

SV PRV 35MPa 1/4*Item numbers covered by this datasheet*

305140 SV PRV 35 MPa 1/4"

General

The SV PRV 35MPa is a Pressure Relief Valve which can be installed in the SV22 distribution manifold line to prevent unintended pressure build up.

The SV PRV can be fitted to the Tee's used in SV22 Zone kit and SV MT kits, or it can be installed at the end of the manifold line in the SV Ci MT as well.

On the outlet of the PRV there is a 1/4" thread where a coupler can be installed to lead the excess pressure to open deck.

Specifications

Temperature (operation / storage) -60C to +100C

Materials: Stainless Steel and Brass

Weight: TBD

Pressure [MPa]

Relief: 35MPa

Thread connections

Inlet: M30

Outlet: 1/4" Female tapered

Flow way ø4mm

**Marking**

Fire Eater logo, SV PRV 35MPa

Serial number

Document:

305140 SV PRV 35MPa

Category:

SV-CiV system

Id: MK

Rev: 2017.10.18

**FIRE EATER**

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DK- 3400 Hillerød
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Text

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Installation

Remove the blind-plug in the Tee or at the end of the manifold line.

Verify that the O-ring is un-damaged.

Screw in the M30 thread until it reaches the bottom of the thread, it may be screwed back up to ½ turn to align outlet of the PRV.

Install a suitable adapter in the outlet of the PRV, and connect the outlet to open deck via a tube or pipe in accordance with class requirement.

1. Remove blind plug
Inspect O-ring



2. Instal the PRV



3. Connect PRV to open deck pressure vent

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Operating

When pressure in the manifold line exceeds 35MPa (350 Bar) the valve will open until the pressure is below this pressure.

Maintenance

Keep the component clean.

Routine testing

Verification of the opening pressure should be made in accordance with Class and Authority requirements. The valve is supplied with calibration from Fire Eater.

Symbol

TBD

Section drawings

na

Replaceable parts

No replaceable parts, if damaged the complete component should be replaced.

Pressure may be adjusted by opening the seal and turning the top cap.

Standards & approvals

na

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