



ARI-CONA S Ball Float Steam Trap Type 42.634 Forged Steel.

- Screwed PN16
- ½" to 1" DN15-DN25
- Forged Steel Body
- Non Return Protection
- Easy to Install
- 300°C 16 Bar

Description

ARI-CONA S Ball float steam trap offers reliable condensate discharge in all kinds of steam systems. Offered in sizes from ½" up to 1" and supplied with integral non return protection. The ARI-CONA S is screwed to PN16 and offered with various allowable differential pressures (Δ PMX). The benefits of the CONA S include rapid system start up, due to a thermostatic air venting capsule. In addition the unit has high discharge rates, even at low differential pressures and gives immediate discharge of hot boiling condensate.



Description

The ARI-CONA S ball float steam trap is designed for the control and discharge of condensate in all kinds of steam systems. Manufactured in Forged Steel, with screwed PN16 pressure rating. Allows fast system start up due to the thermostatic air vent which offers immediate discharge of hot boiling condensate. Fitted with non return protection. Offered in sizes ½"-1" (DN15-DN25)



Beschreibung

Der Kugelschwimmer-Kondensatableiter ARI-CONA S ist für die Regelung und Ableitung von Kondensat in Dampfsystemen aller Art konzipiert. Hergestellt aus geschmiedetem Stahl, mit verschraubter Druckstufe PN16. Ermöglicht einen schnellen Systemstart aufgrund der thermostatischen Entlüftung, die eine sofortige Ableitung von heißem, siedendem Kondensat ermöglicht. Mit Rückschlagschutz ausgestattet. Angeboten in den Größen ½"-1" (DN15-DN25)



Descripción

El purgador de vapor de flotador de bola ARI-CONA S está diseñado para el control y descarga de condensado en todo tipo de sistemas de vapor. Fabricado en Acero Forjado, con clasificación de presión atornillada PN16. Permite una puesta en marcha rápida del sistema gracias al venteo de aire termostático que ofrece una descarga inmediata del condensado hirviendo caliente. Equipado con protección antirretorno. Se ofrece en tamaños de ½"-1" (DN15-DN25)



Description

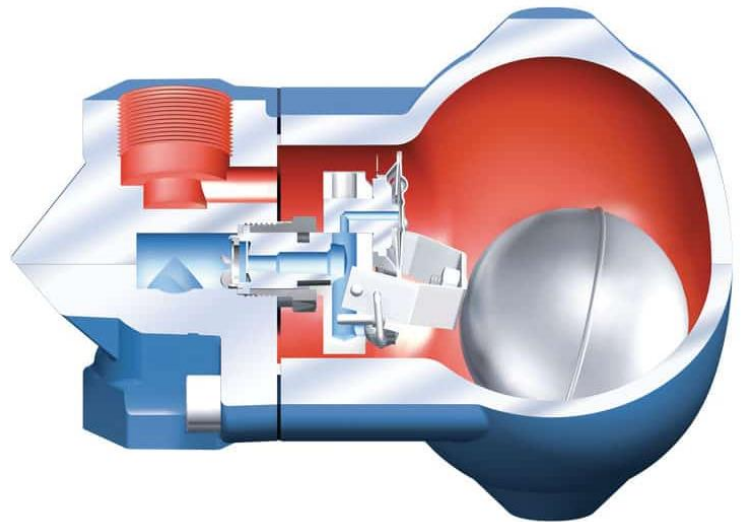
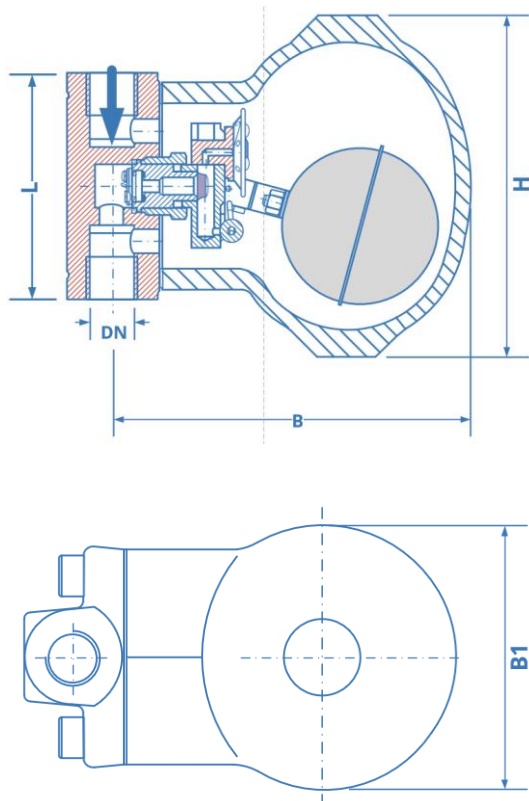
Le purgeur à flotteur ARI-CONA S est conçu pour le contrôle et l'évacuation des condensats dans tous les types de systèmes vapeur. Fabriqué en acier forgé, avec palier de pression PN16 vissé. Permet un démarrage rapide du système grâce au purgeur d'air thermostatique qui offre une évacuation immédiate des condensats chauds bouillants. Équipé d'une protection anti-retour. Offert dans les tailles ½"-1" (DN15-DN25)

