Gipfel Engineering

ISO 9001-2015 CERTIFIED COMPANY

Double Cartridge Mechanical Seal (Face-to-Back Arrangement)

TYPE : DC670



Face Materials :

- Carbon / Ceramic / Silicon Carbide / Tungsten Carbide

Secondary Seals :

- FKM (Viton) / 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 12.000"
Speed : 2900 rpm
Pressure : 40 bars (580 psi)
Temperature : -40 °C to +220 °C (-40 °F to +428 °F)

Application :

- Food industry
- Oil & gas industry
- Fertilizers industry
- Chemicals industry
- Refining technology
- Pulp & paper industry
- Petrochemical industry
- Power plant technology
- Pharmaceutical industry
- Process Pump & API pump etc.
- Sugar factory & distillery plant

Meet: Gala No. 7, KMC Compound, Behind Hotel Metro Palace, Behram Baug Road, Jogeshwari (West), Mumbai - 400 102. Maharashtra, India.
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Features :

- **Double Seal:** Ensures enhanced sealing reliability and leakage prevention.
- **Cartridge Construction:** Preassembled design for easy installation and removal.
- **Available in Metric and Inch Sizes:** Compatible with different pump specifications.
- **Quick Installation & Easy Removal:** Reduces downtime and simplifies maintenance.
- **Flushing & Quenching Connections:** Enhances cooling, lubrication, and seal longevity.
- **Multiple & Wave Spring Type:** Suitable for various applications and operating conditions.
- **Factory Assembled & Tested:** Guarantees quality, reliability, and performance consistency.
- **Independent of Shaft Rotation Direction:** Offers versatile application across different pump types.
- **Rotating Multiple Spring Design:** Ensures uniform pressure distribution for improved sealing efficiency.
- **Face-to-Back Arrangement:** Ensures effective sealing by combining advantages of both back-to-back and face-to-face configurations.

➢ DIMENSIONS FOR HIGHER SIZES AVAILABLE ON REQUEST

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