

150

SINGLE CARTRIDGE SEAL

FOR GENERAL INDUSTRIAL APPLICATIONS



GENERAL INDUSTRIAL SEALING

150

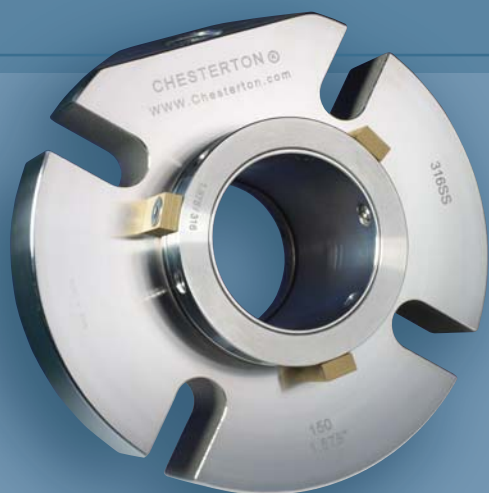
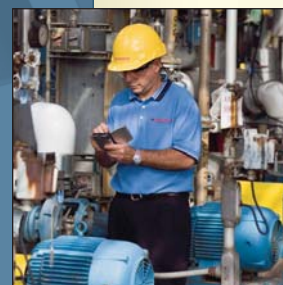
SIMPLE, RELIABLE, AND AFFORDABLE

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.

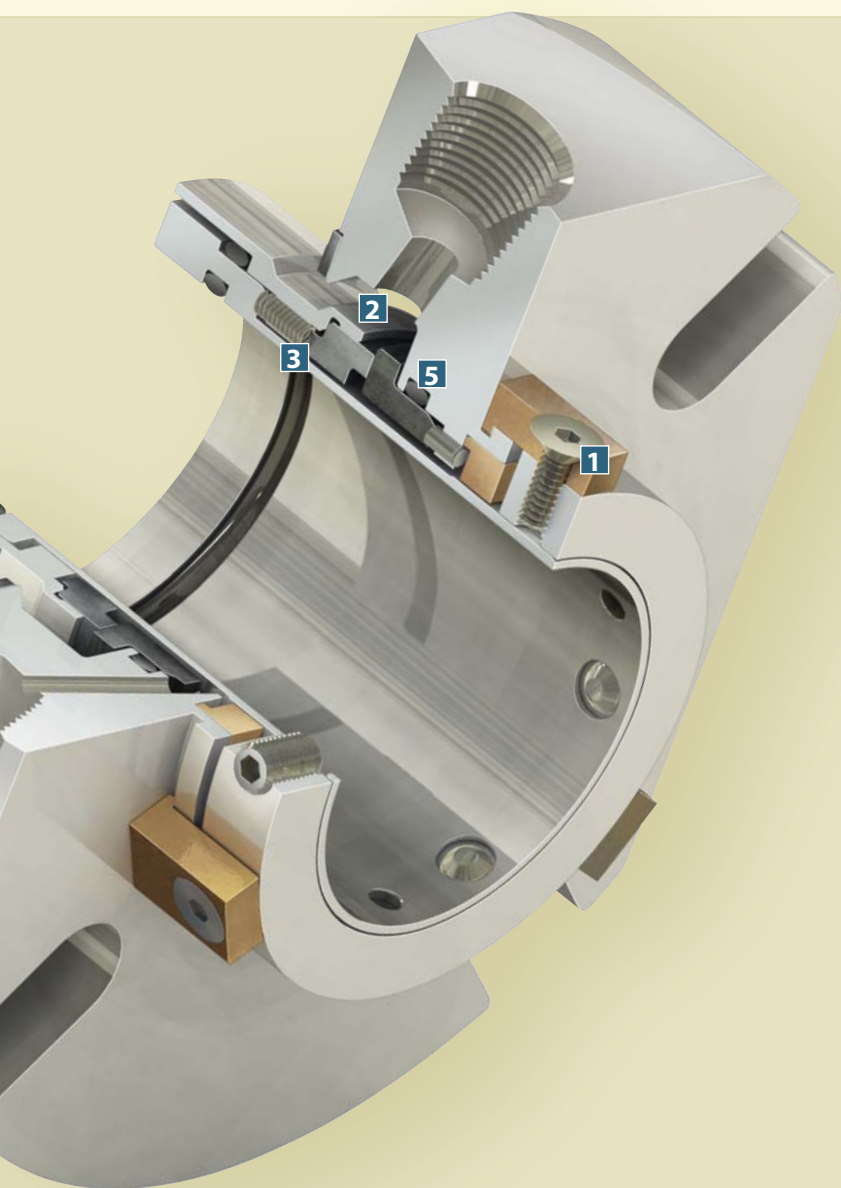
Advantages of upgrading to the 150 preassembled cartridge design:

- 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.



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- Global Manufacturing Operations
- Over 500 Service Centers and Sales Offices Worldwide
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