

TDK71 type THERMODYNAMIC STEAM TRAP

CHARACTERISTICS

The TDK71 condensate steam trap is a stainless steel thermodynamic steam trap. Its compact and robust construction with built-in Y-strainer is perfectly adapted to the draining of distribution piping system and steam tracing systems.

The TDK71 can bear a downstream backpressure up to 80% of the upstream pressure and it is unaffected by water hammers, potential overheating and frost. This maintenance of this type of steam trap is simple.



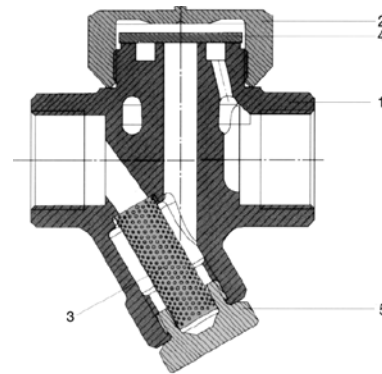
AVAILABLE ITEMS

BSP threaded connections: 1/2", 3/4", and 1"

LIMITS OF USE

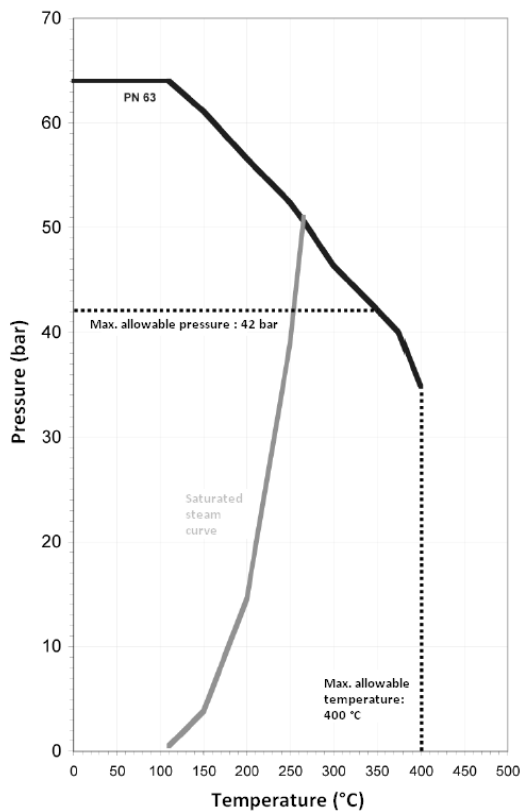
Max. allowable pressure (PS)	42 bar
Max. body pressure	63 bar
Max. allowable temperature (TS)	400 °C

CONSTRUCTION

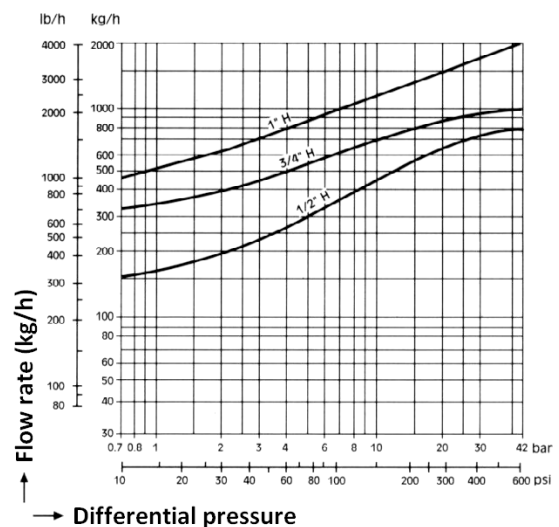


1	Body	ASTM A743 stainless steel
2	Cap	AISI 304 stainless steel
3	Strainer	AISI 304 stainless steel
4	Disc	AISI 420 stainless steel
5	Cap	AISI 304 stainless steel

PRESSURE / TEMPERATURE DIAGRAM



FLOW RATE CHART



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		Ref.	FT 1533 GB
		Rev.	1
		Date	07/2004

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INSTALLATION

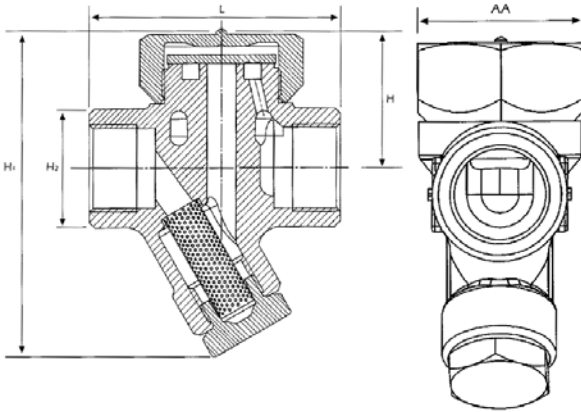
The TDK71 should preferably be installed in a horizontal position but also works in other positions.

OPTIONS

NPT threaded connections
SW welded connections

DIMENSIONS (mm) AND WEIGHT (kg)

DN	L	H	H1	H2	AA
1 / 2"	78	41	95	33	41
3 / 4"	90	43	110	39	41
1"	95	52	124	45	55



MOUNTING AND MAINTENANCE

Before any installation, please shut off the upstream steam input. Depressurize, purge the line and wait until its complete cooling to room temperature. Screw the steam trap on the piping, using an adapted gasket. Please preferably position the device with the cap in a horizontal position. If necessary, replace the disc (*mark 4 on the drawing page 1*) by unscrewing the cap (*mark 2*). This operation can only be carried out when the upstream flow is shut off, as the depressurizing and the cooling have already been operated.

In case of soiling, clean or replace the strainer (*mark 3*) by unscrewing the cap (*mark 5*). Remount the system and put the piping into service.

MATERIAL AND TEST CERTIFICATE


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

SPARE PARTS

Spare parts codes for TDK71 steam trap:

	1/2"	3/4"	1"
Disc (<i>mark 4</i>)	981264	981265	981266
Strainer (<i>mark 3</i>)	981267	981267	981267

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