

Bimetallic Steam Trap

BK/TB Screwed & Flanged

DAGO



BK Screwed



BK Flanged



TB Screwed



TB Flanged

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Application

Bimetallic steam traps can conserve energy by discharging sub-cooled condensate in those applications which can utilise sensible heat. They are

the most robust of all the thermostatic steam traps, being able to withstand waterhammer and corrosive condensate.

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Size and pipe connections

DN15-DN25 Screwed BSP or NPT

DN15-DN25 Flanged EN 1092 PN16/PN25, ANSI 150

Horizontal connection

Vertical connections

Material

Part	Material
Body	Cast steel A216 WCB
Bimetallic element	Stainless steel
valve	Stainless steel 420
seat	Stainless steel 420
Strainer screen	Stainless steel 304

Note: 1. The material can according to the customer's request or actual valve working condition.

2. The surface of valve can use high temperature resistant black or blue paint, but also can according to the customer's request.

Limited condition

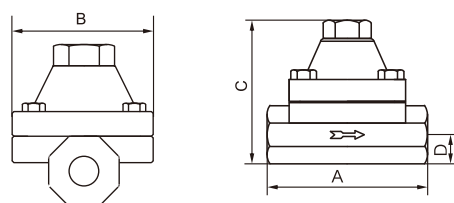
Body design conditions	PN40
PMA Maximum allowable pressure	40Bar g
TMA Maximum allowable temperature	300°C
Maximum differential pressure (ΔPMX)	32Bar

Standard

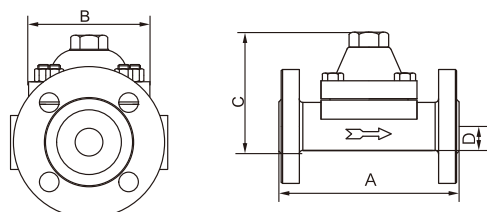
Design standard: ISO6552; EN26704

Face to face dimension: EN26554

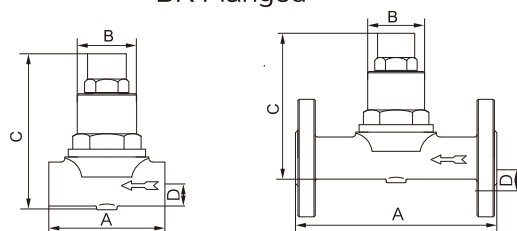
Test & inspection: EN26948



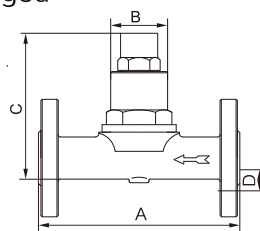
BK Screwed



BK Flanged

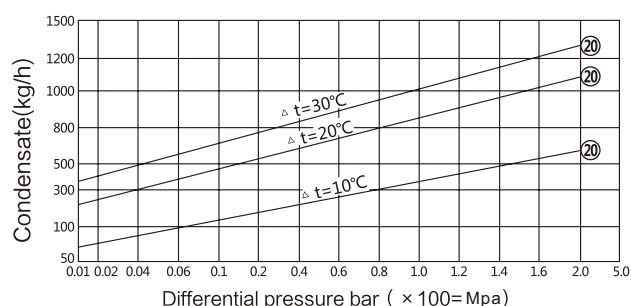


TB Screwed



TB Flanged

Capacities



注: $\Delta t = N$ 过冷度 (冷凝水于饱和蒸汽的温度差)

Dimensions/weights (approximate) in mm and kg

Screwed connections

BK

Size	A	B	C	D	Weight
DN15	100	80	102	20	2.2
DN20	100	80	102	20	2.3
DN25	100	80	110	23	2.8

TB

Size	A	B	C	D	Weight
DN15	90	60	100	20	1.4
DN20	90	60	100	20	1.5
DN25	95	60	100	25	1.9

Flanged connections

BK

Size	A	B	C	D	Weight
DN15	150	80	102	20	3.7
DN20	150	80	102	20	4.3
DN25	160	85	110	23	5.3

TB

Size	A	B	C	D	Weight
DN15	150	60	100	20	2.8
DN20	150	60	100	20	3.2
DN25	160	60	100	25	4.4