

Exchange Cartridge 1916

for SYR pressure relief valve type 1915 DN 15 - 2.5 and 3 bar



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Field of application

The field of application of the exchange cartridge type 1916 is to repair pressure relief valves type 1915, size DN 15. It can be used for all admissible applications of the original valves. The exchange cartridge type 1916 can be used as a safety component in compliance with the Pressure Equipment

Directive 97/23/EG for directly or indirectly heated pressurised tanks with danger of overheating designed to generate steam or hot water according to Art. 3 section 1.2 up to category IV.

The installation of the exchange cartridge has no negative effect on the operating performance.

Design

The operational parts in the exchange cartridge type 1916 are protected against direct contact with the medium (protection against corrosion). The exchange cartridge can be lifted by means of the

rotatable handle. Cleaning the seat and the seal after having removed the head part does not change the opening pressure.

Materials

The body is made of a high-quality low-lead brass alloy; the spring cap is made of zinc diecasting, the diaphragm and seals of heat and ageing resistant

elastomeric synthetic material and the spring of corrosion protected spring steel wire.

Installation

Should the pressure relief valve have become unserviceable - indicated by constant dripping-, unscrew the head part and replace it with the exchange cartridge. Ensure that the opening pressure

of the exchange cartridge does not exceed the maximum admissible operating pressure of the installation.

Before disassembling the original head part, depressurise or drain the installation. Clean the valve seat before mounting the exchange cartridge. The exchange cartridge is positioned with the metallic

side directly on the valve seat and therefore has to be tightened with an adequate tool after being screwed in.

Technical data

Opening pressure:

Fluids:

Operating temperature:

Mounting position:

Component approval number:

Serial number:

Standard setting 2.5 or 3 bar

water; neutral non-adhesive fluids

-10 °C up to max. 120°C

like original valve

TÜV-SV-15-525-H-P-p

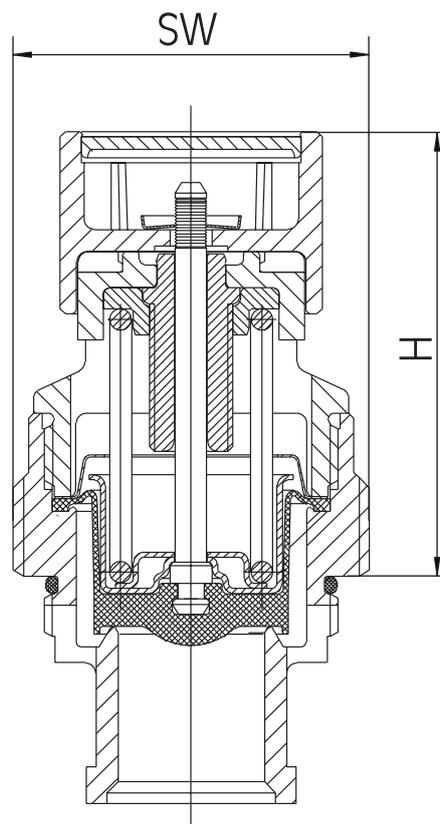
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Maintenance

The correct function should be checked by qualified personnel at initial operation and then on a regular basis: turn the lifting handle in the direction of the

arrow until you hear a click. Afterwards, the valve has to be closed tight.



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Nominal size	DN 15
	G 1/2"
Dimensions in mm	H (mm)
	SW
	44
	32

1916 Exchange cartridge

Components / Order numbers

- ① **Exchange cartridge 1916**
DN 15 2.5 bar: 1916.15.000
DN 15 3.0 bar: 1916.15.001
- ② **Disassembled head part**
- ③ **Valve body**

