

7) ASSEMBLY INSTRUCTIONS FOR DCX3 TANK BOTTOM VALVES WITH LOWERING STEM

Make sure the seal bearing surfaces of the body (1) are clean. Check the position of seal (4) on the body and seal (5) on the operator (6). Position the body on the flange (9) and secure using the tank bottom clamp (8) and nuts (10). In the body, fit the operator piston assembly (3) and position the clamp (7) (make sure the seals are not damaged around the part edges). Supply air to the operator or not to put the valve into the open position. Tighten the clamp. Put the operator into valve closed position and check the piston is centered correctly. Center if necessary by tapping the clamp (7). When using for the first time, check the valve top connection and the valve bottom connection(s) as well as the operator for leaks (leak at operator).

NOTE:

- We recommend the use of a **medium threadlocker** to lock the piston during its reassembly to the automatic actuator.
- During sawing operations, avoid getting chips or filings in the pipes and rinse the pipes thoroughly with the valve open to avoid damaging the seals when the valve is put into service.

8) WORKING CONDITIONS

The actuator is supplied with dry, filtered air at a pressure of 4.5 to 8 bar. The operator air couplings are designed for a 4/6 diameter hose fitting. The valve has a max. working pressure of 6 bar, a max. temperature of 140°C and a permissible vacuum of 0.4 bar.

9) EEC CONFORMITY

A - Our valves comply with European regulations (EEC) within the limits of use described in paragraph B.

The CE mark on the valve indicates conformity to the following regulations :

- CE**
- **2014/30/EU** "Electromagnetic compatibility"
 - **2014/68/EU** "Pressurized equipment"
 - **2014/35/EU** "Low pressure"
 - **2006/42/EC** "Machines"

B - Use limits :

Usage pressure must be lower than 10 bar for all products.

In case of dangerous gas⁽¹⁾ valve diameter (line) must be below 100 mm.

For use outside these limits, please contact our technical service.

⁽¹⁾dangerous gas : group 1 gas, identified by a letter on the label and on the security card of the product :

E (for detonating gas), O (for fuel), F+, F and R10 (inflammable), T+ and T (toxic).

For additional information, please see regulation **1272/2008** "Labeling of dangerous products".

10) SPARE PARTS AND ACCESSORIES

Please refer to the general documentation or consult us.

Please consult us in the event of a malfunction.

Note: All users of DEFINOX valves must periodically check the condition of the installed equipment, in particular of parts playing a "safety" role (checking interval to be set according to the use and the cleaning applied)



INSTALLATION GUIDE

DCX 3 AUTOMATIC TANK BOTTOM CHANGEOVER VALVE

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