

Ci SV Non-return valve

Item numbers covered by this datasheet

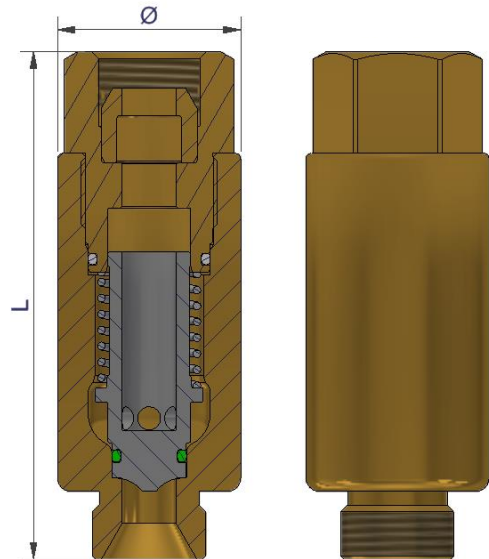
306350 Ci SV NRV add-on

General

Non-return valve (NRV) for use in SV manifold systems as an add-on between the discharge hose and the SV manifold. The NRV valve is intended to be used if leakage is detected in the built-in non-return valve(s) of an SV-manifold. It prevents the unintended discharge of cylinders, due to the back pressure activation function of the Ci IV8 valve.

Specifications

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|--------------------|----------------------------|
| Temperature: | -50 °C – 70 °C |
| Materials | Brass, Stainless steel, PU |
| Dimensions (L x Ø) | 74,9 mm x Ø27 mm |
| Weight | 0,25 kg |
| Pressure | |
| Work | 40 MPa |
| Proof (burst) | >120 MPa |
| Thread connections | ISO 228-1 G 3/8” |
| Flow way (Ø; area) | Ø8 mm; 50 mm ² |



Markings

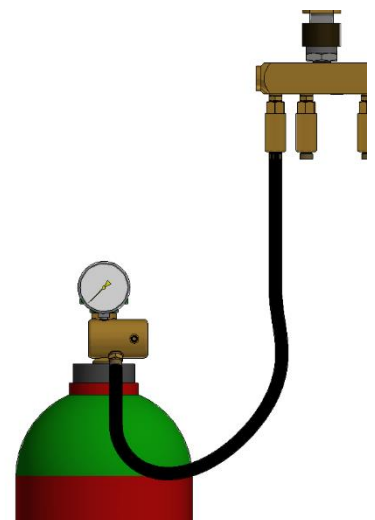
Fire Eater logo, “Ci SV NRV”, “WP=400bar”, “Flow way 50 mm²”, serial number, arrow indicating flow direction.

Installation

The non-return valve is designed to be directly installed on the manifold inlet, using the internal thread on the valve. The discharge valve is connected to the non-return valve via a high-pressure hose (representation on right).

Maintenance

The non-return valve is corrosion protected and permanently lubricated. Do not attempt to disassemble the valve. Leak tightness may be checked using 3 to 10 bar pressure in the blocking direction, or using a special vacuum test tool on the valve inlet. Pushing the piston manually back against the stop should not require more than 15 N force, when performing this test do not use tools which could damage the sealing surfaces. If any parts are damaged or leaking, the complete valve must be replaced.



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|----------------------------|----------------|------|
| Document: 306350 Ci SV NRV | | Text |
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| Category: | Id: NATH | 3 |
| Control inert | Rev:2022-05-20 | 4 |
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