



ADCA Bimetallic steam trap Type 2975 series BM20 steel internal thread ISO 7/Rp

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: ISO 7/1 Rp

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

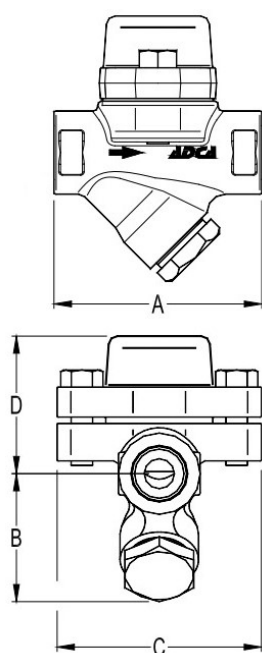
- Saturated steam.
- Superheated steam.

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	Nominal inner diameter	Material bonnet	Face to Face length mm	PED classification	Article
Steel	1.0460	1/2" BSP	DN15	Steel (1.0460)	95	PED-SEP	14532255
Steel	1.0460	1" BSP	DN25	Steel (1.0460)	95	PED-SEP	14532257
Steel	1.0460	3/4" BSP	DN20	Steel (1.0460)	95	PED-SEP	14532256

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