

Mechanical Seal Applications

For HOMA A Series Non-Clog Pumps

Burgmann - MG1

Mechanical seal for plain shafts,
spring rotating

- Single seal
- Unbalanced
- Independent of direction of rotation
- Elastomer Bellows

Mechanical seals of the MG series are amongst the most commonly used. The bellows is not subjected to any torsional stress and its ingenious design incorporates several functions: as seal face carrier, secondary sealing element and drive collar. The seal face is driven through the spring and "L"-rings. There are no bonded joints and all the face materials are interchangeable without having to modify any dimensions. Highly recommended for duties with media containing solids e.g. in waste water and sewage applications.



Part	Material
Rotating Seal Face	Silicon Carbide
Stationary Seal Face	Silicon Carbide
Bellows	Buna N or Viton
Spring	Stainless Steel



HOMA pumps use a tandem seal arrangement operating in an over sized oil chamber. This system utilizes independent spring systems and positively driven rotating assemblies to prolong seal life.

P.T.I. reserves the right to change Product, Material or Design as required without notification.