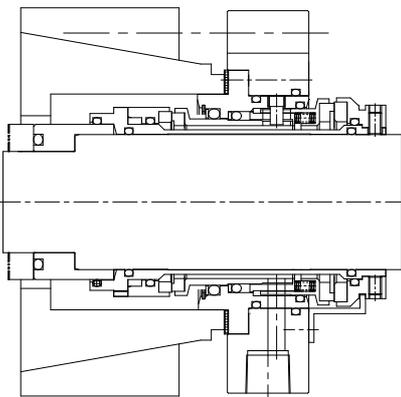


Type 25 is a double cartridge seal specially developed for Medium Consistency pumps. This is a versatile seal. It can be successfully used in pulp and sludge handling in Pulp and Paper industry. This is an excellent seal for hazardous, toxic, abrasive fluids too.



Design Features:

The unique feature of Type 25 are:

1. Cartridge arrangement makes installation fast and easy.
2. Only one set of stationary spring is used. Springs are totally isolated from the product making the seal virtually clog and corrosion free.
3. Axial adjustments of shaft do not affect the seal setting.
4. The double balanced design allows the seal to operate with pressurized or non pressurized quench water.
5. Silicon Carbide seal faces provide long and trouble free life.

Operating Conditions :

Pressure : Up to 25 Kg/cm²
Temp. : Up to 250° C
Velocity : Up to 20 m/s

Installation

1. Clean the pump shaft and seal housing of all foreign matter. Remove any sharp corners or edges from the shoulders over which the seal parts have to slide.
2. Lubricate the pump shaft and the seal 'O' rings with a suitable lubricant. In case of EPDM 'O' ring should never be lubricated with mineral based lubricants.
3. Gently push the Cartridge Seal assembly on the pump shaft by hand or a pressing tool. Do not force fit as it can damage the seal.
4. Assemble the stuffing box with the bearing housing of the pump.
5. Rotate the Gland Plate (Part No. 1A) and position the quench water hole in desired direction.
6. Fasten the Gland Plate to the stuffing making sure that it is not over tightened.
7. Insert the stub sleeve (Part No. 10A) to the shaft
8. Fit the PTFE 'O' ring (Part No. 11A) to Stub Sleeve.
9. Fit the pump impeller.
10. Tighten the set screws evenly (Part No. S).
11. Loosen the Location Tab (Part No. LT) Swing out and secure them for future use.

Operation and Use:

1. Type 25 is a double cartridge seal and requires quenching. Never run the seal without first starting the quench fluid. Regulate the quench flow to 2 to 4 litres/m.
2. The temperature of the quench fluid at the outlet should not exceed 60° C