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- Servicing Plants in Over 100 Countries
- Global Manufacturing Operations
- Over 500 Service Centers and Sales Offices Worldwide
- Over 1200 Trained Local Service Specialists and Technicians

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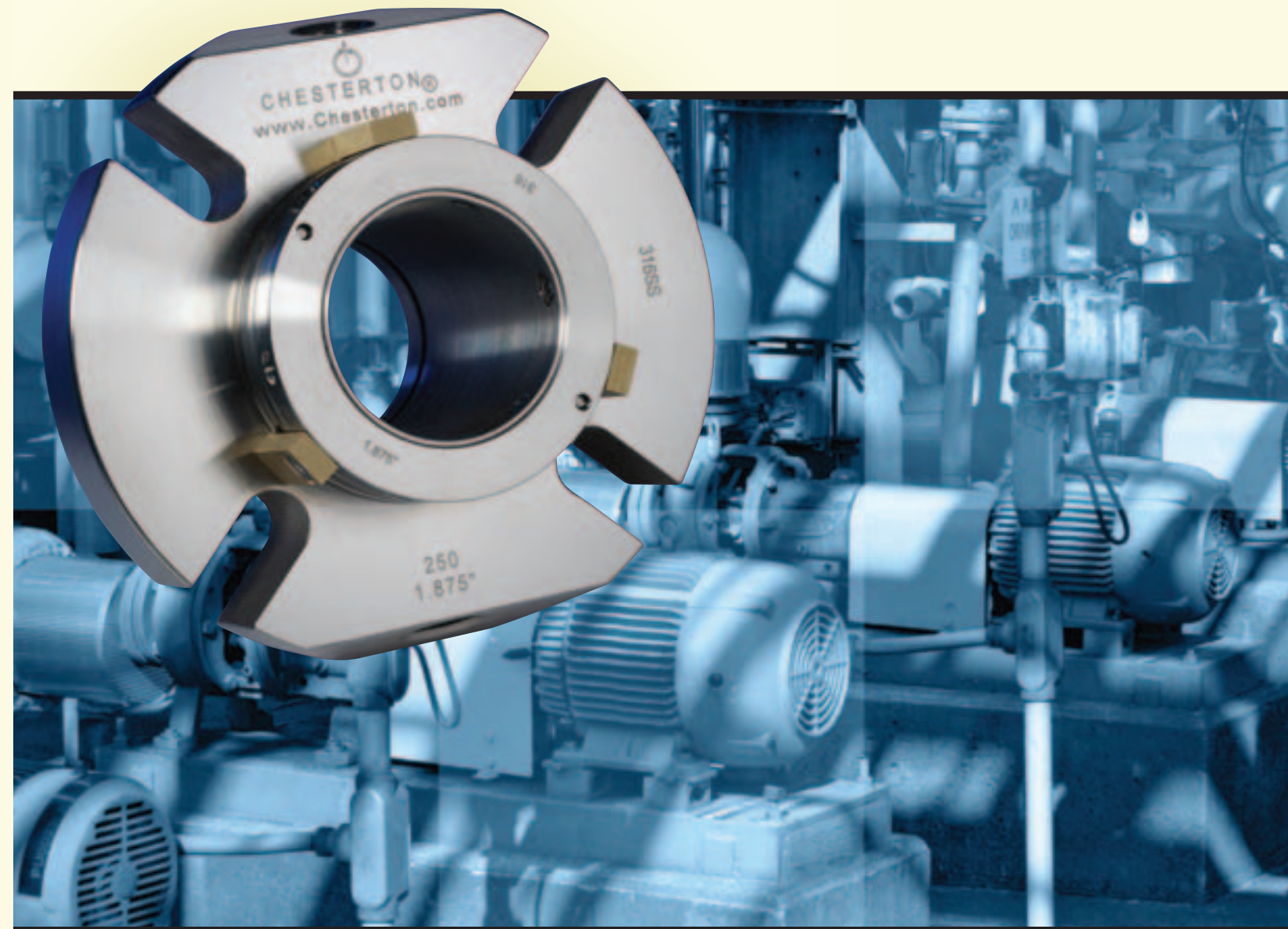
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250

