Gipfel Engineering

ISO 9001-2015 CERTIFIED COMPANY

# SINGLE CARTRIDGE MECHANICAL SEAL (Equivalent to Grundfos Standard)

## TYPE : SC610G



**Face Materials :**

- Carbon /Silicon Carbide / Tungsten Carbide

**Secondary Seals :**

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

**Hardware :**

- SS 304 / SS 316

**Operating Limits :**

**Size :** 12.0 mm / 16.0 mm / 22.0 mm / 32.0 mm
**Speed :** 2900 rpm
**Pressure :** 15 bars (218 psi)
**Temperature :** -20 °C to +220 °C (-4 °F to +428 °F)

**Application :**

- Seawater systems
- Process water systems
- Washing and cleaning systems
- Ultra filtration systems & reverse Osmosis systems etc.

**Features :**

- **Single Seal** for efficient and reliable sealing performance.
- **Cartridge Type** design for simplified installation and precise alignment.
- **Hydraulically Balanced** to reduce face wear and enhance seal longevity.
- **Rotating Single Spring** for uniform load distribution and effective sealing.
- **Quick Installation & Easy Removal** to minimize downtime and simplify maintenance.
- **Independent of Direction of Rotation**, making it suitable for various operating conditions.
- **Internal Mounted** configuration for improved lubrication, pressure handling, and contamination protection.

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

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