

API Plan 32 Seal Support System (External Clean Flush Injection)

TYPE : API PLAN 32

Tubing / Pipework :

- SS 316 / SS 304 / Duplex SS / Alloy 20 / Hastelloy

Valves & Strainer :

- SS 316 / Duplex SS / Hastelloy / Alloy Construction

Connections :

- NPT / BSP / Flanged / Compression / Welded

Operating Limits :

Size : 6 mm to 25 mm tubing

Speed : Equipment dependent

Pressure : Up to 38 bars (551 psi)

Temperature : -20 °C to +140 °C (-4 °F to +284 °F)



Illustrative rendering

Application :

- Dirty or Contaminated Process Fluids
- Polymerizing, Oxidizing or Crystallizing Liquids
- Paper & Pulp Stock Pumps
- Slurries Where Dilution Is Permitted
- High-Temperature Seal Chambers
- Chemical, Petrochemical & Refinery Pumps
- Vacuum Services Needing Positive Flush

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Features :

- **Clean External Flush** supplied directly to the mechanical seal chamber.
- **Excludes Contaminants** such as solids, pulp fibres and polymerizing residues.
- **Improved Cooling & Lubrication** in hot or poor-lubricity services.
- **Positive Flush Pressure** reduces air ingress in vacuum services.
- **Stable Seal Operation** where media may flash, vaporize or crystallize.
- **Controlled Flush Regulation** with strainer, flow meter, control valve and gauges.
- **Flush Pressure** maintained at least 2 bars (29 psi) above seal chamber pressure.

➤ **DIMENSIONS AND CONNECTIONS ON REQUEST**