DUAL CARTRIDGE SEAL

FOR GENERAL INDUSTRIAL APPLICATIONS



GENERAL INDUSTRIAL SEALING

250

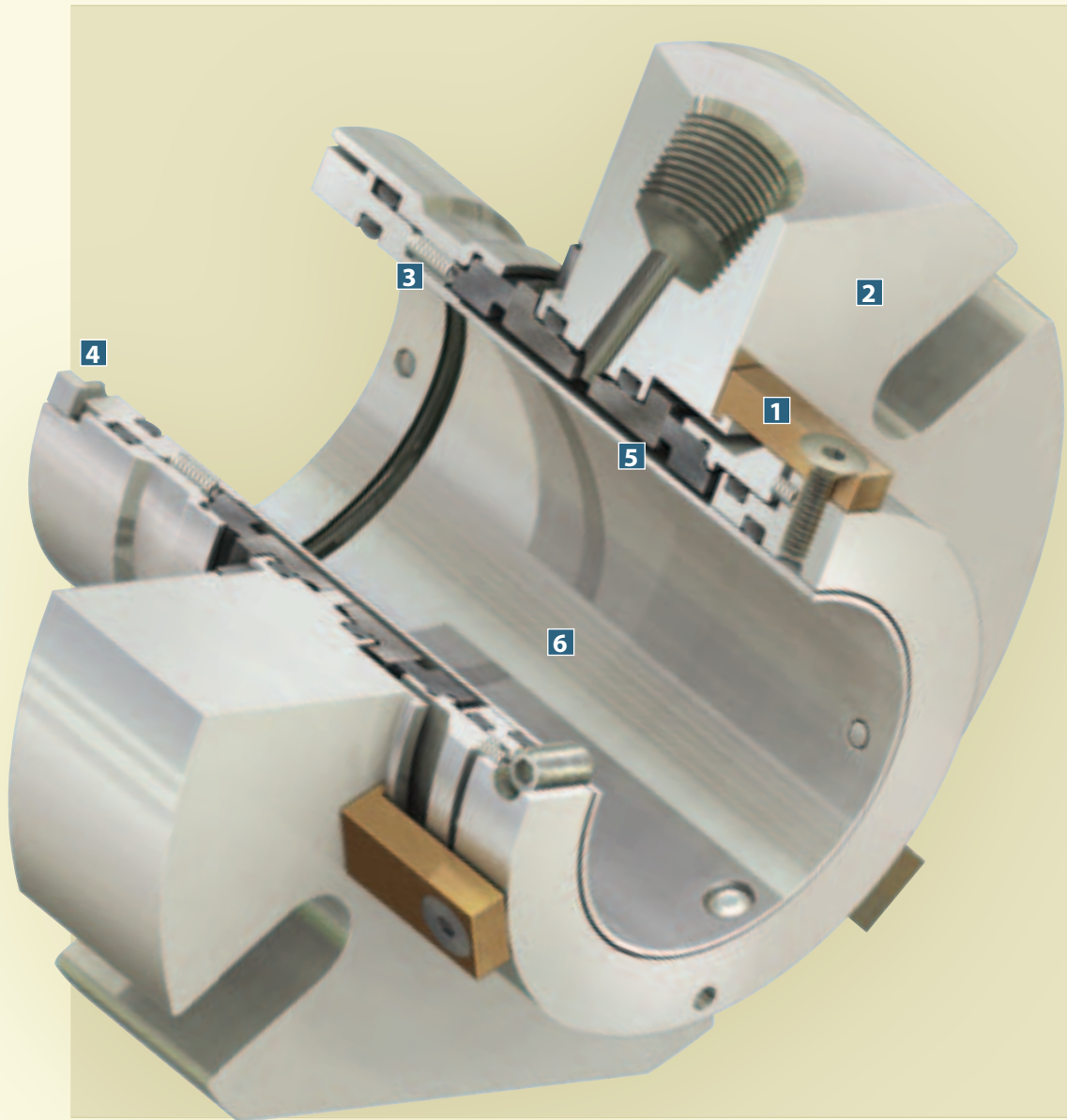
SIMPLE, RELIABLE, AND AFFORDABLE

Chesterton's 250 dual cartridge seal is a value leader in its class. With proven Chesterton quality, it is the ideal choice for increasing seal performance when your current sealing method is not meeting expectations.

The 250 dual seal provides sealing security that conventional single seals cannot match. A durable secondary seal provides the opportunity for scheduled maintenance, thereby avoiding unplanned downtime and production losses.

Advantages of upgrading to the 250 preassembled dual cartridge design:

- Provides clean barrier fluid for seal face lubrication
- Improves cooling for higher temperature applications
- Increases seal life with a proven, double balanced design
- Eliminates leakage associated with single seal failures



1 Installs Easily and Accurately

Multi-directional centering clips automatically position the seal and set consistent spring pressure.

2 Enhances Circulation

The gland design produces increased barrier fluid flow, providing better cooling capability. This is beneficial in installations using barrier fluid tanks.

3 Avoids Clogging

Multi-coiled springs provide even, consistent face load, and are placed out of the sealing fluid to avoid clogging.

4 Enhanced Torque Capabilities

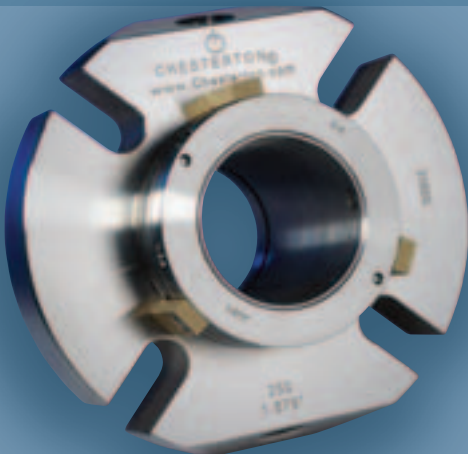
Heavy-duty drive lugs reduce wear damage and handle higher starting torque.

5 Optimized Seal Face Geometrics

Through finite element analysis, the composite seal face design is optimized to improve lubrication and extend seal life.

6 Durable, Balanced Design

Double balance provides improved sealing performance when pressure fluctuations occur.



The 250 dual cartridge seal is the economical solution to meet the needs of today's industry.

- Constructed of high quality materials
- Fits popular ANSI/ISO and vertical pumps
- Fast and easy installation
- Field and factory reparability
- Worldwide, off-the-shelf availability

Standard Offerings

| | |
|-----------------------|---|
| Size Range | 1" (25mm) – 4.75" (120mm) |
| Hardware | 316 Stainless Steel |
| Seal Face Combination | CB/SSC/SSC/CB SSC/SSC/SSC/CB |
| O-Rings | EP, FKM, and Aflas™ as standard Chemlast™ available upon request |

Operating Parameters

| | |
|------------------|--|
| Operating Speed | Up to 3600 RPM |
| Pressure Rating* | Vacuum to 300 Psig (20 bar g) process pressure 150 Psig (10 bar g) maximum barrier pressure |
| Temperature | -20°F to 400°F (-30°C to 200°C) |

*Seal pressure capabilities are dependent on the fluid sealed, temperature, speed, and seal face combinations.