

FREE BALL FLOAT STEAM TRAP



SCS11



SCS41

Application

Free ball float steam traps are extremely versatile and work efficiently on both light and heavy condensate loads. Although compact in size, their discharge capacity is high and continuous, ensuring maximum heat transfer. These traps are the best choice for draining plant with automatic temperature control.

Size and pipe connections

DN15 - DN50 Screwed BSP or NPT
DN15 - DN150 Flanged EN 1092 PN16/ PN25, ANSI 150

Installation

Horizontal connections with flow from left to right

Material

Part	Material
Body/cover	A216 WCB
Cover bolts	A193 B7
Cover gasket	graphite+SS304 or SS316
Valve seat	A276 430
Ball float and lever	A240 304
Air vent assembly	A240 304

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

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

limited condition

Body design conditons	PN40
PMO Maximum allowable pressure	40bar g
TMO Maximum allowable temperature	300°C
ΔPMX Maximum differential pressure	32bar

Standard

Design standard: ISO 6552
Face to face dimension: EN26554
Test & inspection: EN26948

Dimensions/ weights (approximate) in mm and kg SCS41 Flanged

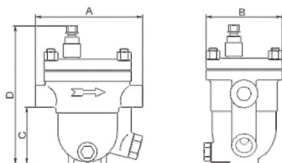
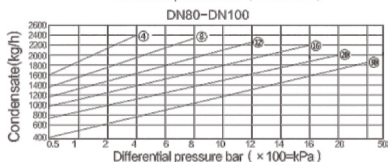
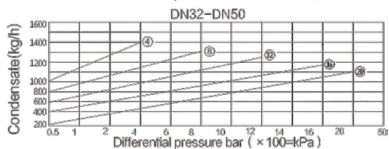
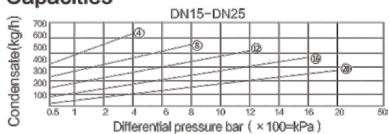
Size	A	B	C	D
DN15	195	120	97	195
DN20	195	126	103	200
DN25	215	130	105	210
DN32	270	172	130	240
DN40	280	172	140	250
DN50	290	172	140	250
DN65	340	210	175	300
DN80	380	220	190	325
DN100	430	260	225	410
DN125	480	280	260	420
DN150	480	302	311	506

SCS11 Screwed

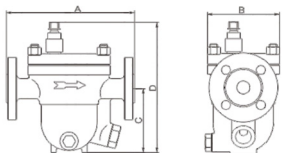
Size	A	B	C	D
DN15	155	105	97	195
DN20	155	105	103	200
DN25	155	115	105	210
DN32	160	120	116	220
DN40	160	120	116	220
DN50	160	120	123	235



Capacities



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