

# BYVAP® Thermobimetal Thermostatic steam trap TYPE GMA

## Description

The BYVAP® thermobimetal steam trap type GMA is especially designed for large line drain or process applications on saturated steam or superheated steam. This steam trap is equipped with a strainer and a non-return valve.

## Characteristics:

Body: Forged steel A105  
Forged stainless steel 316

PMO: upon mechanism

GMA 405/505: 5 bar

GMA 414/514: 14 bar

GMA 425/525: 25 bar

GMA 440/540: 40 bar

GMA 450/550: 50 bar

TMO: 400°

Design pressure: 102 bar

Connections threaded, SW or flanges.

Size: 1½ / 2", DN 40/50 – Class 150-300-600, PN40-64-100.



## Particular features:

- This steam trap works on hot condensate, without steam leakage and ensures quick drain of large quantities of cold condensate, air and non-condensable gases.

## How to order :

Steam trap type GMA 425 1½ SW

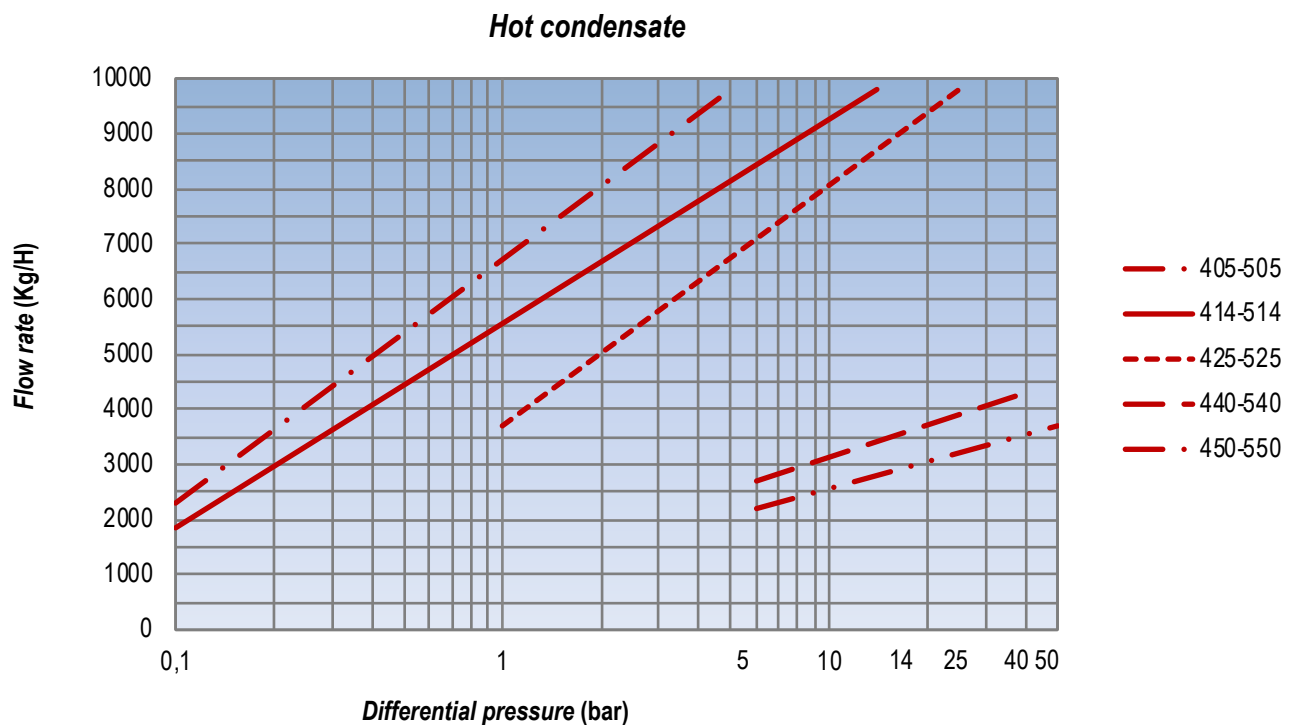
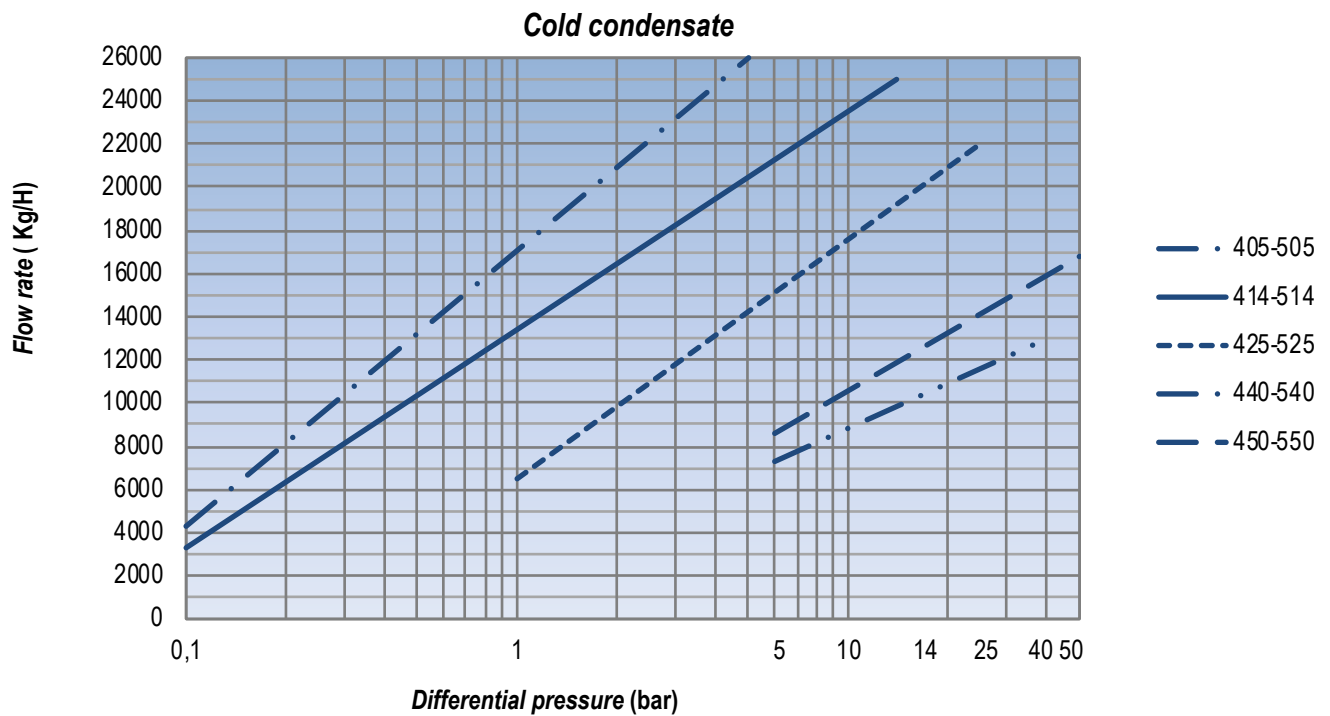
## Certification

This steam trap is compliant with 2014/68/UE.

