

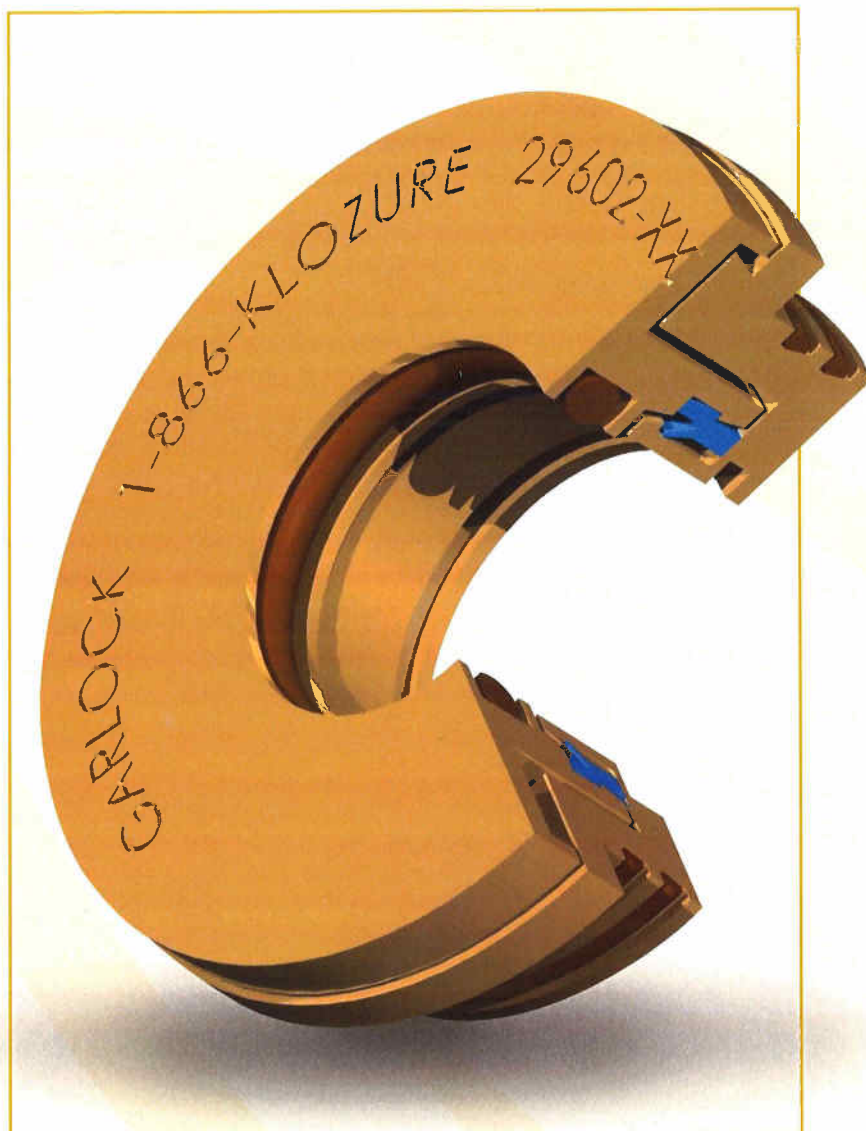
KLOZURE® OIL SEALS &amp; BEARING ISOLATORS

**GUARDIAN™ Metallic Bearing Isolator****The Metallic Isolator that can be installed on site...**

- ▶ Noncontacting seal
- ▶ No wear on shaft or bronze components
- ▶ No internal metal to metal contact
- ▶ One piece unitized design
- ▶ Easy installation – No arbor press required
- ▶ Meets NEMA MG 1-2003
- ▶ Surpasses IEEE 841-2001 Test Standards
- ▶ Available in flangeless design

**Design Parameters**

- ▶ Temperature: -30°F (-34°C) to 400°F (204°C)
- ▶ Maximum shaft-to-bore misalignment to  $\pm 0.020$ " (0.51mm)
- ▶ Axial motion is  $\pm 0.025$ " (0.64mm)
- ▶ Maximum surface speed 12,000 fpm (61 m/s)
- ▶ No internal o-rings



Patents Pending

**Emerson Bearing**

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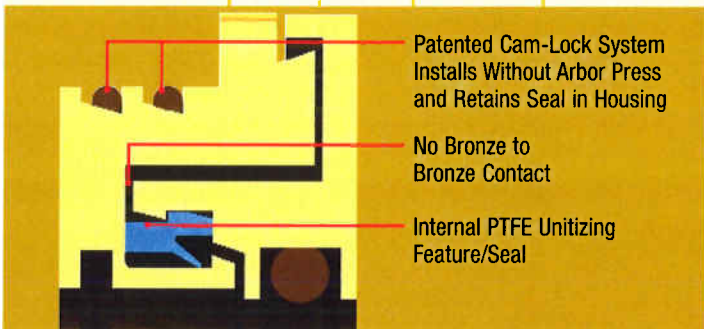


KLOZURE® OIL SEALS & BEARING ISOLATORS

# GUARDIAN™ Metallic Bearing Isolator

## Bearing Isolator Testing

	IEEE Dust	IEEE Water	Durability	Hand Installable
<b>GUARDIAN™</b>	Pass	Pass	Pass	Yes
<b>Competitor "A"</b>	Fail	Fail	T.B.D.	Yes
<b>Competitor "B"</b>	Pass	Pass	T.B.D.	No
<b>ISO-GARD®</b>	Pass	Pass	Pass	Yes



**WARNING:**

Properties/applications shown throughout this brochure are typical. Your specific application should not be undertaken without independent study and evaluation for suitability.

For specific application recommendations consult Garlock. Failure to select the proper sealing products could result in property damage and/or serious personal injury.

Performance data published in this brochure has been developed from field testing, customer field reports and/or in-house testing.

While the utmost care has been used in compiling this brochure, we assume no responsibility for errors. Specifications subject to change without notice. This edition cancels all previous issues. Subject to change without notice.

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ISO 9001:2000  
Cert. #001762

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[www.klozure.com](http://www.klozure.com)

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- |                                |                 |                      |
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Bring KLOZURE® to all your sealing requirements

