



ARI-CONA S Ball Float Steam Trap Type 25 631, SG Iron.

- Flanged PN40
- ½" to 2" DN15-DN50
- SG Iron Body
- Inside Strainer, Non Return Protection
- Easy to Install
- 250°C (35 Bar), 350°C (22 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 2" and supplied with integral non return and strainer protection. The ARI-CONA S is flanged to PN40 and offered with various allowable differential pressures (ΔPMX).

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 SG Iron, with flanged PN40 pressure rating. Allows fast system start up due to the thermostatic air vent which offers immediate discharge of hot boiling condensate. Fitted with integral strainer and non return protection. Offered in sizes ½"-2" (DN15-DN50)



Beschreibung

Der Kugelschwimmer-Kondensatableiter ARI-CONA S ist für die Regelung und Ableitung von Kondensat in Dampfsystemen aller Art konzipiert. Hergestellt aus SG-Eisen, mit geflanschter Druckstufe PN40. Ermöglicht einen schnellen Systemstart aufgrund der thermostatischen Entlüftung, die eine sofortige Ableitung von heißem, siedendem Kondensat ermöglicht. Ausgestattet mit integriertem Schmutzfänger und Rückschlagsicherung. Angeboten in den Größen ½"-2" (DN15-DN50)



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 Hierro nodular, con clasificación de presión bridada PN40. 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 filtro integral y protección antirretorno. Se ofrece en tamaños de ½"-2" (DN15-DN50)



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 fonte GS, avec palier de pression PN40 à brides. Permet un démarrage rapide du système grâce au purgeur d'air thermostatique qui offre une évacuation immédiate des condensats chauds bouillants. Équipé d'une crépine intégrée et d'une protection anti-retour. Offert dans les tailles ½"-2" (DN15-DN50)

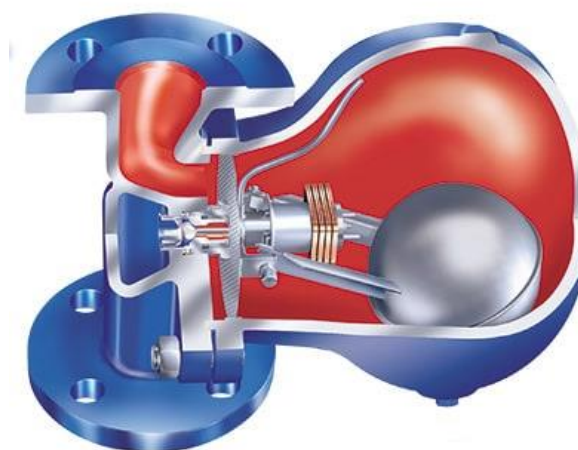
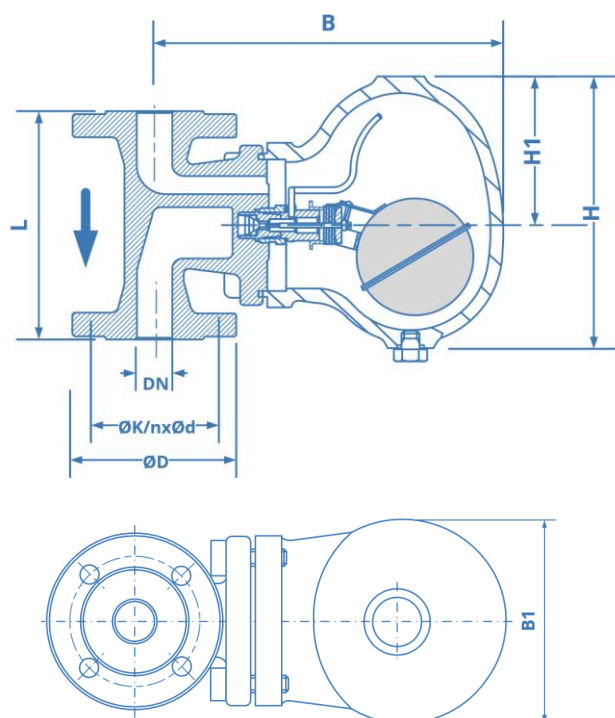
Information at a glance

Body design conditions	PN40
Maximum allowable pressure	32 bar g @ 250°C
Maximum allowable temperature	350°C
Minimum allowable temperature	-10°C

Allowable Differential Pressure ΔPMX

2 Bar	R2
4 Bar	R4
8 Bar	R8
13 Bar	R13
≥PN40	PN40
22 Bar	R22
32 Bar	R32

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.



