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!
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. Manual upper valve section:
- 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.

9. 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).

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).