

THERMODYNAMIC STEAM TRAP



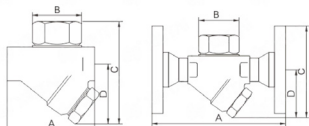
STD16



STD16F

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 shutoff. They are able to withstand: superheat, waterhammer, corrosive condensate, freezing and vibration. The STD trap is the first choice for removal of condensate from steam distribution systems.



STD16

STD16F

Dimensions/ weights

(approximate) in mm and kg

Screwed connections

STD16					
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

STD16F					
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

Size and pipe connections

DN15 - DN25 Screwed BSP or NPT

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

Horizontal connection

Standard

Design standard: ISO6552; GB/T22654

Face to face dimension: EN26554; GB/T12250

Test & inspection: EN26948; GB/T12251

Material

Part	Material
Body STD16, STD16F	Stainless iron A743 CA40F Stainless steel A351 CF8
Cap	A276 420
Disc	A276 420
Strainer screen	A240 304

Note: The trap seat is the body material, the CA40F hardening process is heat treatment and the CF8 hardening process is surfacing of spray welding.

STD16/STD16F limited condition (Stainless iron/ Stainless steel)

Body design conditions	PN40
PMO Maximum allowable pressure	32bar g
TMO Maximum allowable temperature	300°C



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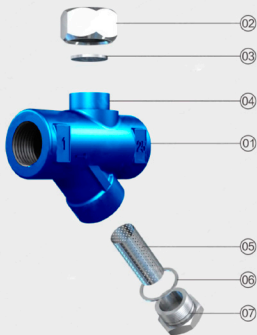
01 It uses high precision casting technology of integral casting, independent cavity drainage, achieve three hole drainage structure.

02 It have stainless steel filler screen inside the vale filler dirt to protect seal

03 The valve seat is surfacing stellite alloy that more hard.

04 The valve disc strengthened by hardening treatment and stress, magnetic removal. It can reduce the wear and tear in the work.

05 Three drainage holes reduce the deflection of the valve disc.



1. Body A216 WCB
2. Cap A216 WCB
3. Disc A276 420
4. Seal Stellite
5. Filter A240 304
6. Gasket A240 304
7. Bottom cap ASTM A105

