

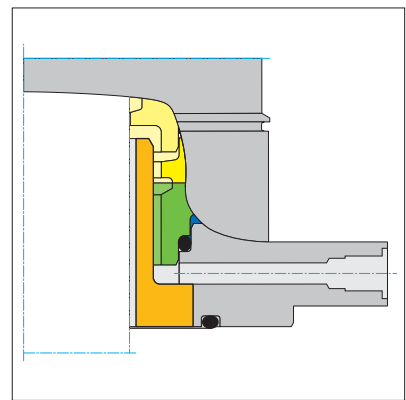
E K A T O E S D A c c e s s o r i e s**Product Information****Technical Data**

- ESD-Collector tray
- ESD-Cooling jacket
- ESD-Short heat trap
- ESD-Flushing attachment

ESD Accessories



Collector tray

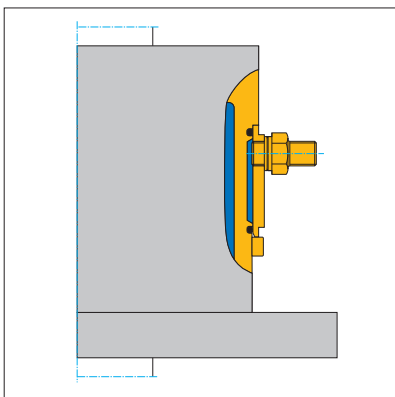


- The collector tray (orange) prevents the interior of the vessel being contaminated with seal liquid or material abraded from the seal.
- Leaking seal liquid can be drained off through a hole drilled in the flange.
- A collecting vessel can be used to monitor the leakage of seal liquid during operation. For applications operating under pressure, a special collecting vessel is available which can be emptied during operation.
- Material: PTFE, special materials on request

Additional measurement

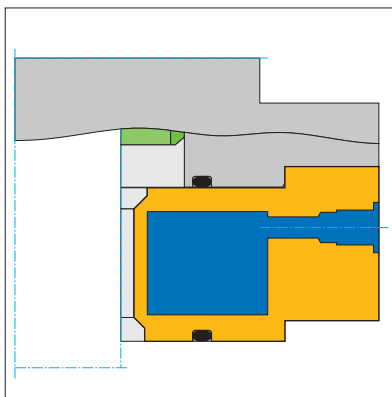
- Temperature indicator
- Flow indicator
- Pressure indicator

Cooling jacket



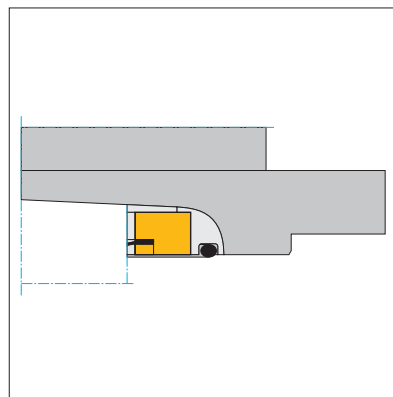
- With high operating temperatures, pressure or sliding velocities, the frictional heat generated can no longer be dissipated solely by means of seal liquid storage vessels operating with natural circulation.
- In order to avoid using circulation pumps, which are expensive and could prove to be unreliable, the seals are provided with a cooling jacket (orange).
- The availability of the seal cooling system is therefore just as high as that of the cooling water supply to the complete plant, which as a rule can be considered extremely high.
- Material: stainless steel

Short heat trap



- At higher operating temperatures between 250° C and 400° C a short heat trap (orange), can also be provided.
- It is installed between the mounting flange and the seal flange.
- Its purpose is to isolate the mechanical seal thermally from the vessel and mounting flanges and thus permit higher vessel temperatures.

Flushing attachment



- In order to prevent the seal rings coming into contact with gases, vapors or liquids that would impair their correct functioning, they are flushed with inert media.
- The inert media are admitted via the flange, a lip seal (orange) restricting their escape into the product space.
- Material: PTFE, special materials

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