupling

Type 2



Bill of Material	
Sr.No.	Parameter
1	Shell
2	End Cap
3	Coupling
4	Blind Plug

Important Notes: Above drawings are not to scale. All Dimension are in mm

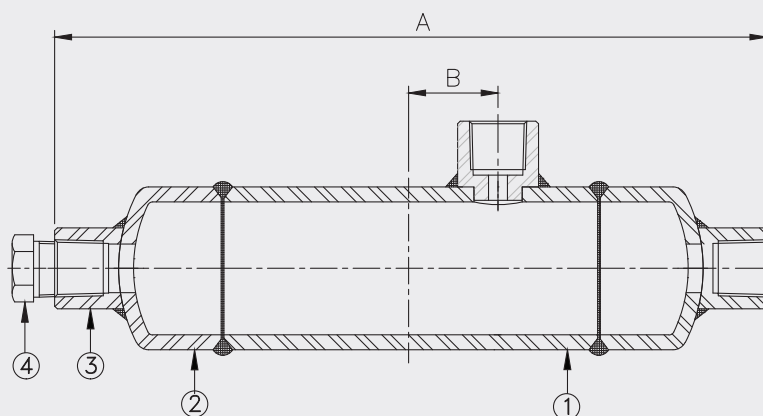


CONDENSATE POT

MODEL
C5.04

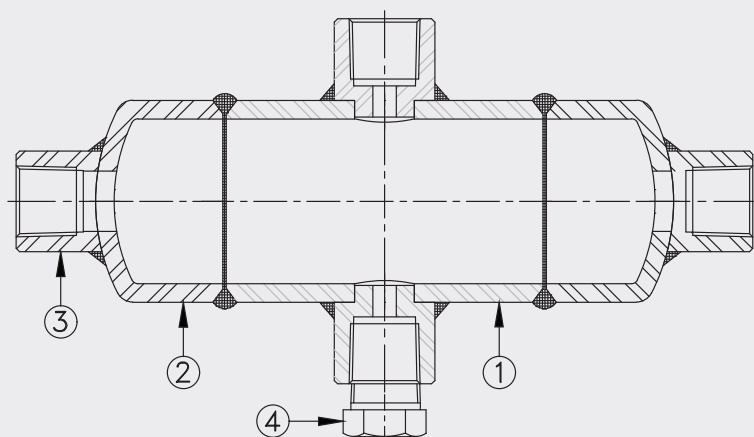
Dimensional Drawings:

Type 3



Bill of Material	
Sr.No.	Parameter
1	Shell
2	End Cap
3	Coupling
4	Blind Plug

Type 4



Bill of Material	
Sr.No.	Parameter
1	Shell
2	End Cap
3	Coupling
4	Blind Plug

Important Notes: Above drawings are not to scale. All Dimension are in mm

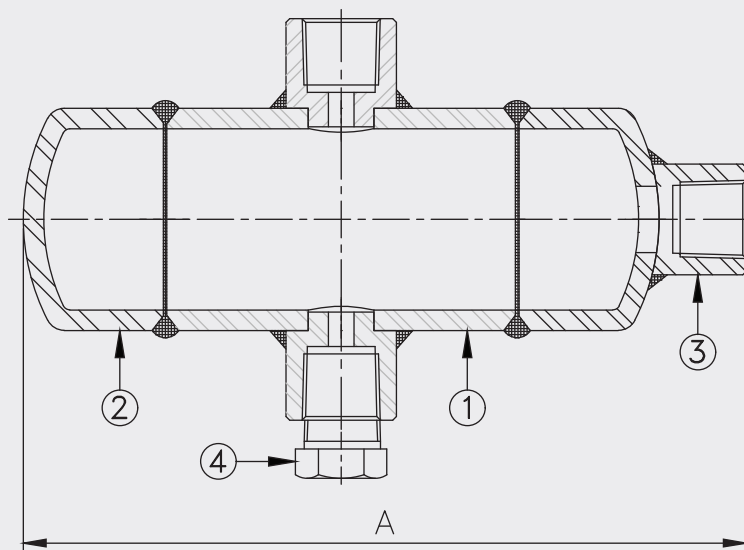


CONDENSATE POT

MODEL C5.04

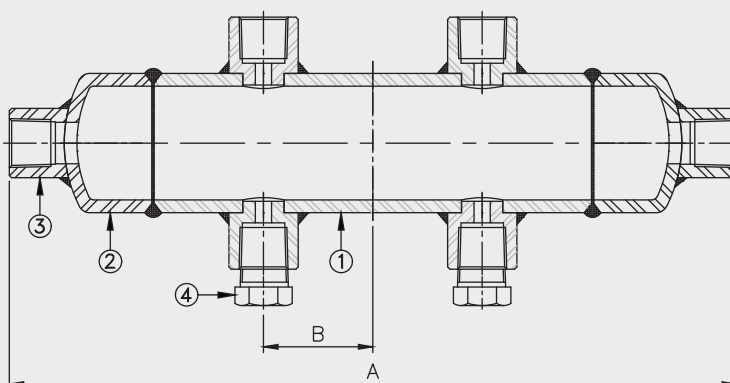
Dimensional Drawings:

Type 5



Bill of Material	
Sr.No.	Parameter
1	Shell
2	End Cap
3	Coupling
4	Blind Plug

Type 6



Bill of Material	
Sr.No.	Parameter
1	Shell
2	End Cap
3	Coupling
4	Blind Plug

Important Notes: Above drawings are not to scale. All Dimension are in mm

CONDENSATE POT

MODEL C5.04

MODEL CODING & ORDERING INFORMATION

DESCRIPTION	CODE	C5.06	1	A15	P64	12BF	X17
Model Condensate Pot	C5.06	C5.06					
Version Type 1 Type 2 Type 3 Type 4 Type 5 Type 6	1 2 3 4 5 6		1				
Material ASTM A105 SS 304 SS 316 SS 316L	A15 S4 S6 SL			A15			
Pipe size & Schedule 2" Sch. 40 2" Sch. 80 2" Sch. 160 3" Sch. 40 3" Sch. 80 3" Sch. 160 4" Sch. 40 4" Sch. 80 4" Sch. 160 6" Sch. 40 6" Sch. 80 6" Sch. 160	P64 P65 P66 P84 P85 P86 P94 P95 P96 PB4 PB5 PB6				P64		
Connection ½" BSP (F) ½" NPT (F) M20×1.5 (F) Socket Weld Butt Weld	12BF 12NF M20F SW BW					12BF	
Other Options Material test certificate Tested to NACE standards Certificate of De-greasing SS Tag plates Hydrostatic Test Certificate Radiography for Welding Dye Penetration Test	X17 X20 X25 X26 X53 X83 X87						X17

SAMPLE ORDERING CODE:

C5.06.1.A15.P64.12BF.X17

Note: Specification's and dimensions given in this product catalogue represents the state of engineering at the time of printing. Modifications may take place and material specified may be replaced by others without prior notice.