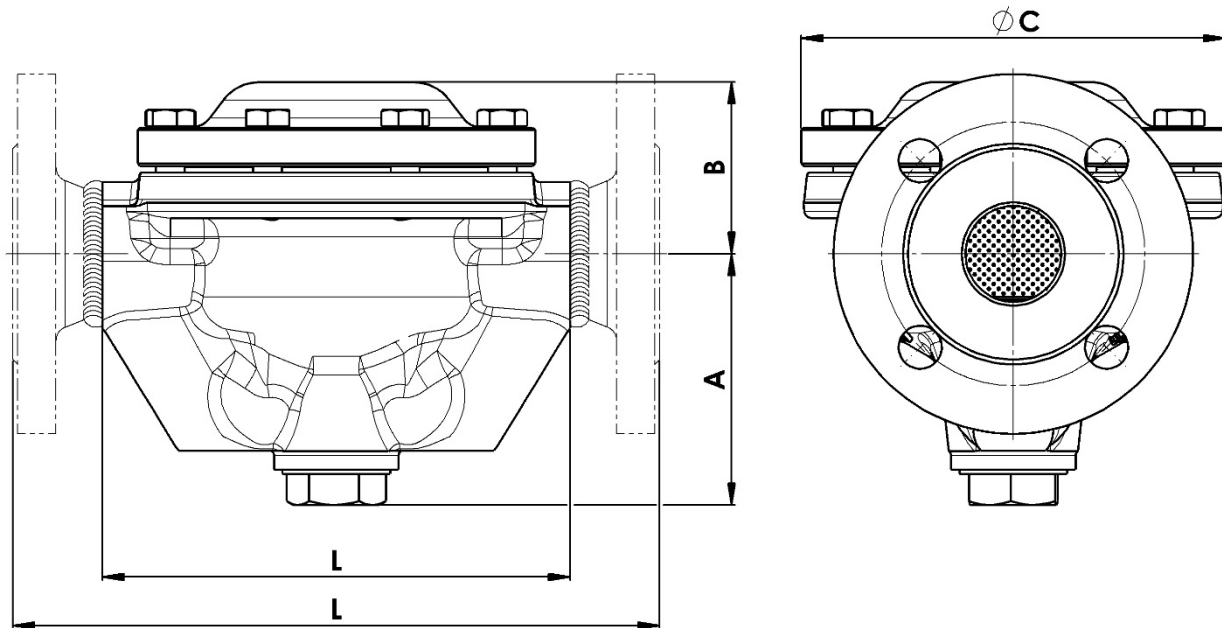
Sart von Rohr SAS  
25 Rue de la Chapelle  
BP 2 – F 68620 Bitschwiller-lès-Thann

Tel. 33/ (0)3 89 37 79 50  
Fax 33/ (0)3 89 37 79 51  
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## Flow rate

