THOMSON MECHANICAL SEALS

TGC

Thomson Dual Gas Face-to-Face Lubricated Seal



FEATURES

- Zero fugitive emissions.
- Non-contacting, no wear and long life.
- Suitable for non-lubricating and/or environmentally hazardous media.

APPLICATIONS

- Chemical.
- · Petrochemical.
- Refinery.
- Process gases.
- Toxic, hazardous, volatile, explosive or self-igniting media.
- Hydrogen sulfide, ethylene, hydrogen chloride.
- Pumps, compressors.

OPERATING RANGE

All operating range information is dependent on media, materials of construction, and support systems used. Please contact ARTG mechanical seal services department for more information.

 Pressure, Max:
 290 psig (20 bar)

 Temperature, Max:
 750°F (400°C)

Speed, Max: TBA

STANDARD MATERIALS

Wetted Parts*: 316SS

Seal Faces: Antimony Impregnated Carbon

Graphite, Silicon Carbide, Tungsten Carbide, Resin Impregnated

Carbon Graphite

Elastomers: EPDM, Kalrez, Viton

Springs: Hastelloy C

Limitation of liability: actual performance may vary and is determined by factors unique to a given application. It is recommended that care be taken in the selection and application of materials for hazardous services and controlled testing be undertaken to determine suitability for a specific application. A.R. Thomson Group does not make or imply any warranty of suitability for a particular purpose and is not liable for any damages arising from the use of the information in this sheet. v1.1 **WWW.ARTHOMSON.COM**