



WARNING

PLEASE READ THE OPERATING INSTRUCTIONS BEFORE USE!

THIS EQUIPMENT MUST BE INSTALLED ACCORDING TO THE PRESCRIPTIONS IN FORCE!

Installation, connections, adjustment and maintenance of the valve must be carried out exclusively by skilled and authorized service technicians. Non proper installation, adjustment, changes, use and maintenance may cause damages to the personnel or to the equipment. Consequently it is necessary to respect strictly the following instructions and local prescriptions for both the installation of electric devices and of gas systems.

1. INSTALLATION

- 1.1 Make sure that all operating data indicated on the valve plates correspond to those of the system.
- 1.2 When installing the valve be sure that there is sufficient clearance above the gear cover and that it can be easily accessible in order to perform manual servicing, automatic servicing by means of a gear motor or servicing by means of levers.
- 1.3 For the valves of the BSV series proceed as follows:
 - remove the protection plugs from the threaded flanges,
 - screw the threaded flanges to the inlet and outlet pipes, using exclusively sealing materials suitable for gas,For the valves of the BFV series proceed as follows:
 - insert the valve between the two flanges with "O" rings,
 - tighten the flanges to the valve body by means of the respective bolts.
- 1.4 The installation of both BSV and BFV valves can be performed in any position. Anyway, the horizontal position is recommendable.
- 1.5 The valve can be installed in any location except where acid fumes or other deteriorating vapour may attack its metal parts or where gas leaks or explosive vapours are present in the atmosphere.
- 1.6 Do not use the valve as a lever.

2. OPERATING

- 2.1 Before operating the following points must be checked carefully:
 - external tightness of gas pipes.
 - that valve adjustment is performed within the requested angle range.
 - that mechanical locks or other retainers, which may damage the valve, have been removed.
- 2.2 Once these preliminary checks have been performed, the main gas tap can be opened and the operation test can be carried out.

3. MAINTENANCE AND CHECKS

- 3.1 The BSV and BFV valves do not require any particular current maintenance because they do not need lubrication.
- 3.2 It is recommendable to check at least once a year that the mechanical connections have not been modified, especially in case of systems which do not function vibration-free.

4. REPLACEMENT

In case replacement of the valve is necessary, proceed as follows:

- 4.1 Close the main gas tap.
- 4.2 Remove the mechanical connections from the valve axis.
- 4.3 Remove the valve body from the inlet and outlet flanges by loosening the fastening screws from the respective nuts.
- 4.4 Install the new valve proceeding as per instructions reported in the foregoing chapters.

All the reported data are subject to be changed without notice.

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