

DISMANTLING, ASSEMBLY DIAPHRAGM D123

DIAPHRAGM PUMP NO. 003.075-DP

DIAPHRAGM REPLACEMENT

DISMANTLING

1.

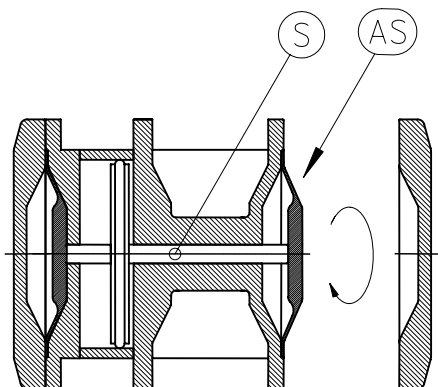


Fig. 1

Always remove the right diaphragm (housing side) first.

If the diaphragm is in the retracted position, it must be brought into the extended position (AS) by pressure on the left diaphragm.

In order to prevent the rod (S) turning with the diaphragm when the latter is loosened, the previously removed left cover must be screwed on tightly again.

2.

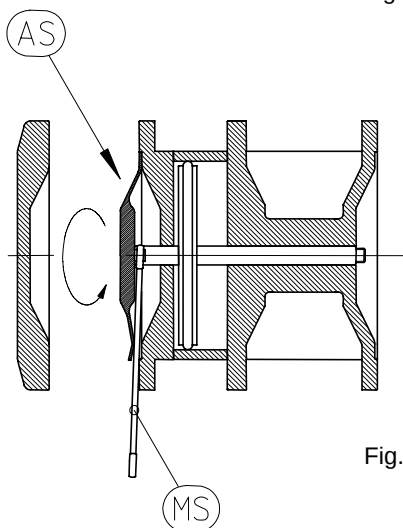


Fig. 2

The left diaphragm can also only be removed in the extended position (AS).

In order to prevent the rod from turning at the same time, the rod should be held directly underneath the diaphragm with an open-ended key (MS) SW 12 directly.



Do not use pliers for holding the rod.

ASSEMBLY

3.

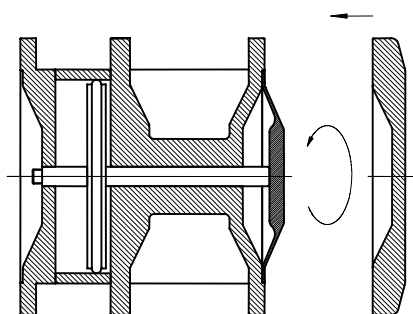


Fig. 3

Screw the right diaphragm (housing side) tightly by hand to the rod.



Do not use pliers for securing and holding.

Install the right housing cover.

- Tighten the cheese head screws one after the other with the specified tightening torque of 12 Nm.

Repeat the process until all the cheese head screws have the same tightening torque.

Subject to change

Page 1 of 2

Prepared by 16.03.01 Hilse

Checked 16.03.01 Brink

– TECHN. INFORMATION –

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B. 0.85.14

4.

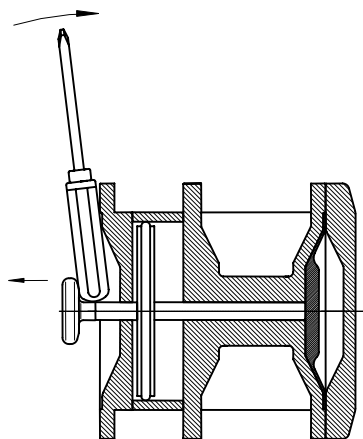


Fig. 4

Screw in the handle - p/n 76395 007001- on the free end of the rod. Then pull the rod evenly into the left end position.

- Repeat the process until the rod no longer moves back.
- A screwdriver can be used as a lever.



Only apply the screwdriver on the handle side.

Do not use any tools with sharp edges.

- Risk of damage to the diaphragm chamber

5.

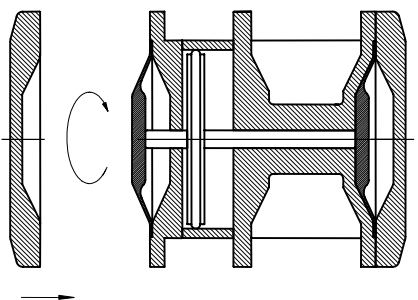


Fig. 5

Screw the left diaphragm (cylinder side) tightly by hand to the rod.

Install the left housing cover (see 3).



Replacement diaphragms should be stored in a dry, cool, dust-free, dark location and no longer than 8 months. - Aging.