

# Shandilya Water Filter for Mechanical Seals



**Providing Solution to the Most Common Practical Problems**

## **Water Filter for Mechanical Seals**

The Shandilya mechanical seal -filtering unit is designed to filter poor quality water that services mechanical seals in applications which are very important for the process. The filtration is rated at 50  $\mu\text{m}$  (absolute). This rating is the standard requirement of most mechanical seal manufacturer's. Optional filter cartridges are available providing filter ratings of 75  $\mu\text{m}$  or 25  $\mu\text{m}$ .

## **How It Works?..**

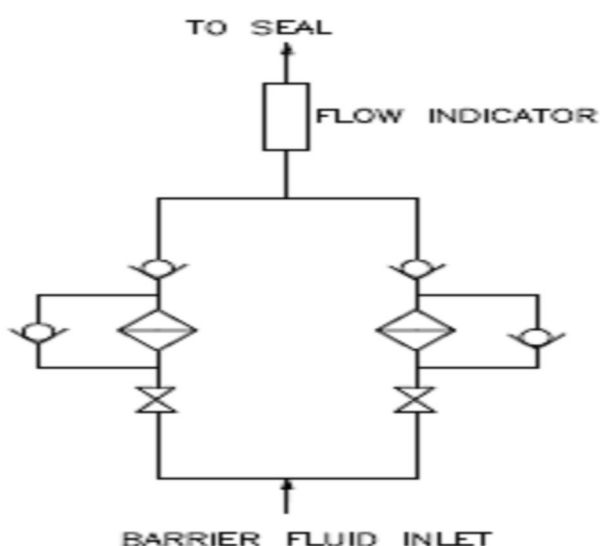
This filtering system contains two filters. This makes it possible to replace the filter cartridges during normal operation, with-out shutting down. Both filters have single cartridges, which ensure longer operation without maintenance. Differential pressure between inlet and outlet filter part is monitored by two pressure gauges. The higher the pressure difference gets, the dirtier are the filters. When the pressure difference gets over 28 PSI (2 bars), it is time to replace the filters.

Both filters have a built-in, automatic by-pass valve. This valve will open when the pressure difference exceeds 35 PSI (2,5 bars). This will prevent the possibility flow reduction to the mechanical seals.



## **Materials of Construction**

All part of mechanical Seal filter is in: SS316 Stainless Steel



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