

DRY-RUNNING MULTI-SPRING COMPONENT SEAL FOR TOP ENTRY MIXERS & AGITATORS

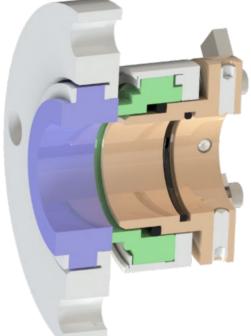
The 23M outside mounted component seal is a rugged, customizable choice designed to meet the unique challenges of equipment misalignment and dry-running applications which require self-lubricating faces and self-alignment.

Overview

- Hydraulically balanced design.
- Cartridge-like installation with setting clips.
 Assembled and preset at the factory for straightforward installation.
- Easy to install repair kits.

Design options include:

- Debris well / sanitary gland.
- Silicon carbide sleeve when non-metallic materials required.



MATERIALS OF CONSTRUCTION

Faces: Proprietary dry-running carbon vs. Tungsten Carbide or Ceramic
Springs: Alloy C-276
Elastomers: FKM standard
Metallurgy: 316 SS standard

FDA-compliant and other materials available upon request

OPERATING PARAMETERS

Speed: up to 600 rpm **Temperature:** limit set by elastomer choice *FFKM up to 550 °F (287.7 °C)*

Pressure:

Full vacuum (28 inHg) up to 200 psig (13.7 bar)

Maximum allowable misalignment:

0.150 max. radial TIR

0.062 max axial TIR

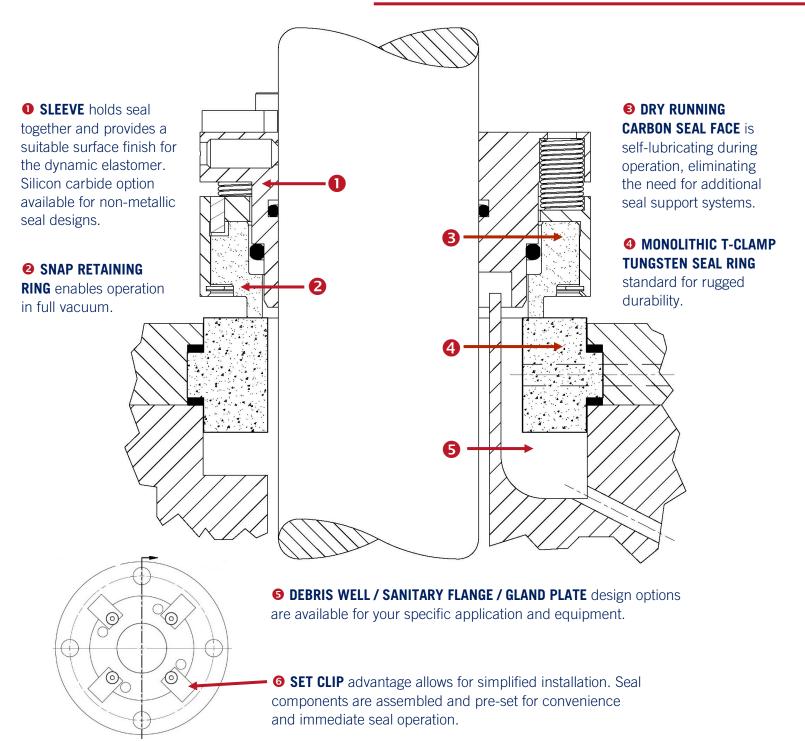
0.032 max seal chamber squareness TIR

Maximum temperature/speed/pressure indicates operating extremes independently and does not imply the seal will function at these extremes at the same time.

23M I DATA SHEET



23M FEATURES AND BENEFITS



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