

SV Test Port Kit

Item numbers covered by this datasheet

305183 SV Test port Kit

General

Test port to be fitted between a control valve and a selector valve for testing the opening pressure of the selector valve and the leak tightness of the control line.

The kit features a check valve that is only open when the test equipment is fitted, hence eliminating potential human errors.

Specifications

Pressure:

Selector valve opening pressure: see selector valve specifications

Work: 0-400 bar

Proof (burst): > 1440 bar

Temperature:

-40 to +70°C

Connections:

Test port: ISO 228/1 G 3/8" w 60° seat

Selector valve port: Ø6 mm stainless steel tube (compression fitting)

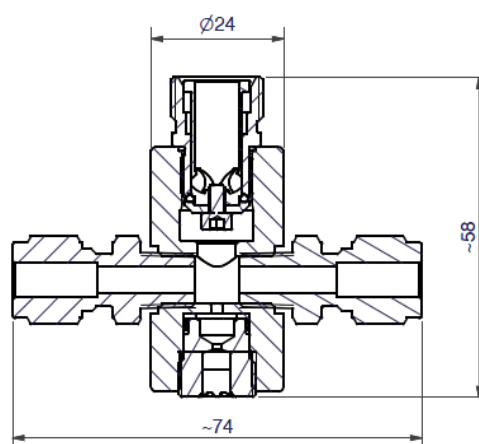
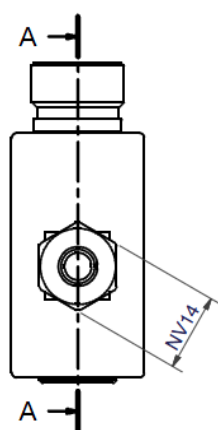
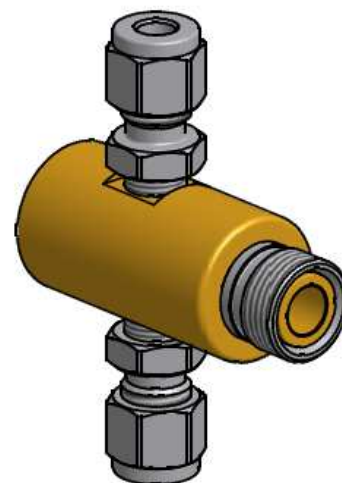
Control valve port: Ø6 mm stainless steel tube (compression fitting)

Dimensions:

Length: 74 mm

Height: 47 mm

Weight: 0.170 kg



Document: 305183 SV Test port kit

Text

Category:

SV CiV system

Id: MK

Rev: 2012.10.03



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Markings

“SV Test Port”, “WP 400 Bar” and Fire Eater logo.

Installation

Place the SV Test Port kit where access to the test port is convenient to make service easy.

Preferably the kit should be placed close to the control valve, so as to permit positive identification of the relationship between each control valve and its selector valve(s).

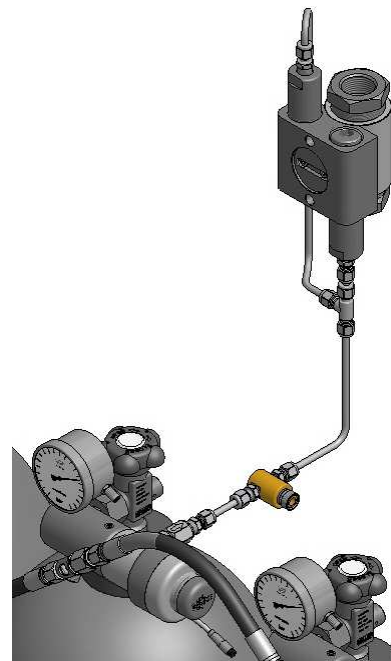
Tube from the control valve is routed to one of the compression fittings. From the other compression fitting, tubing is routed to the selector valve(s).

Only stainless steel Ø6 mm tubes may be used.

Tubes must be cut with a tube cutter. Tube cutter is ONLY to be used for stainless steel. The tubes must be deburred inside and outside.

The tube must be inserted so that it rests firmly on the shoulder of the fitting and make sure that the nut is finger-tight.

Hold the fitting body steady with a backup wrench and tighten the nut 1-1/4 turn.

**Operating**


The line has to be pressurised using the Tool kit Test port, item no. 305187. See Tool kit data sheet for instructions.

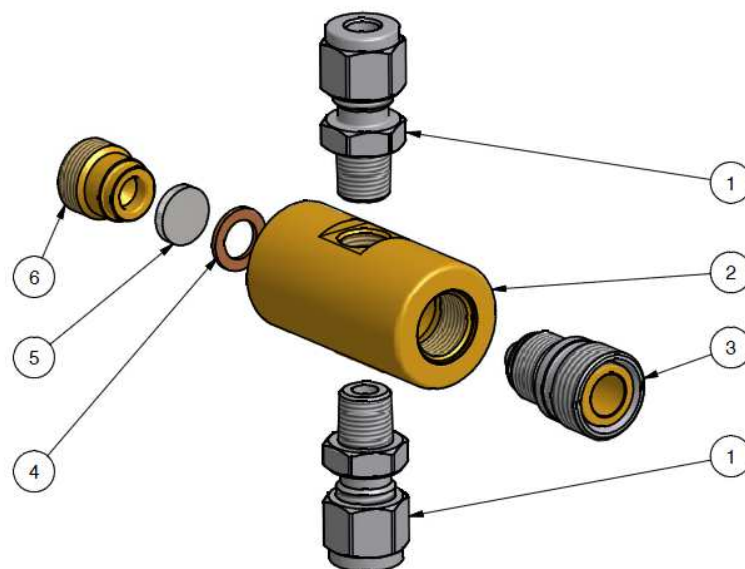
Maintenance

No serviceable parts, if leakage is detected the parts should be replaced.

Routine testing

Leakage test every 5 years by applying leak-seeking fluid to the device while pressurized (up to 50 bubbles/minute is acceptable on the test port connection).

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Exploded view

Recommended replacement parts

Pos.	Item	Description	Material
1	214058	Compres fit ø6 - 1/8bspt	SS
2	305101	SM22 Test port tee	Brass
3	305670	CM MT Valve assembly	Steel/brass
4	305098	Washer ø12x7x1	Copper
5	305444	Burst disc (480 bar)	Ni
6	305226	SM Burst disc Bolt	Brass

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