ERIKS Bearing Products

our people and know-how make the difference
ERIKS has been solving bearing problems for our customers for decades. Hands-on experience combined with real world customer applications enables us to bring a fresh approach to helping your organization solve difficult bearing issues. All of our bearings are sourced directly from one of our global manufacturers that are ISO, QS and TS certified. Our bearings are available in both metric and inch sizes. We visit and conduct regular audits on all of our bearing manufacturers and we do not offer bearings only deemed "equivalent". Stable and consistent source of manufacture, attractive pricing, shorter lead-times and better product availability are only a few of the benefits of having ERIKS as your bearing partner. In addition, our professional staff of application engineers are ready to help analyze your requirements and provide insightful, unbiased solutions specific to your application.

ERIKS DELIVERS A WIDE RANGE OF HIGH QUALITY BEARINGS

**Testing & Analysis**

Eriks also maintains the ability to perform detailed bearing failure/material analysis. This is done either through a working relationship with Napoleon Engineering Services (NES) in New York or the Eriks Tech Center in Sacramento, CA. NES is one of the premier sources for bearing-specific life test and material/failure analysis in the United States. Should your desire for analysis involve computer aided design through 3D solid modeling or a physical analysis of any elastomer of polymer materials, the Eriks Tech Center is well positioned to answer the call. Our goal is to be your one-stop shop for all your bearing needs.
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### Working Temperature
- Low ( )
- Normal ( )
- High ( )

### Mode of Operation
- Rotation
  - Rotational speed: _____________
  - Angle of Oscillation: _____________
- Oscillation
  - Frequency: _____________
  - PV Value: _____________

### Load Conditions
- Dynamic load: _____________
- Static load: _____________

#### Force direction
- Axial
- Radial
- Shearing
- Immovable load
- Live load
- Impact load
- Light load
- Moderate Load

### Environment
- Outdoor
- Environmentally Sealed

#### Humid (condensation)
- Slurry
- Dust
- Water

#### Acid
- Alkaline

### Lubrication
- Mode of lubrication
  - Oil
  - Grease
  - None after Installation

#### Cycle of lubrication:
- _____________

#### Lubrication Type or P/N:
- _____________

### Seals
- Type
  - Gap seal
  - Contact seal

#### Function
- Anti-dust
- Grease Seal

### Shaft/Housing
- Material of shaft: _____________
- Material of housing: _____________
- ISO Standard: _____________

#### Materials & Running Condition
- Static shaft
- Running shaft

#### Dimension / tolerance:
- _____________

### Clearance
- Axial
  - Amount: _____________
- Radial
  - Amount: _____________

### Life
- Minimum life (L₁₀ hours or cycles): _____________
- Average life (L₅₀ hours or cycles): _____________
- Machine life: _____________

### Test Criteria
- Test Type:
  - Bench test
  - Installation test
  - No experiment

#### Acceptance criteria:
- ISO Standard: _____________

### Starting Torque
- Yes
- No

### Drawing
- Yes
- No

### Samples
- Yes
- No

#### pcs
- _____________

### Bore Size
- ID: _____________
- OD: _____________

### Additional Information