

Linkage kit for MVB actuator

INSTALLATION

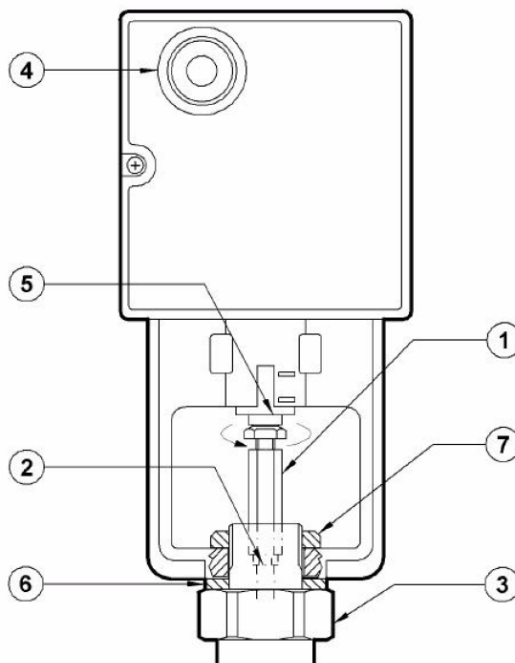
The actuator can be mounted in any position, for applications in which the fluid temperature is not higher than 120°C, otherwise it should be mounted in horizontal position.

It is necessary to leave 10 cm above and beside it, so as to operate on the internal parts, on the terminal board for the electric connections and for assembling-disassembling operations.

ASSEMBLING ON VALVE BODIES VB7000

- Screw the nut **(2)** on the valve stem for approximately half of the thread on the stem itself; then mount the extension **(1)** on the valve stem and secure it with the nut **(2)**;
- mount on the joint **(3)** on the valve neck;
- pull and turn counter-clockwise the manual control knob **(4)** until the joint **(5)** reaches the upper mechanical stop;
- pull and rotate clockwise (max 1/4 turn) the knob **(4)** until it re-enters in the first rest position;
- position the washer **(6)** on the joint **(3)**, mount the actuator on the valve and secure it with the locking nut **(7)**;
- screw the extension end **(1)** in the joint **(5)** until the plug reaches the stroke end stop on the valve seat;
- keeping the extension **(1)** locked force counterclockwise the lower hexagonal part **(5)** (which acts as a lock nut) until it detaches from the joint, thus locking the extension **(1)**.

In case the extension (1) does not reach perfectly the threaded end of joint (5), adjust the position of extension (1) acting on the nut (2) until the extension screws safely onto the joint (5) end.



ACTUATOR STROKE CALIBRATION

- Remove the cover on the knob side;
- in case of MVB52/56, check **SW2** jumper is in **A** position;
- supply the actuator between **L1** and **L2** with **Y** terminal disconnected;
- wait until the actuator is at end stroke;
- connect the positive of the voltmeter to **S2** and the negative to **M** terminal;
- adjust the **P1** trimmer until the voltmeter indicates **0V**.

