

Seal Solutions Inc

Official Distributor of:



Contact Us Today!

office: 219.246.1302

3103 Cascade Drive

Valparaiso, IN 46383

sealsolutionsinc.com

N M 2 M E C H A N I C A L S E A L



The SEPCO® **NM2** is a single, cartridge-mounted seal designed for external installation. All of the metal components are isolated from the process fluid making the **NM2** ideal for use in corrosive applications where a flush is required.

Cartridge Mounted: This unit is pre-assembled and preset at the factory easing installation and maintenance.

Non-Metallic Gland: One-piece design equipped with a 1/4" NPT connection allows the use of either an external or product flush without expensive metal alloys.

Sleeveless: The **NM2** is not mounted on a seal sleeve. This eliminates a leak path and reduces cost.

Non-Fretting: The o-ring that seals against the sleeve is static and does not slide axially as the seal adjusts. This eliminates wear and the need to replace expensive sleeve assemblies.

Resists Face Hang up: The design of the stationary o-ring groove lets the o-ring move on a clean surface as the faces wear eliminating hang up and loss of the parallel sealing gap.

Split Ring: Provides positive rotation without damaging special composite sleeve materials.

Stationary Design: Seal faces operate 90° to the center line of the shaft preventing misalignment, allowing for better control of the parallel sealing gap, and reducing wear in secondary areas of the seal.

Hydraulically Balanced: Internal balancing reduces power consumption and closing loads that results in cooler operation and extended reliability.

Isolated Multiple Springs: Provide even mechanical loads for cooler operation and resist clogging from process fluids that contain suspended solids.

Versatile Design: Allows seal mounting without modifications to the equipment and eliminates the need for special adaptors.

DESIGN SPECIFICATIONS:

Hardware: Wetted parts: Polyphenylene Sulfide
Springs: Hastelloy C

Faces: High quality chemical grade carbon-graphite and silicon carbide

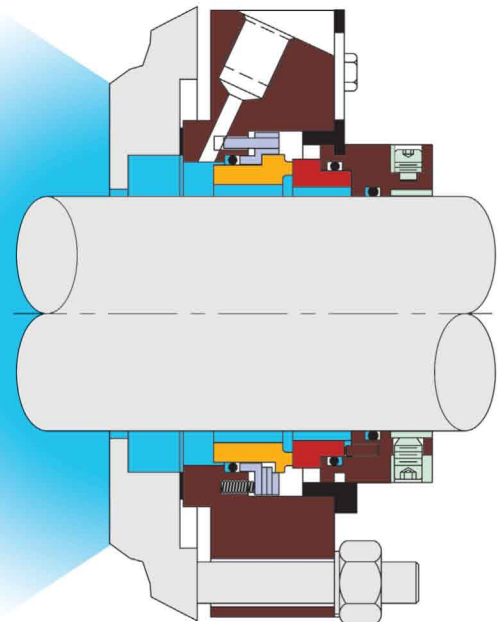
O-Rings: Standard o-rings: EPR or Viton
Optional o-rings: Aflas

OPERATING CAPABILITIES:

Pressures: To 150 psi (10 bar g)

Temperatures: 32 to 250° F (0 to 121° C)

Speeds: To 7500 fpm (38 m/s)



This information is based on data that we believe to be reliable. Since conditions of product use are outside of our control, we make no warranties, expressed or implied and assume no liability in connection with any use of this information.

Certified to ISO 9001: 2000 Standards.

Quality Fluid Sealing Solutions for Industry.