

GENERAL SEAL

ADVANCED CARTRIDGE Mechanical Sealing Systems



**FOR PUMPS, COMPRESSORS & MIXING VESSELS
HANDLING REGULAR, DANGEROUS OR COSTLY FLUIDS**

**ISO
9001:2000
CERTIFIED COMPANY**

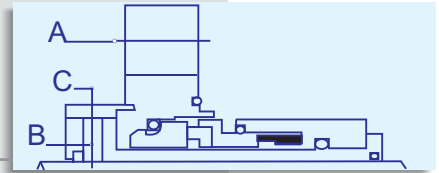
 **GENERAL SEAL
COMPANY PVT LTD**

*Excellence In Engineered Sealing Systems
...Since 1980*

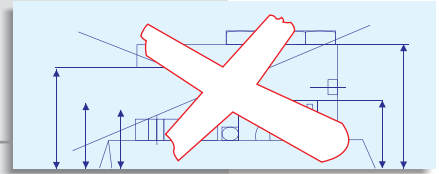
ADVANCED CARTRIDGE Mechanical Sealing Systems

Cartridges mounting for rapid installation.

Tighten bolts **A** on to Pump casing -
Tighten Grubscrew **B** on to shaft-
Remove locking shims **C**



NO measurements, NO setting,
NO fuss in handling.



707/808 seal design outperforms conventional seal designs :-
hydraulically pressure-balanced without shaft-step or sleeve;
no fretting of shaft or sleeve;
independent of direction of shaft rotation; etc.



Low, low prices due to high degree of standardisation.



Near-universal applicability : interchangeable with nearly all conventional seals and gland packings without equipment modification.



APPLICATION DATA

- MATERIAL:**
- AISI-316 BODY PARTS
 - STELLITE/TC/HIGH ENERGY PLASMA-FACE
 - SPRAYED CERAMIC HARD
 - 60 Rc CARBON RING
 - VITON ELASTOMERS
 - ST. STEEL SPRINGS
- SIZE:**
- 25 MM AND OVER

OPERATING

* FOR MORE RIGOROUS APPLICATIONS REFER TO GENERAL SEAL.



Gland

Tailor made for your individual application so you don't have to make expensive modifications in switching to this seal. Can be made to incorporate Flushing connections, Quench connections, Safety throttle bushing and other features as required.

Stationary Seal Ring

Can be spring-loaded for self aligning function to further prolong seal-life in conditions of high shaft misalignment.

