



ADCA Bimetallic steam trap Type 2975 series BM20 steel internal thread NPT

Steel bimetallic condensate trap suitable for steam tracers and tank coils in the petrochemical industry, and others, where proper undercooling of the condensate cannot cause damage.

Characteristics

Series: BM20

Type: 2975

Connection: Internal thread

Standard connection: ASME B1.20.1

Pressure rating: PN40

PMA - maximum allowable pressure: 40 bar at 50 °C bar

TMA - maximum allowable temperature: 300 °C at 27.6 barg °C

PMO - maximum operating pressure: 17 bar

TMO - maximum operating temperature: 250 °C

With built-in filter: Yes

Material filter: Stainless steel SS 304 [1.4301]

Mounting direction: Any

Flow direction: through arrow marking on housing

Approvals: PED 2014/68/EU fluid group 2

Application

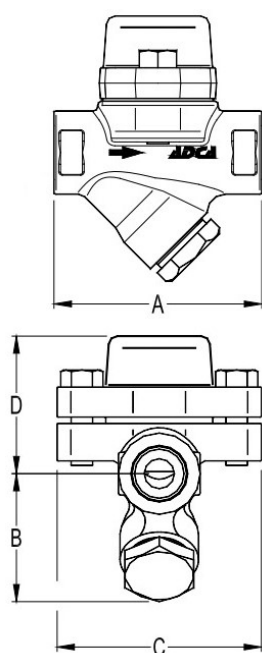
- Saturated steam.
- Superheated steam.

Technical Information

- Horizontal installation recommended, however can be installed in any position.

Options

- Blowdown valve.



Size table:

Dimension	A	B	C	D	Weight
	mm	mm	mm	mm	kg
1/2"	95	59	95	65	1.6
1"	95	65	95	65	1.8
3/4"	95	59	95	65	1.6

Capacity table in kg/h										
Medium	dP 0,5 bar	dP 1 bar	dP 2 bar	dP 4 bar	dP 6 bar	8 bar	10 bar	dP 12 bar	14 bar	17 bar
Steam ¹	125	200	320	410	445	485	500	540	580	600
Water ²	450	700	1000	1220	1340	1450	1560	1650	1780	1850

¹ Condensate 10 °C below saturated steam temperature.

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Capacity table in kg/h										
Medium	dP 0,5 bar	dP 1 bar	dp 2 bar	dp 4 bar	dp 6 bar	8 bar	10 bar	dp 12 bar	14 bar	17 bar
² Capacity at 20 °C cold water.										

Housing material	Material quality	Connection size	Material bonnet	PED classification	Article
Steel	1.0460	1/2" NPT	Steel [1.0460]	PED-SEP	14539826
Steel	1.0460	1" NPT	Steel [1.0460]	PED-SEP	14539828
Steel	1.0460	3/4" NPT	Steel [1.0460]	PED-SEP	14539827

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