Gipfel Engineering

ISO 9001-2015 CERTIFIED COMPANY

Single Spring Cartridge Mechanical Seal (Balanced & Unbalanced Design)

TYPE : SC600 / SC605

Face Materials :

- Carbon / Ceramic / Silicon Carbide / Tungsten Carbide

Secondary Seals :

- Nitrile (NBR) / FKM (Viton) / EPDM / Aflas / PTFE

Hardware :

- SS 304 / SS 316 / Hastelloy C-276 / Alloy 20

Operating Limits :

Size : 12.0 mm to 100.0 mm / 0.500" to 4.000"
Speed : 2900 rpm
Pressure : SC600 (Balanced) : 12 bars (174 psi) | SC605 (Unbalanced) : 6 bars (87 psi)
Temperature : -20 °C to +120 °C (-4 °F to +248 °F)

Application :

- Centrifugal Pumps
- Chemical Process Pumps
- Water Treatment Pumps
- Utility Pumps
- General Industrial Pumps
- Mixers & Other Rotary Equipment
- Chemical Industry
- Water & Waste Water Technology
- Pharmaceutical Industry
- Food & Beverage Industry
- Power Plant Technology
- General Process Industries

Meet: Gala No. 7, KMC Compound, Behind Hotel Metro Palace, Behram Baug Road, Jogeshwari (West), Mumbai - 400 102. Maharashtra, India.
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Single Spring Cartridge Mechanical Seal (Balanced & Unbalanced Type)

Features :

- **Single Spring Design** for uniform seal face loading and stable sealing performance.
- **Balanced & Unbalanced Versions** for optimal selection by pressure, temperature, and fluid characteristics.
- **Cartridge Construction** integrating seal faces, spring, gland plate, and sleeve into one compact assembly.
- **Quick Installation & Easy Removal** eliminating common setting errors during mounting.
- **Independent of Direction of Rotation** (bi-directional) for adaptable operation across pump types.
- **Available in Metric and Inch Sizes** from 12.0 mm to 100.0 mm / 0.500" to 4.000".
- **Factory Assembled & Tested** to ensure high quality, reliability, and consistent performance.
- **Suitable for Clean & Moderately Contaminated Fluids** in light to moderate duty services.
- **Easy Maintenance & Replacement,** with improved seal life through controlled face loading.

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

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