

TKK2Y type THERMOSTATIC STEAM TRAP

CHARACTERISTICS

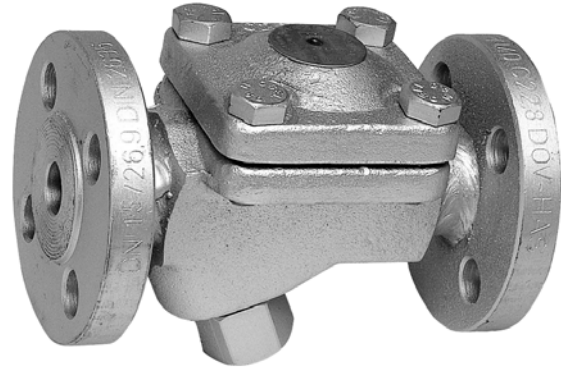
The TTK2Y thermostatic steam trap is dedicated to the steam installation draining. With a carbon steel construction, it is available with threaded connections or PN40 flanges. The Hastelloy capsule is protected by an international patent from the manufacturer. This steam trap is unaffected by backpressure. It permits to regulate a continuous purge and automatically evacuate the air at start-up. The condensate discharge temperature can be adjusted selecting one of the 3 different cooling capsules available: 10 °C (standard set up), 5 °C and 20 °C. It is equipped with a Y-strainer and a non-return valve. Horizontal mounting only.

AVAILABLE ITEMS

#1515 - TTK2Y: 1/2", 3/4", 1", with Y-strainer, threaded connections

#1516 - TTK2Y: DN 15, 20, 25, with Y-strainer, with PN 16/25/40 flanges

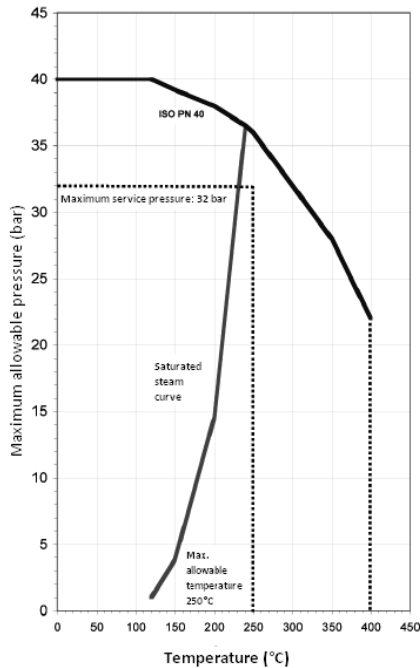
Raised-face flanges available on request



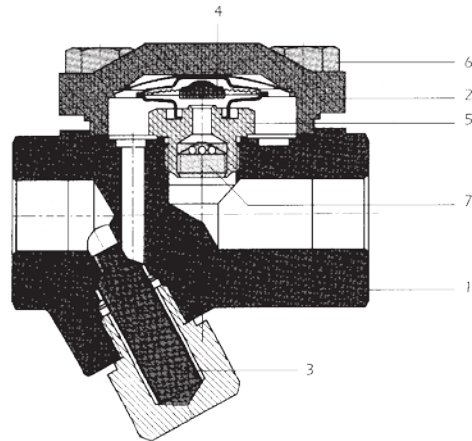
LIMITS OF USE

Max. allowable pressure (PS)	40 bar
Max. service pressure	32 bar
Max. differential pressure	22 bar
Max. allowable temperature (TS)	400 °C
Max. service temperature	250 °C

