

# 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 +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**

