Spraying device SV2
for container sight glasses type 321

SV2

For round sight glass fittings type 321 acc. to DIN 28121 for intermediate flange mounting

USAGE

The spraying device SV2 is used for the targeted cleaning of sight glasses in containers, reactors, or process plants. It provides clear visibility during process monitoring and is suitable for intermittent or continuous operation.

Operating conditions:	
Temperature:	≤ 200 °C with PTFE Gasket (Standard) ≤ 400 °C with Graphite Gasket
Pressure:	max. 25 barg

INSTALLATION NOTE

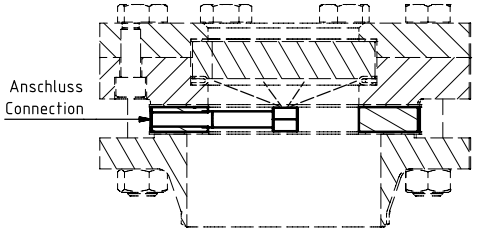
The spraying device type SV2 is a specially developed accessory for targeted cleaning of screwed sight glass fittings, such as according or sililar to DIN 28121. The assembly takes place between the base flange of the sight glass fitting and the container flange. Quick, secure, and without complicated adjustments.

Thanks to the use of form- and media-resistant flange seals, a permanently pressure-tight connection is ensured. The spraying device SV2 is thus ideally suited for applications with high demands on visibility control and process hygiene – for example in the food, chemical, or pharmaceutical industries.

An integrated connection thread G 1/4" on the side of the spraying device allows for the connection of flushing lines. Thus, sight glasses can be efficiently cleaned from the inside – even in already installed systems, retrofitting is possible without significant effort.

For sealing the threaded connection, a sealing-compatible material (e.g., PTFE tape or liquid thread sealant) suitable for the operating conditions must be used.

DRAWING



FLOW PARAMETERS

Flow parameters: water at 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 system operator must ensure that the spray pressure of the rinsing medium does not exceed the maximum allowable container pressure.

PARTS AND MATERIALS - TABLE

Parts and materials:		
1	Connection piece	1.4571
2	Ring	1.4571 / 1.4404 etc.
3	Seals	PTFE or graphite
4	Counter nut	1.4571
5	Spray head	1.4571

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