



# Instructions for the Installation of ABO butterfly valves Series 2E – 5

## A) Valve installation

- 1) When manufactured, valves with a carbon steel body (marked 55.0) are preserved using the oil preservative RUST-PEL 51. (If stored longer than 6 months, a new preservation treatment is recommended).  
Prior to putting into operation the preservation of the valve body needs to be removed using a warm aqueous solution containing a common detergent or solvent such as E 550 CLEAN etc.
- 2) Prior to the installation please ensure that the valve does not show any signs of damage.
- 3) Check the free rotation of the butterfly inside the valve body.
- 4) Close the valve.
- 5) Insert the gasket – See Fig. A.
- 6) Insert the valve.

**IMPORTANT:**     **The arrow on the body marks the direction of  $\Delta p$ .**  
                          **Counter-flanges have to be parallel and aligned.**  
                          **Do not use loose flanges.**  
                          **For T type bodies with threaded holes: ensure that the screws are**  
                          **not in contact when fully tightened.**

- 7) Centre the valve in alignment with the axis of the piping.
- 8) Put the appropriate bolts through the flanges and tighten by hand.
- 9) Open and close the valve to check its smooth function.
- 10) Close the valve and tighten the bolts alternatively using a wrench.
- 11) Open and close the valve again to check its proper function.

## B) Valve disassembly

- 1) Check carefully to ensure that the piping is not under pressure!!!
- 2) Close the valve.
- 3) Remove the bolts.
- 4) Remove the valve from the piping and counter-flange area.

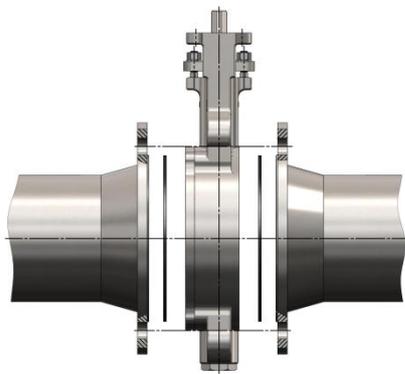


Figure A

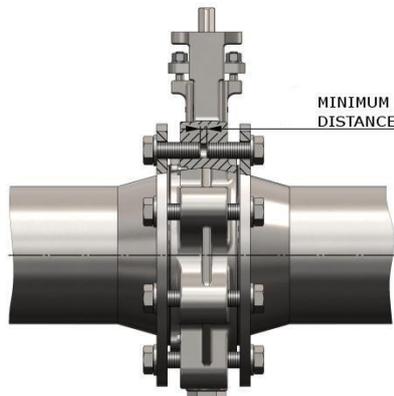


Figure B

## Other information

These instructions as well as other documents and information – also in other languages – are available on [www.abovalve.com](http://www.abovalve.com) or on the address:

ABO valve, s.r.o.  
Dalimilova 54b  
783 35 Olomouc - Chomoutov  
Czech Republic

Tel.: 00420 585 223 955  
Fax: 00420 585 223 984  
[abovalve@abovalve.com](mailto:abovalve@abovalve.com)  
[www.abovalve.com](http://www.abovalve.com)

Last revision: 30 September 2010