

Carbon Floating Ring Seal (Cartridge Type)

TYPE : CF-1410

Floating Seal Rings :

- Carbon Graphite / PTFE Compound / Antimony-Impregnated Carbon / Resin-Impregnated Carbon

Cartridge Parts & Springs :

- SS 316 / SS 316L / SS 304 / 1.4021 / 1.4571 / Hastelloy / Inconel / Titanium

Secondary Seals / Gaskets :

- FKM / PTFE / Graphite / FFKM / NBR

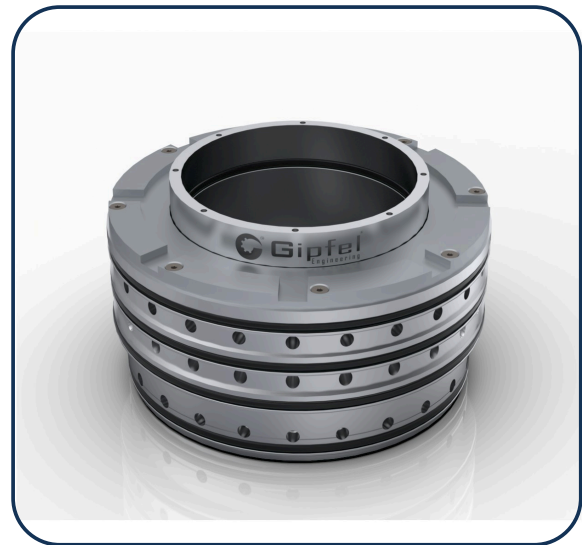
Operating Limits :

Size : 45 mm to 300 mm (1.772" to 11.811")

Speed : Up to 150 m/s (492 ft/s)

Pressure : Vacuum to 20 bars (290 psi); higher on request

Temperature : Up to +500 °C (+932 °F)



Application :

- Steam Turbines & Vapour Recovery Equipment
- Process-Gas Compressors
- Metal Production & Furnace Circulation
- Bearing Seals for Gearboxes & Motors
- Food, Pulp & Paper, Mining & Water Treatment
- Mixers, Agitators, Dryers & Mills
- High-Speed Fans & Blowers

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Features :

- **Floating Carbon Rings** accommodate radial shaft movement and thermal growth.
- **Very Small Clearance** for controlled leakage in gas and vapour duties.
- **Cartridge Construction** for controlled assembly and easier installation.
- **Dry-Running, Low-Friction** operation with no element clamped to the shaft.
- **High Sliding Velocity** service where contact seals are unsuitable.
- **Segmented or Multi-Part Rings** for replacement without shaft redesign.
- **Optional Buffer Gas, Vent** or grease-barrier ports.

➤ **CUSTOM SIZES AVAILABLE ON REQUEST**