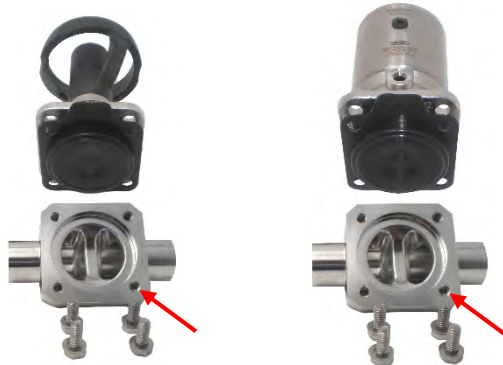


Brief instructions for SISTO-C replacing diaphragms



1.

- Ensure that the pipeline pressure must be released, drained and cleaned completely!
- Take the bonnet to the open position (Vision position indicator must be extended).



2.

- Loosen the hexagon screws.
- Remove the bonnet.



3.

- Take the actuator in close position (Vision position indicator must be retracted).
- Screw out the old diaphragm.



4.

- Place the support spiral back into the bonnet. The last winding of the support spiral (see right arrow) must not end on a compressor ridge.

Note:

Bonnets with spiral-supported starting with MD65!



5.

Manual upper valve section:

- Remove protective cover (see left arrow) from diaphragm screw.
- Screw the new diaphragm in until limit stop.
- Then screw the diaphragm back by a maximum of 180° to align it correctly.
Never screw in further than the stop!

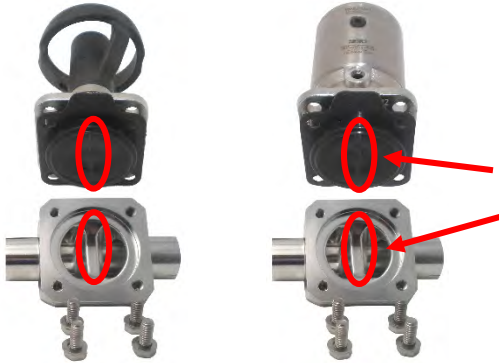
Brief instructions for SISTO-C replacing diaphragms



6.

Pneumatic upper valve section:

- Remove protective cover from diaphragm screw.
- Screw the new diaphragm in until limit stop.
- Then screw the diaphragm back by a maximum of 180° to align it correctly.
Never screw in further than the stop!



7.

- The arrow indicating flow direction must be considered.
- The weir of the diaphragm must be parallel to the weir in the body.

8.

Manual upper valve section:

- Take the actuator to the open position until the diaphragm rests against the bonnet.
→ **Do not open completely!**
- Check the position of the diaphragm.
- Fit the bonnet on the body.

Pneumatic upper valve section:

- Take the actuator to the open position.
- Check the position of the diaphragm.
- Fit the bonnet on the body.

9.

- Tighten the hexagon screws evenly crosswise by hand.

10.

Manual upper valve section:

- The actuator remains **open**.
- Tighten the hexagon screws evenly and crosswise in accordance with the tightening torques table (see Operating Manual 0570.822).

Pneumatic upper section of bonnet:

- Take the actuator to the **close** position.
- Tighten the hexagon screws evenly and crosswise in accordance with the tightening torques table (see Operating Manual 0570.822).