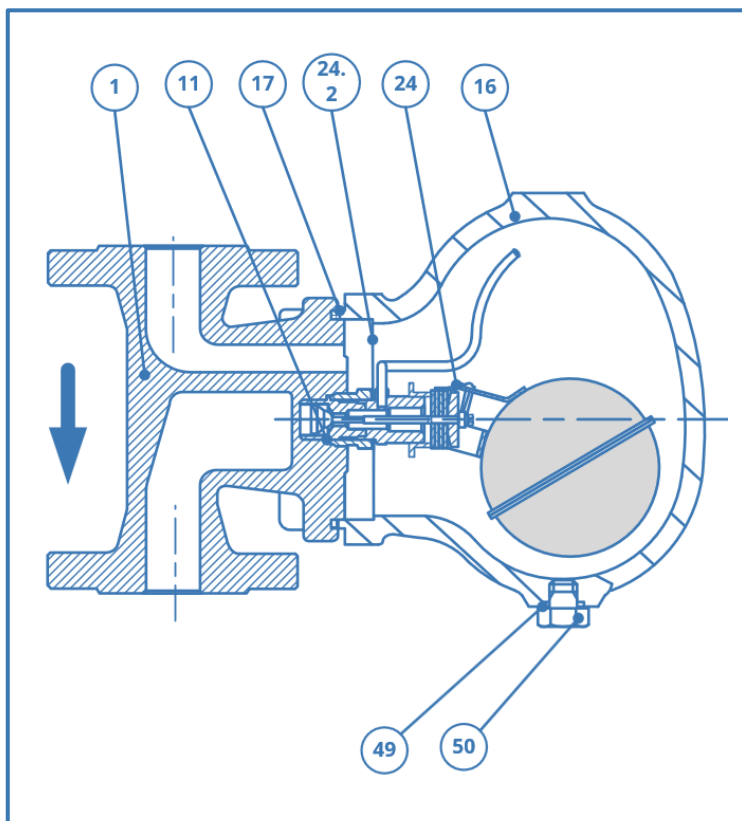
DIMENSIONS

Size	15	20	25	40	50
	1/2"	3/4"	1"	1 1/2"	2"
L	150	150	160	230	230
H	162	162	193	274	274
H1	87	87	107	157	157
B	215	215	245	289	289
B1	114	114	135	194	194
Weight kg	8.1	8.3	12.1	28.5	29.1

Allowable Differential Pressure ΔPMX

2 Bar	R2
4 Bar	R4
8 Bar	R8
13 Bar	R13
$\geq$ PN40	PN40
22 Bar	R22
32 Bar	R32

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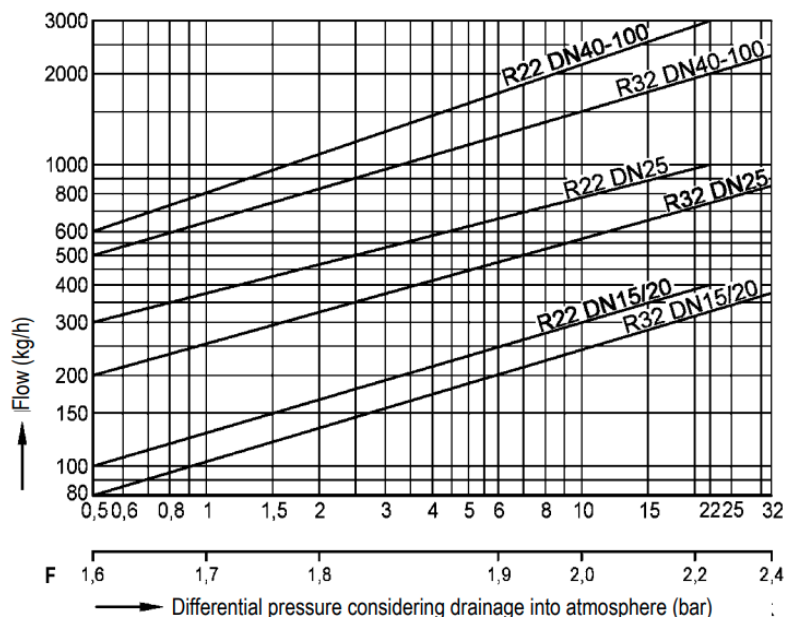
MATERIAL

