



YARWAY THERMOSTATIC TRAPS

WAX THERMO-ELEMENT TYPE GS-1N

Thermostatic, wax capsule trap contributes to energy conservation through the use of sensible heat



FEATURES

- Trace steam trap with wax thermo-element.
- Promoting effective use of sensible heat to contribute to energy conservation.
- Allowing the setting of the drain discharge temperature according to application, as well as heat insulation and trace according to the equipment.
- Enabling temperature adjustment during operation.

GENERAL APPLICATION

Steam trace, instrumentation trace, crude petroleum heating coil, and heat insulation of equipment.

TECHNICAL DATA

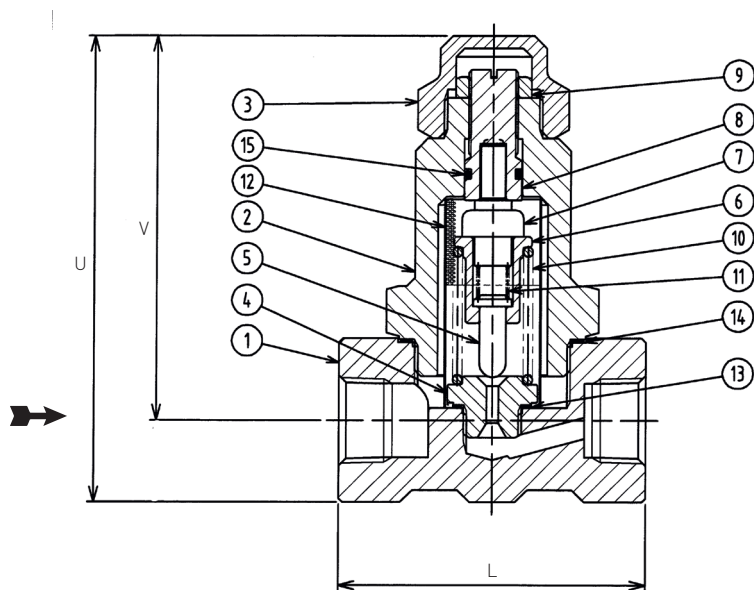
Size:	DN 10-25 (NPS 3/8 - 1/2)
Max. operating pressure:	1.6 MPa
Max. operating temperature:	220°C
Connection:	Screwed end (ISO 7-1) SW (ASME, JIS, JPI)
Extent of temperature control*:	60°C~105°C

NOTES

* The standard preset temperature is 70°C.
One clockwise rotation corresponds to a discharge temperature decrease of about 10°C.

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PARTS LIST

No.	Part	Material
1	Body	Carbon steel
2	Bonnet	Carbon steel
3	Cap	Carbon steel
4	Seat	Stainless steel
5	Valve	Stainless steel
6	Valve holder	Stainless steel
7	Wax thermo element	Brass
8	Adjusting screw	Stainless steel
9	Lock nut	Carbon steel
10	Outside spring	Stainless steel
11	Inside spring	Stainless steel
12	Screen	Stainless steel
13	Seat gasket	Copper
14	Bonnet gasket	Copper
15	O-ring	FKM

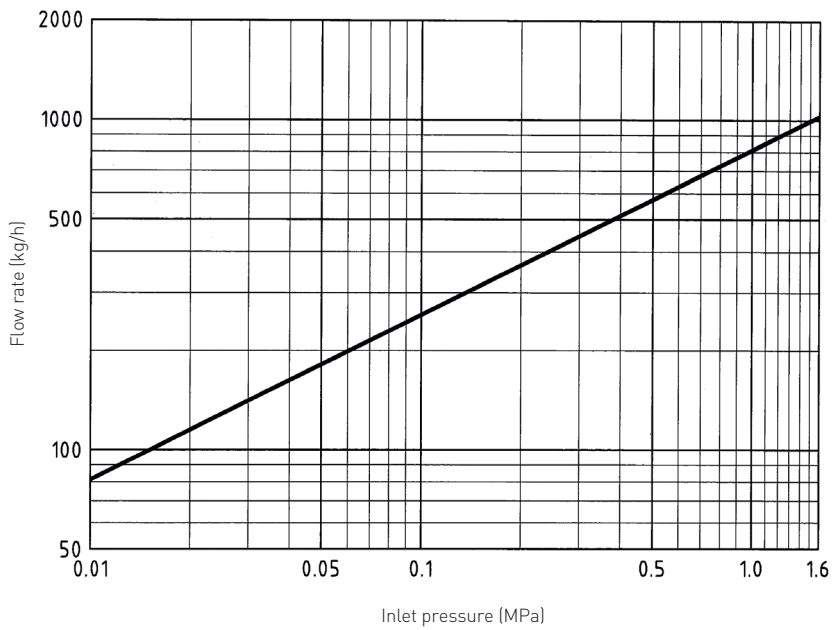
DIMENSIONS DN (NPS)

Size					Weight
DN	(NPS)	U	V	L	(kg)
10	(3/8)	114	94	75	1.3
15	(1/2)	114	94	75	1.3
20	(3/4)	114	94	85	1.4
25	(1)	124	99	100	2.1

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CONDENSATE CAPACITY NEAR STEAM TEMPERATURE



FACE TO FACE FOR FLANGED TYPE DN (NPS)

Size	JIS10K, 16K, 20K
DN (NPS)	ASME Class, 150, 300
	JPI150, 300
15 (1/2)	210
20 (3/4)	220
25 (1)	230

NOTE

The line indicates the maximum continuous condensate discharge of the flow of cold water (about 20°C) when the preset temperature is 70°C.

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