

## EEC CONFORMITY

Our check valves comply with European regulations (EEC) within the limits of use described in paragraph B.

CE mark on the check valve indicates the conformity to the following regulations :



- **2014/30/EU** "Electromagnetic compatibility"
- **2014/68/EU** "Pressurized equipment"
- **2014/35/EU** "Low pressure"
- **2006/42/EC** "Machines"

### B- Use limits

Use pressure has to be lower than 10 bars for all products.

In case of dangerous gas (1) check valve diameter (line) must be below 100 mm.

For use outside these limits, please contact our technical service.

(1) dangerous gas : group 1 gas , identified by a letter on the label and on the security card of the product :

E (for detonating gas), O (for fuel), F+, F and R10 (inflammable), T+ and T (toxic).

For additional information, please see regulation **1272/2008** "Labelling of dangerous products".

## SPARE PARTS AND ACCESSORIES

Refer to the general documentation or consult us.

Please consult us in the event of a malfunction.



# FITTING INSTRUCTIONS

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CHECK VALVE

[www.definox.com](http://www.definox.com)

DEFINOX SAS

3 Rue des Papetiers - Z.A.C. de Tabari 2

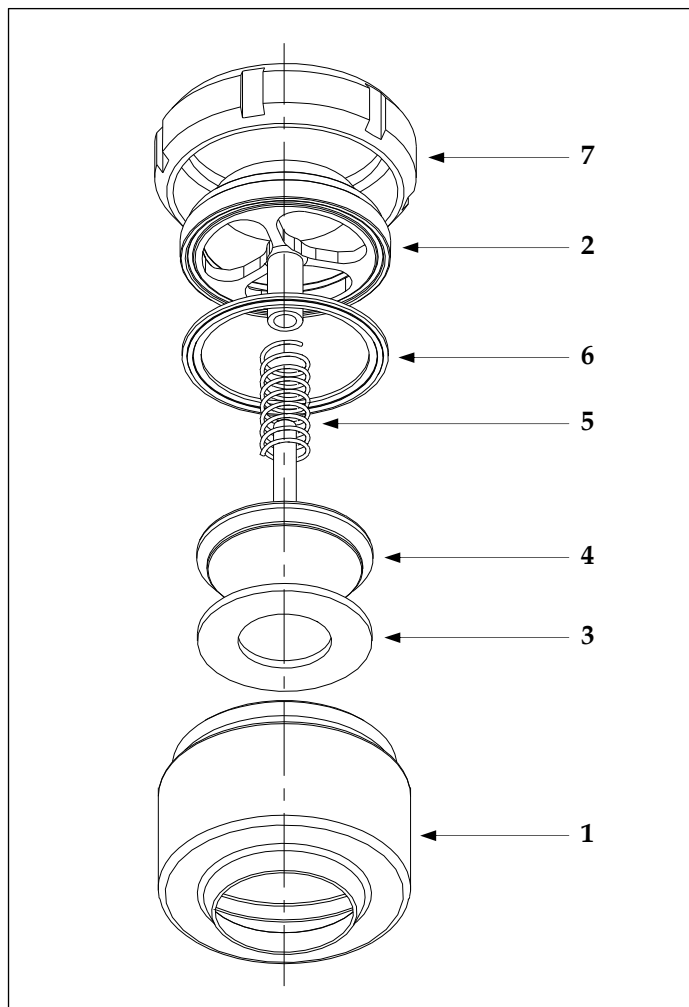
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## CHECK VALVE



- 1 : Body
- 2 : Piston guide
- 3 : Piston seal
- 4 : Piston
- 5 : Spring
- 6 : Clamp seal
- 7 : Nut

Follow the fitting and operating instructions carefully. Take account of the actual working conditions and comply with the valve specifications indicated in the DEFINOX catalogue.

### VALVE IDENTIFICATION

The DEFINOX check valves have an identification number engraved on the body (1). You will need this number in order to identify the spare parts you may request.

### POSSIBLE SEAL TYPES

The following seal types can be mounted on your valve:

PFA

FOOD-QUALITY VITON

Please contact our Technical Department to define the seal type suited to your process.

### CHECK VALVE INSTALLATION

Store your valve in its original packaging to prevent damage. Disassemble the valve before welding it to your process line. Unscrew the nut (7). Extract the piston guide (2), seal (6), spring (5), piston (4) and seal (3) from the body (1). Fit the nut (7) on to your process pipeline and weld on the piston guide (2). Fasten the body (1) to your line. Include couplings or a means of separating the pipes to enable the check valve to be disassembled later for maintenance purposes (change of seal).

**NOTE: For a correct functioning, the horizontal assembly is not advised.**

### FITTING CHECK VALVES

Wash the body (1), piston guide (2) and piston (4) thoroughly, being sure to remove any stainless steel chips and remains of welding filler. Assemble the parts in the following order: body (1), piston (4), spring (5), clamp seal (6), piston guide (2) and nut (7). Tighten the nut. When using for the first time, check the valve for leaks.

**N.B.** During sawing operations, avoid getting chips or filings in the pipes and rinse the pipes thoroughly with the valve open to avoid damaging the seals when the valve is put into service.