

1. Intended Use / Product Description



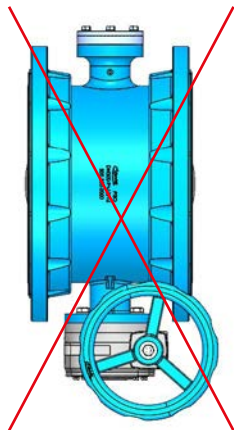
Medium: Potable water

Max. operating temperature: 0°- 40°

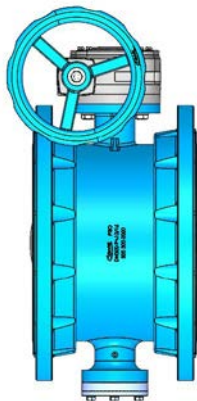
Max. Betriebsdruck: 16 bar

Material: Stainless steel

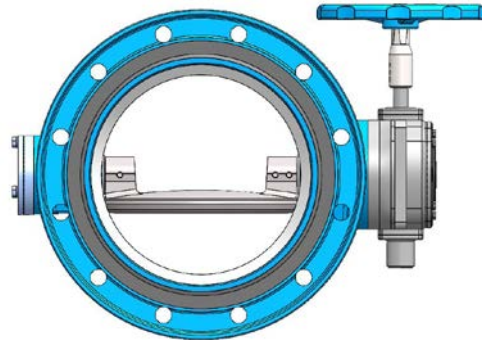
The vertical support bearing is used to retrofit previously installed HAWLE PRO butterfly valves® if the installation position differs from the standard installation conditions (butterfly valve with horizontal stem).



Incorrect



Correct



If the installation conditions are known prior to placing an order, the support bearing is mounted on the Hawle PRO butterfly valve® at the factory. In such cases, retrofitting is not necessary.

A thrust bearing supports the butterfly valve stem and thus the entire sealing system. The bearing is positioned precisely by means of an adjusting ring which is screwed onto the sandwich plate.

During installation and maintenance operations, the applicable standards and guidelines, accident prevention regulations and the regulations of professional associations are to be observed and complied with. Installation and maintenance operations may be performed by qualified personnel only.

2. Assembly

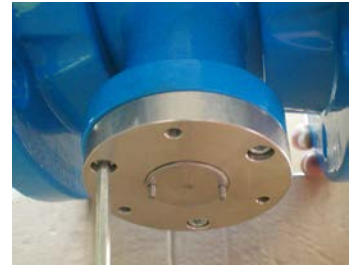
Operate the valve to the closed position.



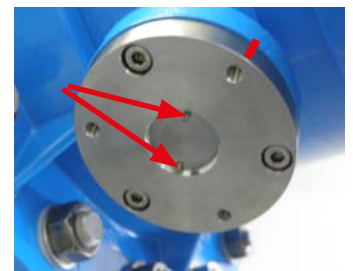
Unscrew the bearing cover (no longer required). The O-ring and the POM washer remain in the groove.



Screw on the sandwich plate with the adjusting ring in place. Adjust the ring so that it sits flush with the outer surface.



Using the pins, turn the adjusting ring clockwise by hand until it stops. Mark one of the three threaded holes as shown (touch-up pencil).



Place the bearing cover on the pins and position it as indicated in the picture. One of the three bore holes in the cover must be approx. 5-10 mm from alignment with the marked threaded hole. Now mark the appropriate cover bore hole on the outside diameter.

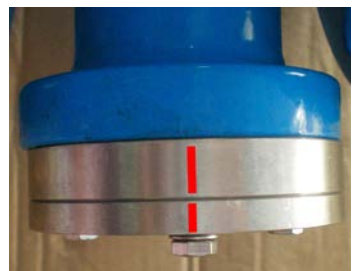


Distance between screw holes

Remove the bearing cover again and turn the adjusting ring clockwise by the previously determined distance between the markings using suitable flat material between the pins (so that the holes in the cover match the threaded holes).



Fit the bearing cover with the O-ring and secure with the three screws.



3. Commissioning and Pressure Test

After being successfully installed, a pressure test must be performed in an open pipe trench in accordance with DVGW regulations.

4. Servicing and maintenance

Hawle PRO butterfly valves® are maintenance-free. Inspection acc. to DVGW sheet W400-3. Visual and functional checks and the resulting maintenance work must be carried out and documented at regular intervals.

In addition to the functional check, Hawle PRO butterfly valves® with electric actuators also need to be visually inspected (butterfly valve, actuator, and electrical installation). The European regulations in terms of CE marking (e.g. EU Machinery Directive, EU EMC Directive, accident prevention regulations,) shall be observed

Should you have questions or need further information, please contact:

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