





METAL BELLOWS SEAL RELIABILITY

• BELLOWS DESIGN

provides even pressure to hold seal faces together. Flexibility automatically compensates for axial movement or runout.

• SELF-CLEANING ACTION

due to centrifugal force throwing suspended solids away form the bellows.

• NO SPRINGS

to clog or corrode.

• STATIC O-RINGS

eliminate fretting and shaft wear.

OFF-THE-SHELF **CARTRIDGE DESIGN**

PRESET

virtually eliminating installation errors. Installs in minutes.

• FITS POPULAR **ANSI PUMPS**

and others without modifications to the stuffing box. The UltraSeal 2000 is designed to handle temperatues up to 450°F and prssures up to 300 PSI.

MATERIALS OF CONSTRUCTION **OUTBOARD SEAL FACES** INBOARD SEAL FACES **METAL PARTS ELASTOMERS** 316 Stainless **EPDM** Carbon or Tungsten Carbon Rotary AFLAS** Carbide Rotary Steel Fluoro-or Silicon Carbide Silicon Carbide Perfluoro-Hastellov-C* Elastomers Stationary Stationary Bellows ** Asahi Glass Co., LTD. Reg TM. * Havnes International, Inc. T.M.

ULTRASeal 2000

DOUBLE/TANDEM METAL BELLOWS SEAL

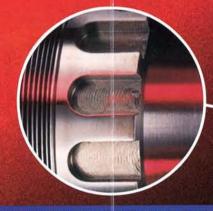
Designed and built to exceed EPA Regulations and eliminate fugitive emissions

IMPROVED CIRCULATION

due to tangential fluid outlet.

INBOARD SEAL FACES REMAIN CLOSED

even when barrier fluid pressure is lost.

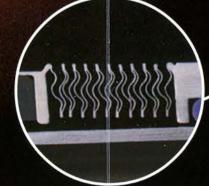


OUTBOARD SEAL RUNS COOLER

due to unique bellows design.

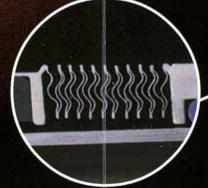
PUMPING SLOTS PROVIDE FORCED FLOW FOR MAXIMUM COOLING

eliminating reliance on thermal syphon and allowing the use of most clean barrier fluids.



GREATER DIFFERENTIAL BARRIER FLUID PRESSURES

are possible due to special balance on the inboard seal. This allows U2000 to operate as a double or tandem seal and run cooler at higher pressure.



GLAND ADAPTER KEEPS PRODUCT FROM THE GLAND

which allows the gland to be made of less expensive materials. The gland is not exposed to the more severe conditions.

ENHANCED BELLOWS STRENGTH

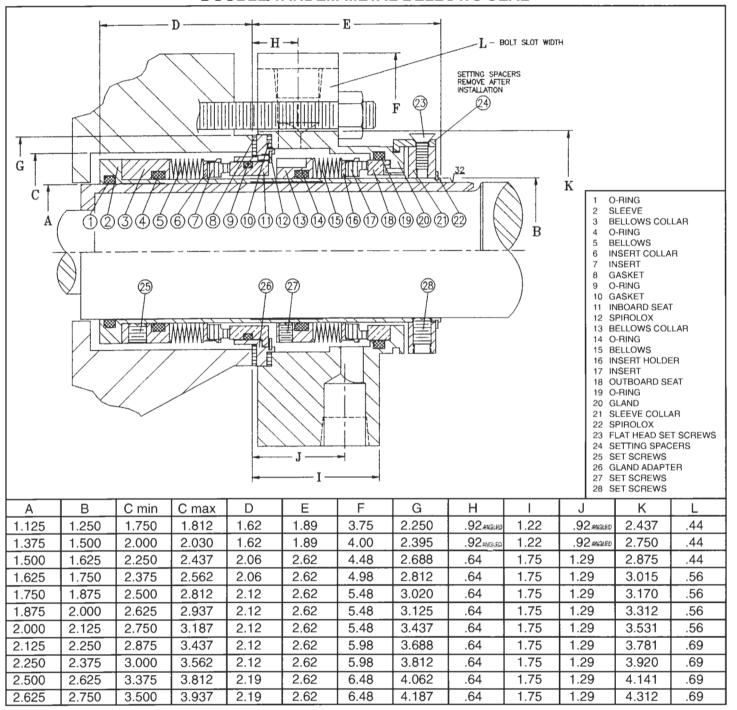
due to double ripple nested design.

SLOTTED GLAND FITS POPULAR ANSI PUMPS

and other pumps without modification to the stuffing box. (See back page for detailed listings.)

BULTRASeal 2000

DOUBLE/TANDEM METAL BELLOWS SEAL



WARRANTY

PPC seals and parts are guaranteed to be free from defects in material and workmanship and are guaranteed to render satisfactory service when used for the purpose for which they are designed.

