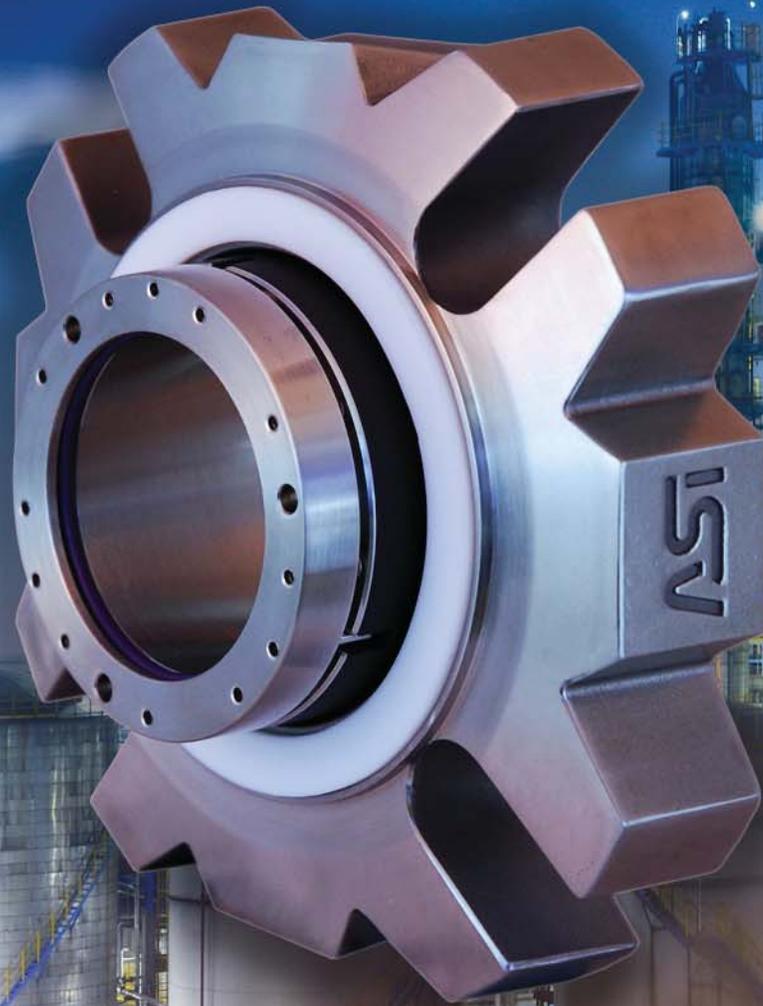


Rugged, Reliable
Service For
Special Applications

MODEL
525

Advanced Sealing International



www.asi-seals.com

ASI Model 525

Initially developed to successfully tackle the many sealing difficulties associated with boiler feed and hot water applications, the **Model 525** has become a veritable workhorse in the **ASI** product arsenal. The rugged monolithic seal faces are incorporated into a cartridge mounted, rotary-type design to provide superior recovery properties and compensate for temperature and pressure fluctuations. Equipped with self-cleaning spring holes and a self-aligning stationary face, the simplicity and strength of the design make it ideally suited for the often underestimated challenges presented by boiler feed/hot water applications, intermittent services or any applications plagued by variations in operating parameters.

Compact Cartridge Mounted Design

The self-contained unit provides simplified installation as mechanics are not required to make critical installation measurements. Also, impeller clearance adjustments can be made without any interruptions in service; the cartridge mounted design makes disassembly of the pump to make such adjustments unnecessary.

Flush Inlet

Directs liquid to seal faces and eliminates entrapped air in vertical applications.

Self-Cleaning Spring Hole Design

Specially designed spring holes allow pumping action to clean springs as the seal rotates.

Monolithic Seal Faces

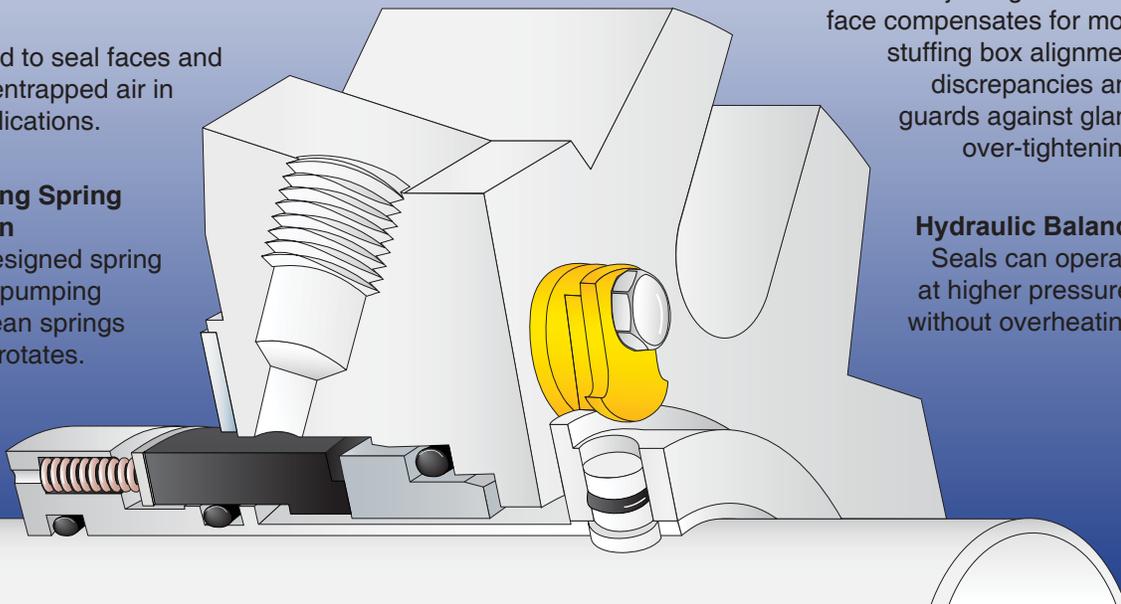
One piece construction allows seal faces to compensate for temperature fluctuations without the intermittent leakage caused by face distortion.

Self-Aligning Stationary Face

The seal's self-adjusting stationary face compensates for most stuffing box alignment discrepancies and guards against gland over-tightening.

Hydraulic Balance

Seals can operate at higher pressures without overheating.



MATERIALS OF CONSTRUCTION:

METAL PARTS

Gland, Washer, Lock Collar- 316ss
Standard Springs- Hastelloy® C
Standard Set Screws- 316ss

FACE MATERIALS

Stationary Face- Silicon Carbide
Rotary Face- High Quality Carbon Graphite

SECONDARY SEALS

Standard O-ring Materials- Aflas®

ADDITIONAL FEATURES:

HANDY-CAM™ ASSEMBLY DEVICE

Protects against installation damage with the ease of one-step disengagement. Aligns and protects the seal both axially and radially.

ISOLATED MULTIPLE SPRINGS

Multiple heavy gauge Hastelloy® springs deliver uniform mechanical face loading preventing uneven face wear.

SAFE-T-STUD (Patent # 5,275,421)

ASI's unique drive mechanism aids in precision alignment and transmits torque without causing set screw damage typical to most seals.

Hastelloy is a trademark of Hayes Int'l, Inc., Aflas is a trademark of Asashi Glass Co., Ltd.