

Single Cartridge Mechanical Seal [Single Spring Style (Balanced & Unbalanced Design)]

TYPE : SC600 / SC605

Face Materials :

- Carbon / Ceramic / Silicon Carbide / Tungsten Carbide

Secondary Seals :

- Nitrile (NBR) Viton (FKM) / EPDM / Aflas / PTFE / TTV / EPR / Neoprene

Hardware :

- SS 304 / SS 316 / Hastelloy-B & C

Operating Limits :

Size : 20 mm to 100 mm (0.750" to 4.000")

Speed : 2900 rpm

Pressure : 12 bars (174 psi)

Temperature : -20 °C to +160 °C (-4 °F +320 °F)

Application :

- Light duty slurry
- Chemical industry
- Pulp & paper industry
- High-viscosity liquids
- Power & steel industry
- Sewage water process
- Water and waste water process
- Crystallization & suspensions with low solids content etc.

Features :

- **Single Seal** for efficient and reliable sealing performance.
- **Cost-Effective Design** that reduces maintenance and operational costs.
- **Single Spring Type** ensuring uniform load distribution and consistent sealing.
- **Available in Balanced** to suit various pressure and application requirements.
- **Available in Metric and Inch Sizes** for compatibility with global industrial standards.
- **Quick Installation & Easy Removal** to minimize downtime and simplify maintenance.
- **Independent of Direction of Rotation**, making it suitable for versatile operating conditions.
- **Factory Assembled & Tested** to ensure high quality, reliability, and performance consistency.
- **Cartridge Construction** for simplified installation, precise alignment, and reduced assembly errors.
- **Available with or without Flushing & Quenching Connections** for enhanced cooling and lubrication, based on application needs.

➤ **DIMENSIONS FOR HIGHER SIZES AVAILABLE ON REQUEST**

