

Fire box

Installation, maintenance and
operating instructions

Read these instructions before starting!

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READ THESE INSTRUCTIONS FIRST!

These instructions provide information about safe handling and operation of the valve.

If you require additional assistance, please contact the manufacturer or manufacturer's representative.

SAVE THESE INSTRUCTIONS!

Addresses and phone numbers are printed on the back cover.

1. CONSTRUCTION

The box consists of double stainless steel plating of 0.7 mm, with a soft ceramic filling of 60 mm between the plates.

See drawing C1173340 overleaf.

In the lower part there is a steel frame for fitting to the actuator (part 1).

WARNING:

Only horizontal pipeline - valve shaft up orientations permitted

CAUTION:

Special attention is required in handling.

Follow the lifting instructions given later.

Any damages may weaken the properties of the fire box.

2. LIFTING, TRANSPORTATION, RECEPTION AND STORING

CAUTION:

Never lift a valve/actuator package from the fire box.

Place the lifting ropes securely around the valve and actuator.

The lifting hooks (part 2) in the fire box are intended for lifting of the box only.

If there is a separate support beam (part 3) protruding from the box, it may be used as additional supporting point for lifting.

Always follow the lifting instructions shown on the label (part 4) fitted to the box. The order of disassembly is given using letters, beginning from letter A.

The elements are locked using quick-release catches (part 5) which must be opened before lifting the box. The bottom elements (G and H) are fitted with M6 hex screws (part 6).

Check that the fire box, the valve and all the fittings are undamaged. Store the equipment in the original packing, preferably indoors. Use the original packing also for transporting the equipment to the place of mounting. Protect the box from rain because, depending of the position of the fire box, water may collect into the box and cause damages.

3. MOUNTING AND DETACHING

Remove the elements (parts A, B, C, D, E, F and G) following the order given in the instruction label on the box, i.e. beginning from A.

The bottom element (part H) may be left in its position because of the tubing lead-ins.

Lift the valve/actuator package securely from the valve to mount it to the pipeline. Actuator can be used as additional lifting point in lifting arrangement, but it is not allowed to lift valve/actuator package from actuator only.

Fasten supply air tubing and electric cables. Also fit protecting conduits (cable glands) for cables when leading them through the threaded holes (7-9 pcs.) in the bottom element.

Test the operation of the valve before sealing all conduits with included Fire Stop Sealant 3000 from both sides of the bottom element to a depth of 10 mm. Plug the unused threaded connections in the bottom element with steel plugs (except the separate vent connection with vent protector).

If there is a separate support beam protruding through the bottom element, the gap between the beam and the box must be sealed from both sides with Fire Stop Sealant 3000.

Fasten all elements of the box with the quickrelease catches and screws. Check all prefabricated sealant beads and repair as required.

Make sure that there are no gaps larger than 2 mm between the 60 mm thick elements.

No battered or other damaged spots deeper than 10 mm are allowed in the elements. All joint surfaces must be straight, without any deflections. Finally, lock all the catches with hairpin sockets.

CAUTION:

Do not step on the fire box.

When detaching the valve follow the reverse order.

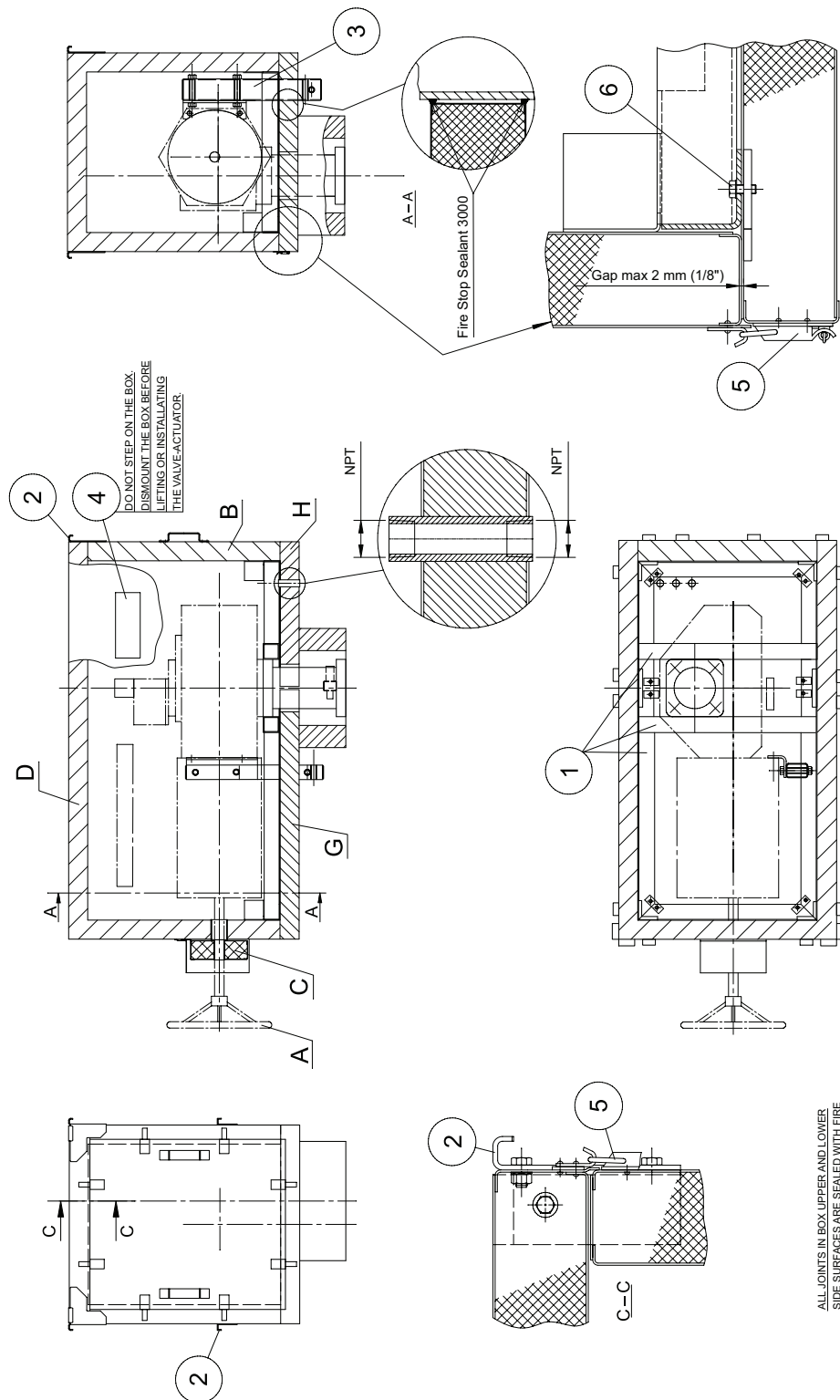
CAUTION:

Close the inspection opening carefully after use!

CAUTION:

Valmet accepts no responsibility for properties of the fire box if the installation is not carried according to these instructions or the condition of the box does not meet the requirements given in this document.

C1173340



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