Information at a glance

Body design conditions	PN16
Maximum allowable pressure	14 bar g @ 300°C
Maximum allowable temperature	300°C
Minimum allowable temperature	-10°C

Allowable Differential Pressure Δ PMX

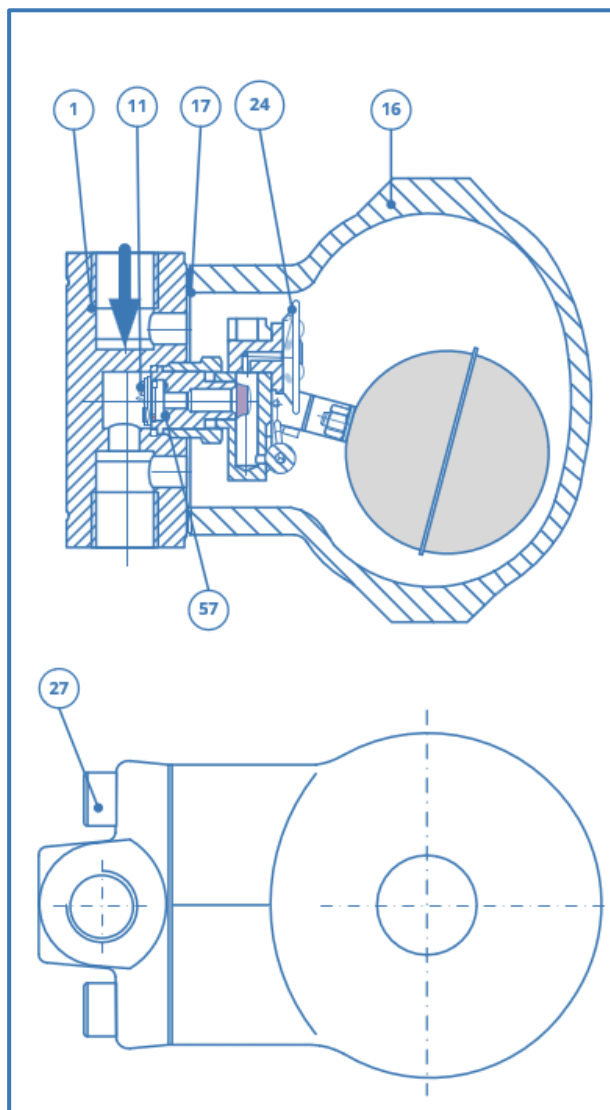
4 Bar	R4
14 Bar	R14



DIMENSIONS			
Size	15	20	25
	1/2"	3/4"	1"
L	95	95	95
H	140	140	140
B	155	155	155
B1	97	97	97
Weight kg	4.7	4.9	5.1

Allowable Differential Pressure ΔPMX

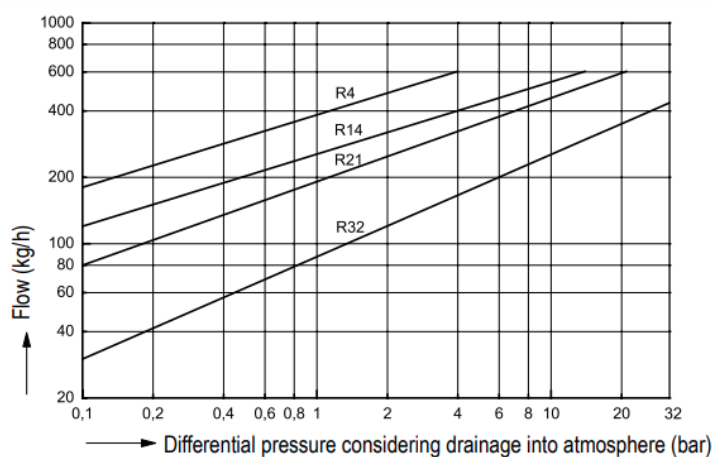
4 Bar	R4
14 Bar	R14



MATERIAL

Item	Description	Material
1	Body	P250 GH, 1.0460
11	Sealing Ring	A4
16	Hood	EN-JS 1049 EN-GJS-400-18U-LT
17	Gasket	Graphite
24	Controller capsule	X5CrNi18-10, 1.41301 TB102/85
27	Cheese head Screw	A2-70
57	Non return Protection	X6Cr17, 1.4016

Capacity chart



The capacity chart shows the maximum flow of hot boiling condensate.

The total cold water capacity is the result of:

- The capacity of the trap is increased by 1,2 x the value shown in the capacity chart.
- The thermostatic air vent is open, provided additional capacity as shown in the table

Additional cold water-flow quantity of the thermostatic steam trap at starting conditions

Δp in bar	1	2	4	8	10	14	21	32
Q (approx. 20°C) in kg/h	180	250	360	480	530	620	750	920

All information is sourced from our manufacturer's data and is intended for guidance only - Valves Online can accept no liability for changes, omissions or errors.