Fully Enclosed Springs

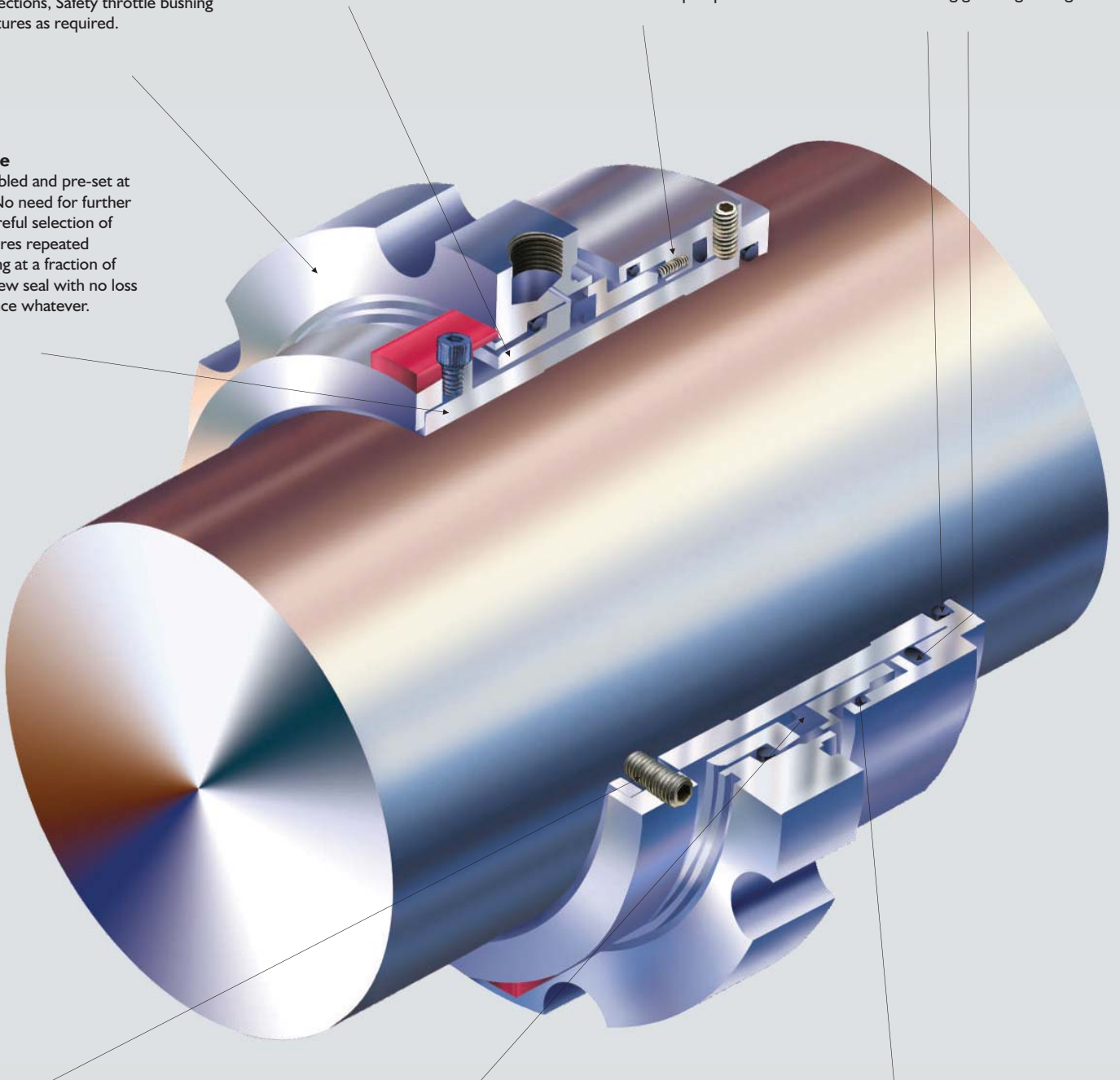
Provide even axial pressure around the seal circumference without torsional deformations and are protected from clogging & corrosive effects of fluid pumped.

Static O - Rings

Have no relative motion with respect to shaft and sleeve, and so just cannot cause fretting/grooving damage.

Seal Sleeve

Is pre-assembled and pre-set at our works. No need for further handling. Careful selection of material assures repeated reconditioning at a fraction of the cost of new seal with no loss in performance whatever.



Positive Attachment Screws

Assure maximum holding power and do not need any countersinking on shaft. No markings on shaft, no measurements for fixing the seal. Simply slide on, tighten sleeve retainer screws and remove the centering shims.

Hydraulically Balanced Carbon Face

Needs no shaft stepping or sleeve for such balance. A balanced seal means less seal-generated frictional heat and less seal face wear.

Self - Cleaning

Dynamic O - ring always comes in contact with clean surface as carbon wears in service, Eliminates seal sticking/hang - up.



All General Seal products are manufactured from the finest raw material obtained from the best sources world-wide. Each component is manufactured on some of the highest technology machinery and equipment in the world. All components and complete seal units undergo rigorous quality inspection procedures as laid under ISO-9001:2000



To meet the diverse requirements of our customers, GENERAL SEAL also manufacture a complete range of custom-made seals, designated ERS, ERS-C, ERS-P, ERS-W, ERS-F, ERS-N, etc., and APS & RC seals.



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