Item	Description	Material
1, 16	Body and Hood	EN-JS 1049 EN-GJS-400-18U-LT
11	Sealing Ring	A4
17	Gasket	Graphite
24.2	Strainer	X5CrNi18-10,1.41301
24	Controller capsule	X5CrNi18-10,1.41301 TB102/85

Capacity chart

Standard R22 and R32

DN15 - DN100



The capacity chart shows the maximum flow quantities of hot condensate for the different controllers and steam trap sizes

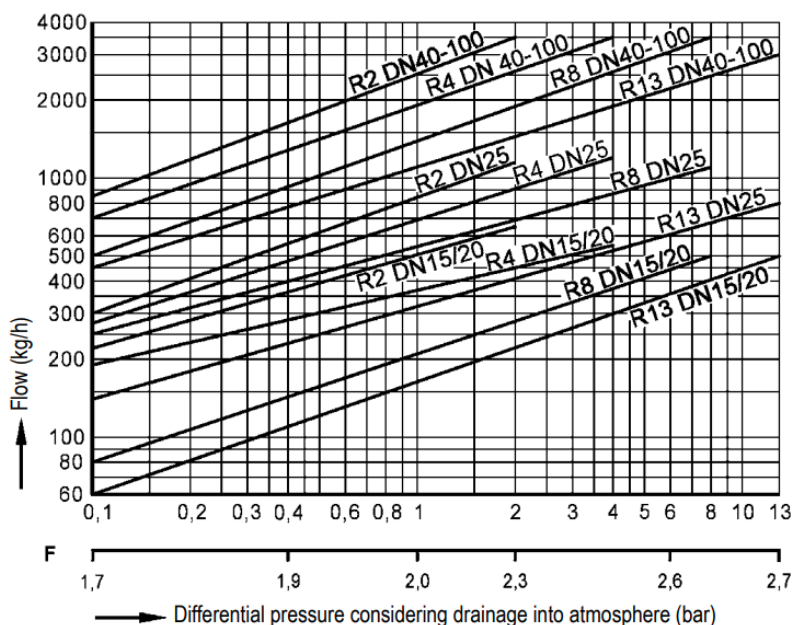
In common, the steam traps are fitted out with an controller as shown in the flow diagrams of this page acc. to the differential pressures and flow rates.

For very large flow rates with low differential pressures, steam traps at sizes DN40 up to DN100 can be fitted out with a super-controller

The maximum flow quantity of cold condensate at about 20°C can be determined by multiplication of the appropriate factor F (in the scale below the diagrams) with the hot condensate quantity determined by the capacity chart. (Factor F is related to the differential pressure)

Standard R2 to R13

DN15 - DN100



The capacity chart shows the maximum flow quantities of hot condensate for the different controllers and steam trap sizes

In common, the steam traps are fitted out with an controller as shown in the flow diagrams of this page acc. to the differential pressures and flow rates.

For very large flow rates with low differential pressures, steam traps at sizes DN40 up to DN100 can be fitted out with a super-controller

The maximum flow quantity of cold condensate at about 20°C can be determined by multiplication of the appropriate factor F (in the scale below the diagrams) with the hot condensate quantity determined by the capacity chart. (Factor F is related to the differential pressure)

The capacity chart shows the maximum flow of hot condensate for the standard controller.

Flow rate of cold condensate at 20°C is about 1.5 times the volume of hot condensate.