

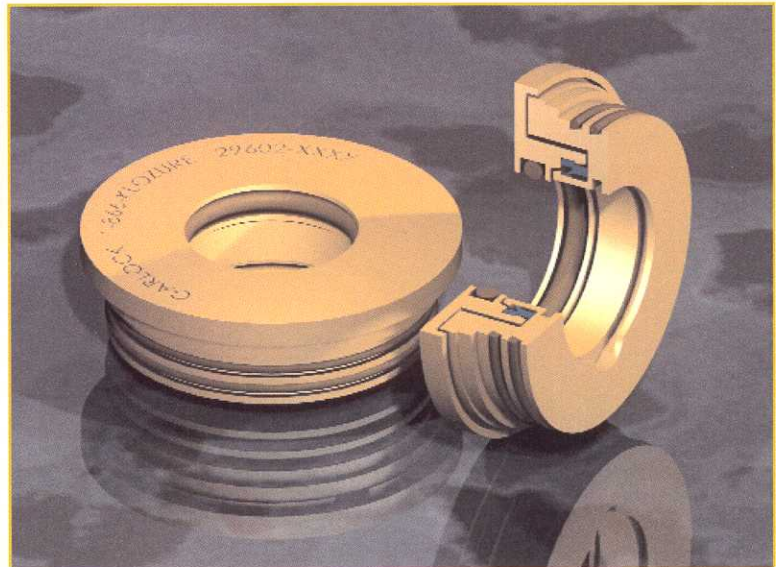
KLOZURE® OIL SEALS & BEARING ISOLATORS

GUARDIAN™ for Electric Motors**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
- ▶ Surpasses IEEE 841-2001 Test Standards

Design Parameters

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



Patents Pending

klozure®
A DIVISION OF GARLOCK

KLOZURE® OIL SEALS & BEARING ISOLATORS

GUARDIAN™ for Electric Motors

Ordering Information

Electric Motor Frames Sizes

Frame Size	Seal Size (inches)	GUARDIAN™ Part No.
130	1.312 x 2.000 x 0.625	29607-1146
182	0.875 x 1.875 x 0.750	29602-4267
182T	1.125 x 2.125 x 0.750	29602-4139
184	0.875 x 1.875 x 0.750	29602-4267
184T	1.125 x 2.125 x 0.750	29602-4139
210	1.375 x 2.375 x 0.750	29602-4141
213	1.125 x 2.125 x 0.750	29602-4139
213T	1.375 x 2.375 x 0.750	29602-4141
215	1.125 x 2.125 x 0.750	29602-4139
215T	1.375 x 2.375 x 0.750	29602-4141
250	1.766 x 2.750 x 0.750	29602-4350
254U	1.375 x 2.375 x 0.750	29602-4141
254T	1.625 x 2.625 x 0.750	29602-4144
256U	1.375 x 2.375 x 0.750	29602-4141
256T	1.625 x 2.625 x 0.750	29602-4144
280	1.900 x 3.500 x 0.750	29602-4356
284U	1.625 x 2.625 x 0.750	29602-4144
284T	1.875 x 2.875 x 0.750	29602-3585
284TS	1.625 x 2.625 x 0.750	29602-4144
286U	1.625 x 2.625 x 0.750	29602-4144
286T	1.875 x 2.875 x 0.750	29602-3585
286TS	1.625 x 2.625 x 0.750	29602-4144
320	2.355 x 3.870 x 0.750	29602-4351
324U	1.875 x 2.875 x 0.750	29602-3585
324S	1.625 x 2.625 x 0.750	29602-4144
324T	2.125 x 3.125 x 0.750	29602-4146
324TS	1.875 x 2.875 x 0.750	29602-3585
326U	1.875 x 2.875 x 0.750	29602-3585
326S	1.625 x 2.625 x 0.750	29602-4144

Frame Size	Seal Size (inches)	GUARDIAN™ Part No.
326T	2.125 x 3.125 x 0.750	29602-4146
326TS	1.875 x 2.875 x 0.750	29602-3585
360	2.500 x 4.375 x 0.750	29602-4139
364S	1.625 x 2.625 x 0.750	29602-4144
364U	2.125 x 3.125 x 0.750	29602-4146
364US	1.875 x 2.875 x 0.750	29602-3585
364T	2.375 x 3.375 x 0.750	29602-4149
364TS	1.875 x 2.875 x 0.750	29602-3585
365S	1.625 x 2.625 x 0.750	29602-4144
365U	2.125 x 3.125 x 0.750	29602-4146
365US	1.875 x 2.875 x 0.750	29602-3585
365T	2.375 x 3.375 x 0.750	29602-4149
365TS	1.875 x 2.875 x 0.750	29602-3585
404S	1.875 x 2.875 x 0.750	29602-3585
404U	2.375 x 3.375 x 0.750	29602-4149
404US	2.125 x 3.125 x 0.750	29602-4146
404T	2.875 x 3.875 x 0.750	29602-4153
404TS	2.125 x 3.125 x 0.750	29602-4146
405S	1.875 x 2.875 x 0.750	29602-3585
405U	2.375 x 3.375 x 0.750	29602-4149
405US	2.125 x 3.125 x 0.750	29602-4146
405T	2.875 x 3.875 x 0.750	29602-4153
405TS	2.125 x 3.125 x 0.750	29602-4146
324T	2.125 x 3.125 x 0.750	29602-4146
324TS	1.875 x 2.875 x 0.750	29602-3585
326U	1.875 x 2.875 x 0.750	29602-3585
326S	1.625 x 2.625 x 0.750	29602-4144
326T	2.125 x 3.125 x 0.750	29602-4146
326TS	1.875 x 2.875 x 0.750	29602-3585

Frame Size	Seal Size (inches)	GUARDIAN™ Part No.
360	2.500 x 4.375 x 0.750	29602-4353
364S	1.625 x 2.625 x 0.750	29602-4144
364U	2.125 x 3.125 x 0.750	29602-4146
364US	1.875 x 2.875 x 0.750	29602-3585
364T	2.375 x 3.375 x 0.750	29602-4149
364TS	1.875 x 2.875 x 0.750	29602-3585
365S	1.625 x 2.625 x 0.750	29602-4144
365U	2.125 x 3.125 x 0.750	29602-4146
365US	1.875 x 2.875 x 0.750	29602-3585
365T	2.375 x 3.375 x 0.750	29602-4149
365TS	1.875 x 2.875 x 0.750	29602-3585
404S	1.875 x 2.875 x 0.750	29602-3585
404U	2.375 x 3.375 x 0.750	29602-4149
404US	2.125 x 3.125 x 0.750	29602-4146
404T	2.875 x 3.875 x 0.750	29602-4153
404TS	2.125 x 3.125 x 0.750	29602-4146
405S	1.875 x 2.875 x 0.750	29602-3585
405U	2.375 x 3.375 x 0.750	29602-4149
405US	2.125 x 3.125 x 0.750	29602-4146
405T	2.875 x 3.875 x 0.750	29602-4153
405TS	2.125 x 3.125 x 0.750	29602-4146

FOR MORE INFORMATION CONTACT YOUR CUSTOMER SATISFACTION SPECIALIST

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FAX 1.866.OILSEAL (1.866.645.7325)

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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.

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