

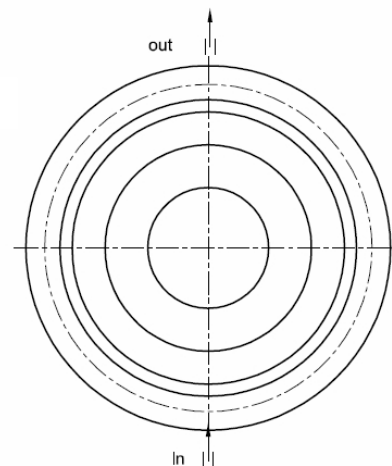
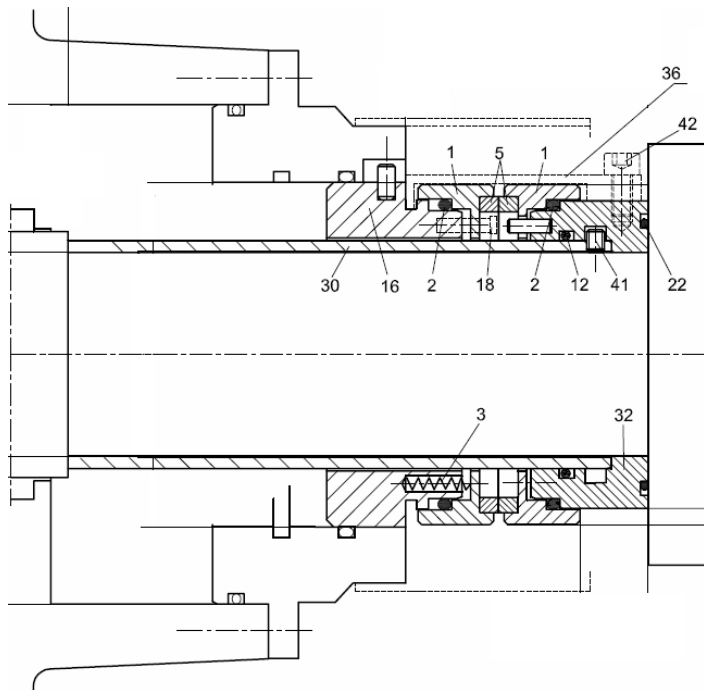
LP-S-SL

Features

- Integrated seal for Sulzer SL agitators
- Single seal
- Cartridge unit
- Balanced
- Independent of direction of rotation
- Static springs
- No dynamic O-ring on shaft
- Rugged design
- Shrink-fitted seal faces
- Seal faces have a large clearance to the shaft
- Wear parts minimized and standardized
- Specially designed for agitators.

Advantages

- Individually integrated to equipment for best sealing result
- Straightforward and easy installation
- Installation faults avoided with cost effective cartridge
- Static springs reduces influence of vibrations and compensate misalignment
- No damage of the shaft by dynamically loaded O-ring
- Extended service life due to rugged design
- No brittle parts in contact with torque transmission pins
- Seal faces protected by strong steel parts and large radial clearance
- The double and single seals have the same wear parts on product side
- 30 years of experience in the Pulp&Paper industry



Recommended applications

- All applications for Sulzer SL/ST side-mounted agitators
- Clean, abrasive or corrosive liquids as well as stocks of various kind
- Pulp & Paper industry
- Chemical industry specially when the process needs a hot or a cold seal to reduce crystallisation
- Water and waste water technology

Operating range

- Temperature: $t = -20\text{ °C} \dots 140\text{ °C}$ (Check O-Ring resistance)
- Sliding face material combination AQ12
- Pressure: $p_1 < 25\text{ bar}$
- Sliding velocity: $v_g = 20\text{ m/s}$
- Sliding face material combination Q12Q12
- Pressure: $p_1 < 25\text{ bar}$
- Sliding velocity: $v_g = 10\text{ m/s}$ (33 ft/s)
- Stock content: up to 5%

Materials

- Metal parts: CrNiMo steel (G),
Grade 5A (4T), SMO 654 (4U)
- Seal face: Silicon Carbide (Q12), Carbon (A)
- Secondary seals: FKM (V), EPDM (E), FFKM (K)