

MAFFS SEALS PVT. LTD.

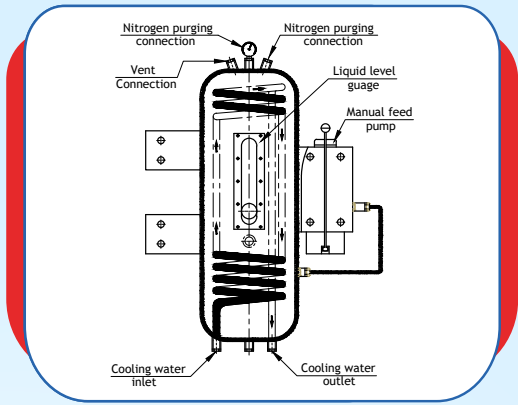
We seal everything including your confidence



MECHANICAL SEAL & SEAL SUPPORT SYSTEM



THERMOSYPHON POT



MSTS



STANDARD TYPE

METAL PARTS

- Thermosyphon shell : Carbon steel, SS 316 L,
- Cooling coil : SS 316 L , SS 304
- Secondary seal : Elastomers

OPERATING LIMITS

- Capacity : 7.5, 10, 12, 20 ltrs
- Design pressure : 40 bar
- Hydraulic test pressure : 60 bar
- Working temperature (max.) : 180 °C
- Heat transfer area of cooling coil : 0.226m²
- Cooling water flow rate recommended : 10 ltrs/min

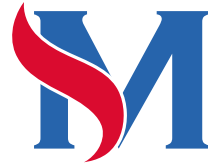
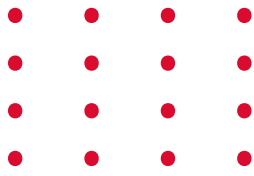
CONNECTION SPECIFICATIONS

- Cooling water inlet1/2" NPT(F)
- Cooling water outlet.....1/2" NPT(F)
- Barrier fluid inlet.....1/2" NPT (F)
- Barrier fluid outlet.....1/2" NPT (F)
- Pressure guage connection...3/8" NPT (F)
- Filling connection.....1/2" NPT (F)
- Nitrogen purging connection..1/2" NPT (F)
- Feed pump connection.....1/4" NPT (F)
- Drain.....1/2" NPT (F)

ACCESSORIES

- Pressure guage : 0-10, 0-25, 0-40 bar
- Level guage : To indicate barrier fluid
- Manual feed pump : 2 ltrs (optional)

This is used for double mechanical seals in tandem or back to back arrangement to provide necessary lubrication and cooling to the seal faces to achieve recommended seal life and comes equipped with cooling coil inside the shell to bring down the temperature of barrier fluid coming from seal to thermosyphon.



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