PRESSURE / TEMPERATURE DIAGRAM



CONSTRUCTION



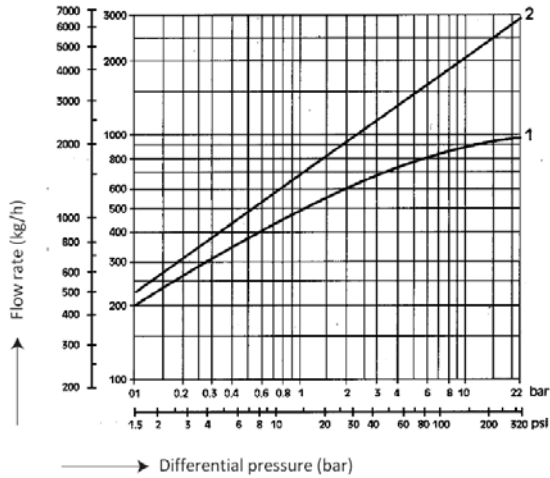
1	Body	A105 forged steel
2	Cap	A105 forged steel
3	Strainer	Stainless steel
4	Capsule	Hastelloy + stainless steel
5	Seat	304 stainless steel
6	Nuts	ASTM A193 B16
7	Clack	MS 56

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		Rev.	1
		Date	07/2004

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FLOW RATE CHART



INSTALLATION AND MAINTENANCE

The TTK steam trap has to be installed in a horizontal position, strainer cap pointing downwards.

Before installing the steam trap, isolate and depressurize the line. Please wait until the complete cooling of the system.

Carefully clean the upstream piping.

Fix by screwing or welding the steam trap following the direction of the arrow marked on the body: steam upstream and condensate downstream.

For the flanged TTK steam trap, please choose flange gaskets that are adapted to the use on steam

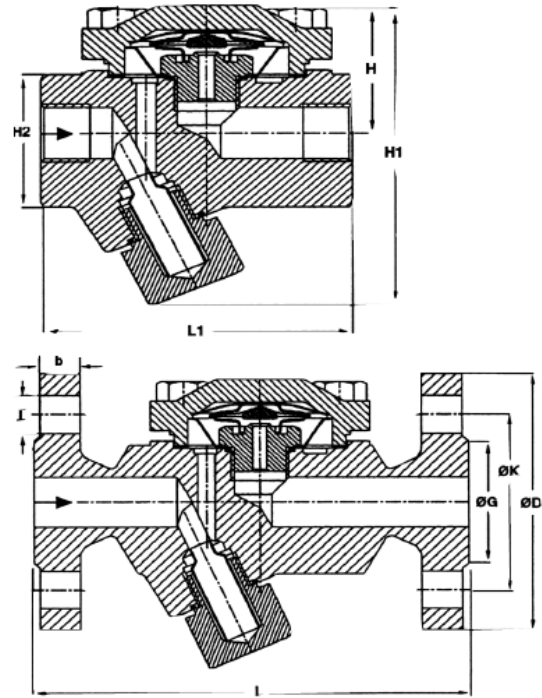
For more information, please refer to NO 1516 information sheet.

OPTIONS

NPT threaded connections

SW or BW welded connections on request

DIMENSIONS (mm) AND WEIGHT (kg)



Ø	L - L1	H - H1 - H2	D	b	k	g	i	Nb of holes
15	150 - 95	45 - 97 - 40	95	16	65	45	14	4
20	150 - 95	45 - 97 - 40	105	18	75	58	14	4
25	160 - 95	45 - 97 - 40	115	18	85	68	14	4

Weight (kg)	1/2" - 15	3/4" - 20	1" - 25
TKK 2 Y - flanged	3,4	4,1	4,5
TKK 2 Y - threaded	1,8	1,7	1,6
TKK 2 Y - welded	1,8	1,7	1,6

MATERIAL AND TEST CERTIFICATE

Certificate according to EN 10 204 3.1b on request.
Please take into account special lead time.

SPARE PARTS

Item	Code
Y strainer (mark 3, see drawing page 1)	981270
Strainer gasket	981281
Body gasket	981282
5 °C capsule (mark 4)	981289
10 °C capsule (mark 4)	981290
20 °C capsule (mark 4)	981291
Seat (mark 5)	981500

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