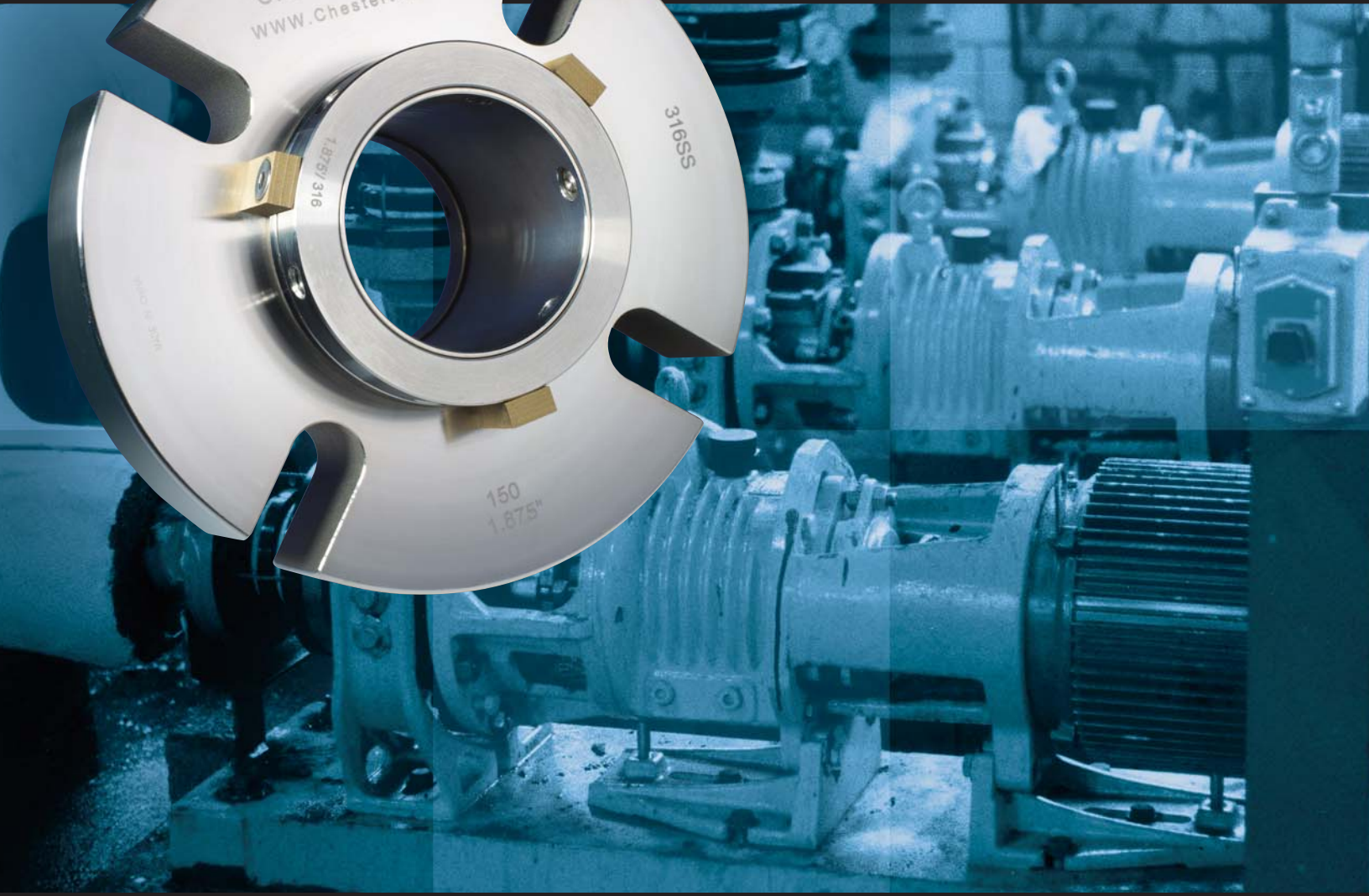


# 150

## SINGLE CARTRIDGE SEAL

FOR GENERAL INDUSTRIAL APPLICATIONS



# GENERAL INDUSTRIAL SEALING

# 150

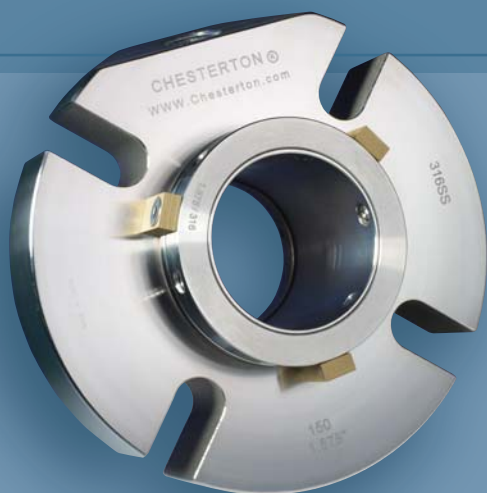
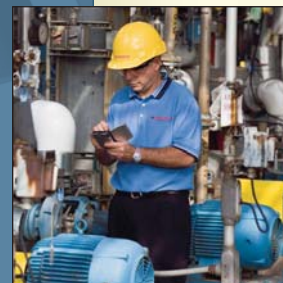
## SIMPLE, RELIABLE, AND AFFORDABLE

*With proven Chesterton quality, the 150 is a value leader in its class. It is the ideal choice to reduce high maintenance costs and prevent wasteful leakage, shaft fretting damage, and inefficient downtime.*

Designed for baseline applications and for upgrading packed or component sealed equipment, the 150 seal makes general industrial sealing simple, reliable, and affordable.

