

Thermodynamic Steam Trap

TD10 / TD16 / TD10F/TD16F



Thermodynamic Steam Trap

Screwed & Flanged

Application

Thermodynamic steam traps combine reliability, simplicity and efficiency of operation; with just one moving part (a hardened stainless steel disc) they give a blast discharge with clean, tight shut-off. They are able to withstand: superheat,

waterhammer, corrosive condensate, freezing and vibration. The TD trap is the first choice for removal of condensate from steam distribution systems.

Thermodynamic Steam Trap

TD42L/TD42H/TD42LA/TD42HA Screwed



Size and pipe connections

DN15–DN25 Screwed BSP or NPT
DN15–DN25 Flanged EN 1092 PN16/PN25, ANSI 150
Horizontal connection

Material

Part	Material
Body	Cast Steel A216 WCB for PN16 SS A276 420 for PN42
Cap	A240 304
Disc	A276 420
Seat	A276 420
Strainer screen	A240 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.

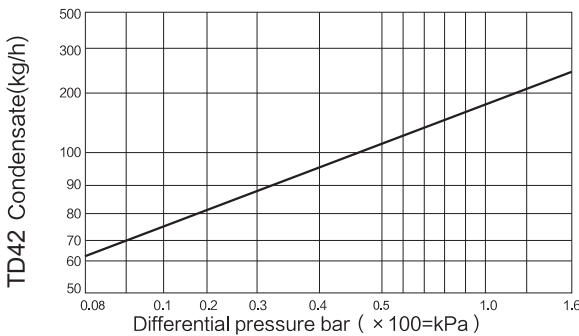
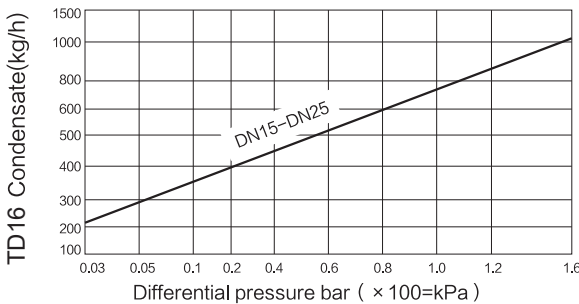
Limited condition

Body design conditions	PN42
PMA Maximum allowable pressure	42 Bar g
TMA Maximum allowable temperature	400℃
Maximum differential pressure (ΔPMX)	32Bar

Standard

Design standard: ISO6552; EN26704
Face to face dimension: EN26554
Test & inspection: EN26948

Capacities



Dimensions/weights(approximate)in mm and kg
Screwed connections

Size	A	B	C	D	Weight
DN15	90	53	110	50	0.9
DN20	90	53	112	52	1.3
DN25	90	53	118	56	1.5

Size	A	B	C	D	Weight
DN15	78	57	96	55	0.8
DN20	85	57	104	60	1.0
DN25	95	57	113	65	1.5

Flanged connections

Size	A	B	C	D	Weight
DN15	150	53	110	50	0.9
DN20	150	53	110	50	1.3
DN25	160	53	110	50	1.5

Size	A	B	C	D	Weight
DN15	150	57	96	55	2.0
DN20	150	57	104	60	2.7
DN25	160	57	113	65	4.0

