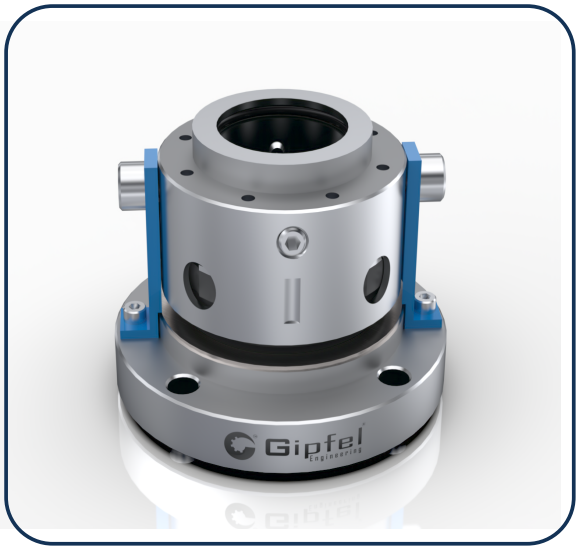
Gipfel Engineering

ISO 9001-2015 CERTIFIED COMPANY

Single Cartridge Mechanical Seal
[Multi Spring Type (Reverse-balanced Design)]

TYPE : SC620



Face Materials :

- Carbon / Silicon Carbide / Tungsten Carbide

Secondary Seals :

- Viton (FKM) / EPDM / Aflas / EPR / Neoprene / FFKM (Kalrez) / PTFE / TTV

Hardware :

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

Operating Limits :

Size : 20.0 mm to 300.0 mm / 0.750" to 12.0"
Speed : 3600 rpm
Pressure : 40 bars (580 psi)
Temperature : -40 °C to +220 °C (-40 °F to +428 °F)

Application :

- Solvent Plant
- Chilling Plant
- Steel Industry
- Process Pumps
- Mining Industry
- Process Industry
- Industrial Blower
- Oil & Gas Industry
- Chemical Industry
- Refining Technology
- Pulp & Paper Industry
- Petrochemical Industry
- Pharmaceutical Industry
- Power Plant Technology
- Food & Beverage Industry
- Water & Waste Water Technology
- Biochemistry, & Other Rotary Equipment Etc.

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Single Cartridge Mechanical Seal (Reverse Balance Type)

Features :

- **Single Seal** for efficient.and reliable sealing performance.
- **Quick Installation & Easy Removal** to minimize downtime and simplify maintenance.
- **Multiple & Wave Spring Type** for uniform load distribution and improved sealing efficiency.
- **Factory Assembled & Tested** to ensure high quality, reliability, and consistent performance.
- **Independent of Direction of Rotation,** making it adaptable to various operational conditions.
- **Available in Metric and Inch Sizes** to suit various industrial standards and global compatibility.
- **Internal Arrangement** for enhanced lubrication, pressure handling, and contamination protection.
- **Cartridge Construction** for simplified installation, precise alignment, and reduced installation errors.
- **Cost-Effective due to Refurbishment Possibilities,** extending service life and reducing long-term expenses.
- **Available with or without connections for Flushing & Quenching,** providing flexibility based on application needs
- **Hydraulically Reverse Balanced Design Options** for optimized sealing performance across different pressure conditions.

➢ DIMENSIONS FOR HIGHER SIZES AVAILABLE ON REQUEST

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