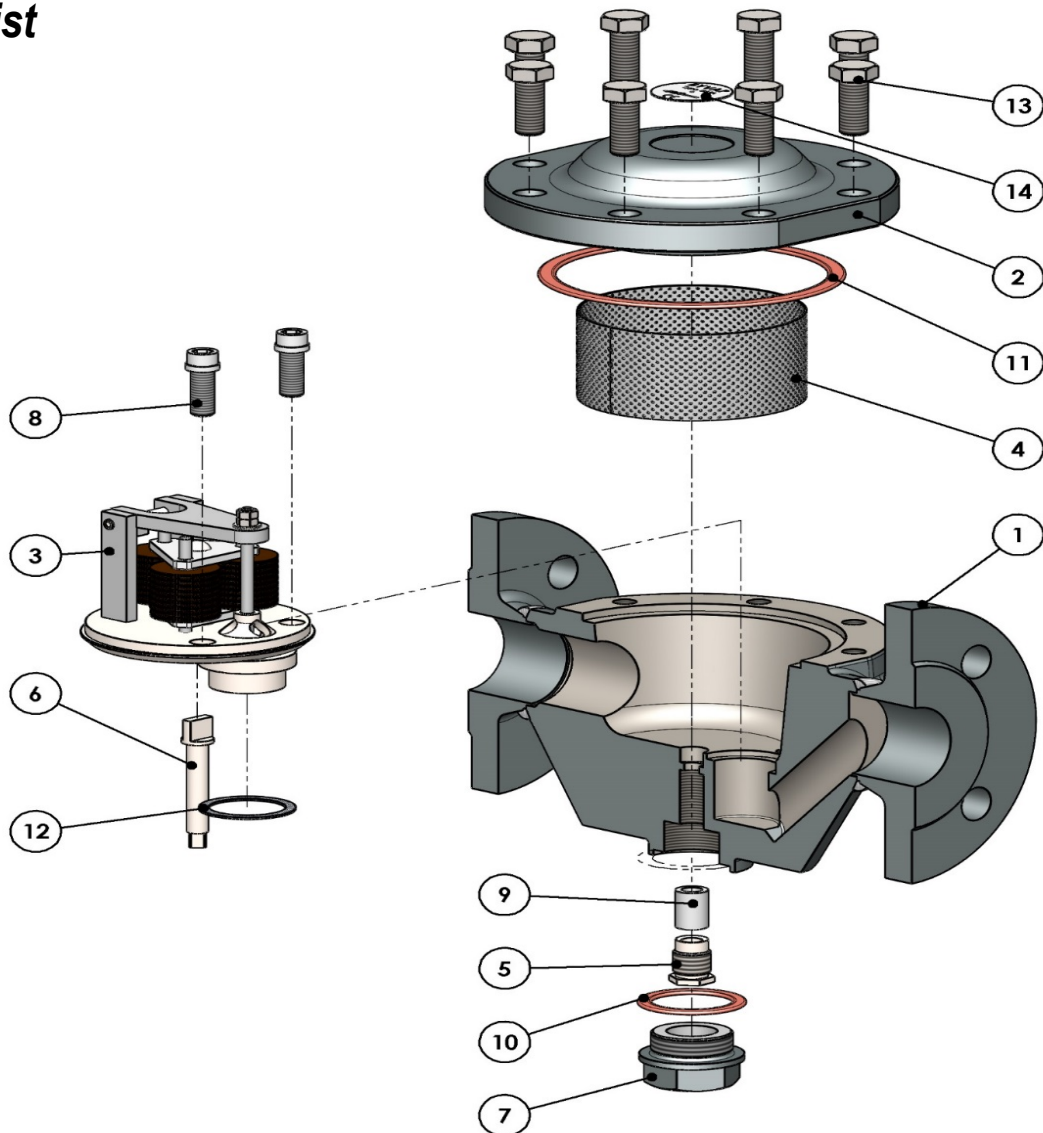


## Dimensions



| DN                                   | Connections    | L   | A   | B  | C   | Weight (kg) |
|--------------------------------------|----------------|-----|-----|----|-----|-------------|
| 1½"/2"                               | SW-NPT-BSPP    | 270 | 105 | 72 | 177 | 15          |
| DN40/DN50 PN40 - 1½"/2" Class150/300 | Brides/Flanges | 270 |     |    |     | 18          |
| DN40 PN64/100 - 1½"/2" Class600      |                | 290 |     |    |     | 21          |
| DN50 PN64/100 - 2" Class600 RTJ      |                | 320 |     |    |     | 20          |

## Parts List



| Item | Description           | Material                |
|------|-----------------------|-------------------------|
| 1    | Corps / Body          | A105 / AISI 316         |
| 2    | Couvercle / Cover     | Steel -Stainless steel  |
| 3    | Bimetallic device     |                         |
| 4*   | <b>Filter</b>         | Stainless steel         |
| 5    | Presser               | Stainless steel         |
| 6    | Adjusting rod         | Stainless steel         |
| 7    | Cap                   | Steel –Stainless steel  |
| 8    | Screw                 | Stainless steel         |
| 9*   | <b>Packing</b>        | PTFE                    |
| 10*  | <b>Gasket</b>         | Copper –Stainless steel |
| 11*  | <b>Gasket</b>         | Copper –Stainless steel |
| 12*  | <b>Gasket</b>         | Graphit                 |
| 13   | Screw                 | Steel –Stainless steel  |
| 14   | Plaquette / Nameplate | Inox / Stainless steel  |

\* Spare parts