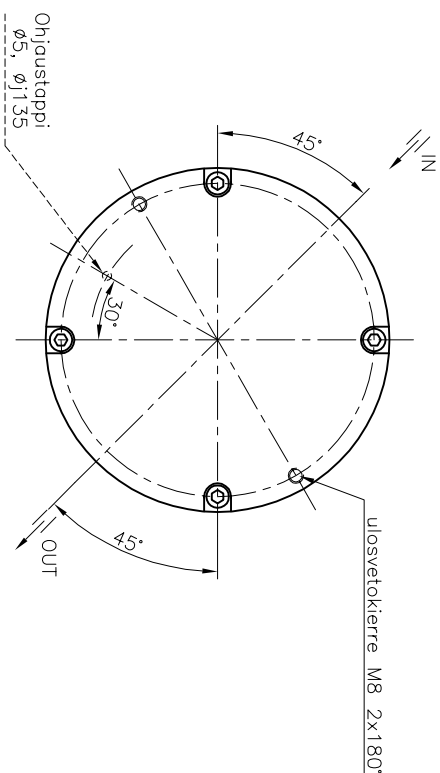


$$\frac{1:2}{|}$$


- H1, HB1, F1, F10
- C2D, C2H, C2L,

[illegible]

INSTALLATION INSTRUCTIONS

DESIGNATION: LP-D-SA-D4S1/70-DE (A2-1142-K-M1)

1. Mechanical seal for pressure screen as complete, ready-to-install, work-tested cartridge unit. The mechanical seal is double-acting, balanced, independent of the direction of rotation and kick-back proof in case of a sudden drop of the buffer pressure.
2. All corners which will come into contact with the mechanical seal during installation must be chamfered 30° x 2 mm and all sharp edges must be rounded off.
 - 2.1 To facilitate assembly, surfaces over which O-rings are slid, may be lubricated with silicon grease.
3. Push complete seal cartridge on to pressure screen shaft. Turn the cartridge so, that inlet and outlet of the bufferfluid is according to enclosed drawing. (A2-1142-K-M1)
 - 3.1 Bolt mechanical seal to the assembly flange.
 - 3.2 Bolt mechanical seal to the shaft.
 - 3.3 Check assembly length 52 mm.
 - 3.4 Remove assembly fixtures.
4. Wash the tube system completely.
For supply piping use pipes of stainless steel with a big cross-section. To ensure self-venting lay the piping continuously rising. Lay it as short and convenient as possible for the flow. Fasten pipe connections.
5. Fill mechanical seal and buffer circuit with fluid and vent it thoroughly before starting operation.
Note ! The pressure screen must not be started until the flushing water flows through the seal. The function of the LP-D-seal is ensured when cleanliness during the assembly and a continuous flushing water flow through the seal is provided. The temperature of outcoming flushing water must be at least 40°C below the boiling point. The filter purity of the flushing water must be 50 µm and its maximum content of solid substances 10 mg/l, the pressure of the flushing water can be 0-10 bar, yet, it should exceed the pressure to be sealed at least 2 bar.
6. When LP-D-seal requires repairing please send the complete seal to TIIVISTE TEKNIKKKA OY.