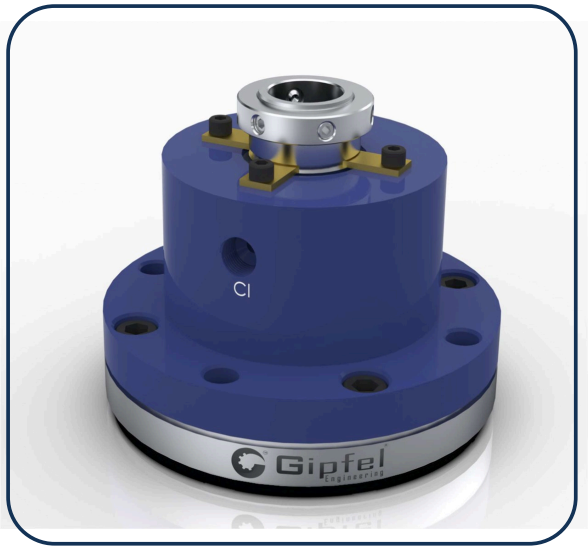
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# Top & Side Entry Mechanical Seal (Single Seal without Bearing Assembly)

## TYPE : ES915 - ES920




**Face Materials :**

- Carbon / Ceramic / Silicon Carbide / Tungsten Carbide

**Elastomers :**

- NBR / FKM / EPDM / Aflas / PTFE / TTV / FFKM

**Hardware :**

- SS 304 / SS 316 / SS 316L / Duplex / Hastelloy C / Alloy 20

**Operating Limits :**

**Size :** 20.0 mm to 300.0 mm / 0.750" to 12.000"
**Speed :** Up to 150 rpm
**Pressure :** Vacuum to 10 bars (145 psi) Unbalanced, 16 bars (232 psi) Balanced
**Temperature :** -40 °C to +200 °C (-40 °F to +392 °F)

**Application :**

- General Process Industry
- Plastics & Chemicals
- Paints & Coatings
- Pharmaceuticals & Bulk Drugs
- Petrochemical & Refinery Units
- Pulp & Paper Plants
- Polymerization & Resin Processing
- Electronic Encapsulation & Epoxy Systems
- Food & Beverage Processing
- Water & Wastewater Treatment
- Agitators, Reactors & Mixers
- Vessels & Top / Side-Entry Equipment

Meet: Gala No. 7, KMC Compound, Behind Hotel Metro Palace, Behram Baug Road, Jogeshwari (West), Mumbai - 400 102. Maharashtra, India.
Talk: +91 - 22 6695 6111 / 6222 | Chat: +91 - 9967 80 40 92 / +91 - 8879 147 211
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# Top & Side Entry Mechanical Seal (Single Seal without Bearing Assembly)

## Features :

- **Bi-Directional Operation** functions independently of the direction of shaft rotation.
- **Multiple Spring Design** for uniform face loading and consistent sealing performance.
- **Cartridge Construction,** factory assembled and tested to minimize installation errors.
- **Balanced and Unbalanced Options** to suit varying pressure ranges and media characteristics.
- **No Bearing Assembly Required,** simplifying the design and reducing maintenance.
- **Externally Mounted Design** for easy installation, inspection and maintenance.
- **Top and Side Entry Installation;** not suitable for bottom-entry equipment.
- **Liquid-Lubricated with Optional Cooling** to maintain stable seal face conditions.

## ➢ DIMENSIONS FOR HIGHER SIZES AVAILABLE ON REQUEST

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