Spraying device SV1
for container sight glasses PN 10/16

SV1



For container sight glasses type 317 & 318 up to max. 2.5 barg

USAGE

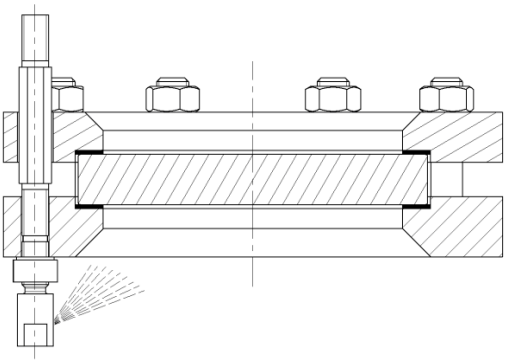
The spraying device SV1 is used for targeted cleaning of sight glasses in containers, reactors, or process plants. It ensures clear visibility during process monitoring and is suitable for intermittent or continuous operation.

Operating condition:	
Temperature:	≤ 200 °C with PTFE Gasket (Standard) ≤ 400 °C with Graphite Gasket
Pressure:	max. 16 barg

INSTALLATION NOTE

The installation is carried out by screwing the unit into the base flange using pressure-tight screw connections with the aid of a form- and media-resistant intermediate seal. The cover flange must be equipped with a precisely fitting axial through hole for this purpose. The sealing of the connection threads must be performed on site with a sealing material corresponding to the operating conditions (e.g. PTFE sealing tape or liquid thread sealing) to ensure a permanently pressure-tight connection.

DRAWING



When selecting the cleaning medium, the temperature change resistance of the sight glass plate must be taken into account (see the respective data sheets of the glasses).

FLOW PARAMETERS

Flow parameters: Water, 20°C					
Pressure	[barg]	2	4	6	25
Flow rate	[m/s]	20	28	35	71
Volumetric flow	[l/min]	3.8	5.3	6.5	13.3
Volumetric flow	[l/h]	226	320	392	800

The plant operator must ensure that the spray pressure of the flushing medium does not exceed the maximum allowable container pressure.

PARTS AND MATERIALS - TABLE

Parts and materials:		
1	Connecting piece	1.4571
2	Seals	PTFE or graphite
3	Counter nut	1.4571
4	Spray head	1.4571

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PRODUCT CODE

Example for Explaining the Code Composition

11 - SV1 - 1 - 2 - 00000

GROUP	TYPE	MATERIAL	CONNECTION	VARIANT
11	SV1	1) 1.4571	1) Welding ends	Standard
		9) Special	2) Threaded end G 1/4“	HT) High temperature

HT variant exclusively with graphite gasket

Unless otherwise specified, the highlighted factory standard will be delivered.

EXAMPLE

The product code 11-SV1-1-2-00000 corresponds to the standard version:
ACI spraying device type SV1
for sight glasses according to or based on DIN 28120
spray head 1.4571
connection piece 1.4571
counter nut 1.4571
gaskets PTFE
connection: thread end G 1/4“

STRUCTURE

1 = Spray nozzle
2 = Lock nut
3 = Gaskets
4 = Connection piece



QUICK OVERVIEW

max. 16 barg

heat resistant up to 400 °C

for liquid media

custom made design possible

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