Advantages of upgrading to the 150 preassembled cartridge design:

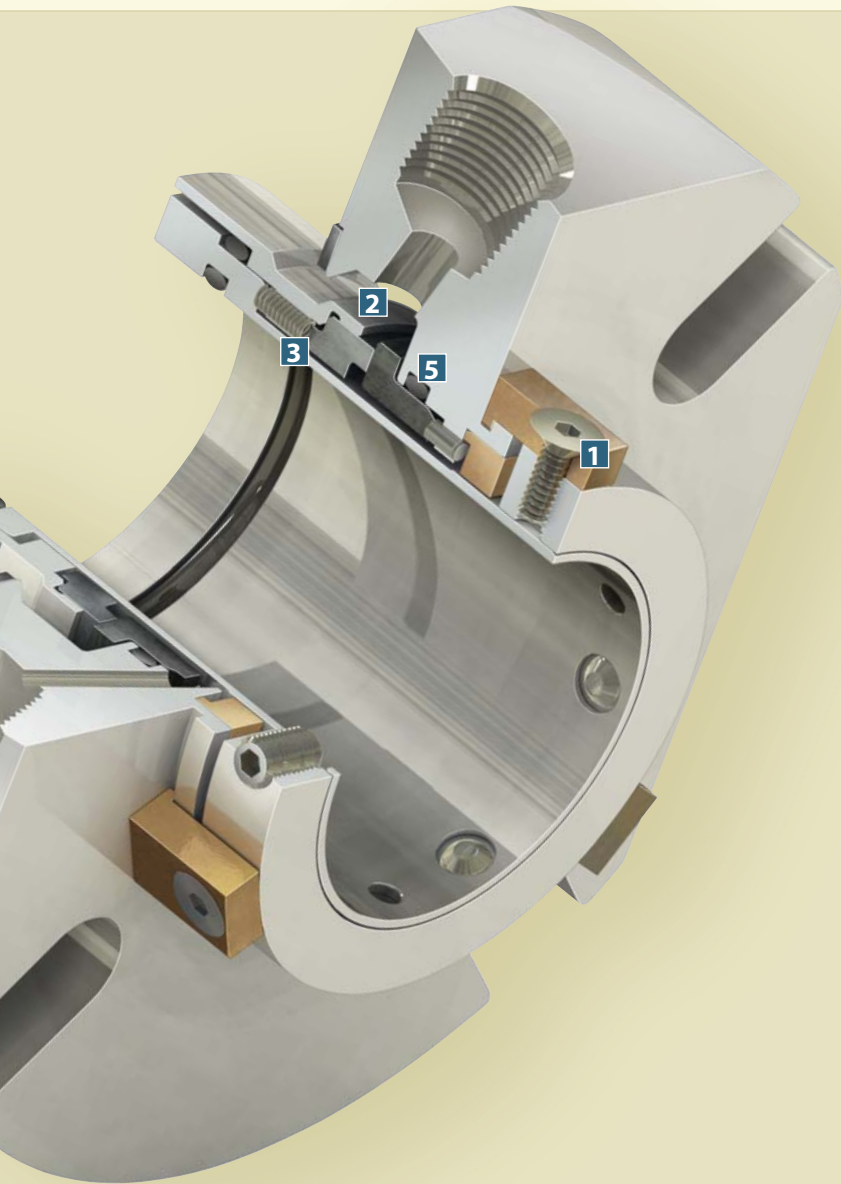
- Prevents shaft fretting and O-ring damage
- Eliminates measuring, minimizing installation error
- Increases seal life with a proven, balanced design
- Saves shaft sleeves from packing wear
- Eliminates leakage associated with packed pumps



**The 150 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
- Optional quench and drain capabilities
- Worldwide, off-the-shelf availability





**1 Installs Easily and Accurately**

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

**2 Improved Cooling**

The gland annulus provides significantly more process fluid at the seal interface for effective cooling. This is particularly beneficial where tight pump clearances exist.

**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 Quench and Drain Option**

Quench and Drain option allows the 150 to be applied to a wider range of applications.

**Standard Offerings**

Size Range	25 mm (1") – 120 mm (4.75")
Hardware	316 Stainless Steel/EN 1.4401
Two Standard Gland Offerings	Flush Only Flush, Quench, and Drain
Seal Face Combination	CB/SSC SSC/SSC
O-Rings	EP, FKM, and FEPM as standard Chemlast™ available upon request

**Operating Parameters**

Operating Speed	Up to 3600 RPM
Pressure Rating*	Vacuum to 20 bar g (300 psig)
Temperature	-30°C to 200°C (-20°F to 400°F)

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



## GLOBAL SOLUTIONS, LOCAL SERVICE

Since 1884, Chesterton has been providing value driven solutions to meet industry's needs. Chesterton solutions have been implemented around the world with documented success and recognition. Increasing equipment reliability, optimizing energy consumption, and providing local technical support and service are what Chesterton offers industry worldwide.

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- Global Manufacturing Operations
- Over 500 Service Centers and Sales Offices Worldwide
- Over 1200 Trained Local Service Specialists and Technicians

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