

Exchange Cartridge 2116

for SYR pressure relief valves and safety groups DN 15 + DN 20



5

Field of application

The field of application of the exchange cartridge type 2116 is to repair pressure relief valves type 2115, sizes DN 15 and DN 20 as well as pressure relief valves in the SYRobloc safety groups type 24 and

25 and safety groups type 322 to 324. It can be used for all applications of the original valves. The installation of the exchange cartridge has no negative effect on the operating performance.

Design

The operational parts in the exchange cartridge type 2116 are protected against direct contact with the medium (protection against corrosion). The exchange cartridge can be lifted by means of

the rotatable handle. After being disassembled, the seat and the seal can be cleaned; the opening pressure remains unchanged.

Exchange cartridge 2116

Materials

The body made of a high-quality low-lead brass alloy is also available as chromium-plated model. The spring cap is made of glass fibre reinforced synthetic material, the diaphragm and the seals

are made 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.

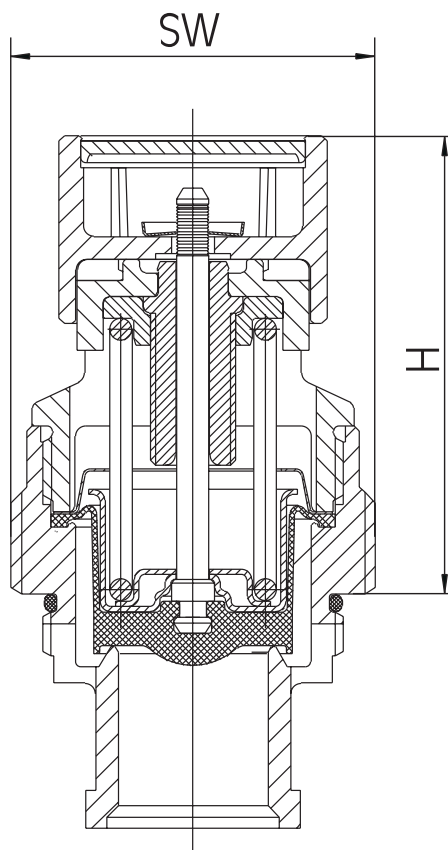
Technical data

Operating temperature:	max. 110°C
Opening pressure:	2 - 10 bar
Mounting position:	like original valve
Component approval number:	TÜV-SV-15-545-DN-W-N-P
Fluids:	water, neutral non-adhesive fluids
Serial number:	2116...
	CE 0085

Maintenance

It is recommended to service the device on a regular basis. The correct function should be checked by qualified personnel at initial operation and then once a year:

turn the lifting handle in the direction of the arrow until you hear a click. Afterwards, the valve has to be closed tight.



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

* Kw = Key width

Exchange cartridge 2116

Components / Order numbers

①
**Exchange cartridge 2116
DN 15 + DN 20**

brass alloy:

6 bar: 2116.20.000

8 bar: 2116.20.001

10 bar: 2116.20.002

chromium-plated:

6 bar: 2116.20.006

7 bar: 2116.20.011

8 bar: 2116.20.007

10 bar: 2116.20.008

②
Disassembled head part

③
Valve body

