



## ERIKS Bearing Products

our people and know-how make the difference

**ERIKS**

**OUR APPLICATION ENGINEERS ARE READY TO HELP ANALYZE YOUR REQUIREMENTS AND PROVIDE INSIGHTFUL, UNBIASED SOLUTIONS**

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.



**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 or 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.

**ERIKS DELIVERS A WIDE RANGE OF HIGH QUALITY BEARINGS**

**Tapered Roller Bearings**

- TS - standard cup/cone
- TSF - flanged cup
- TDO - double cup/cone assembly
- TDI, TDIT - double cone/cup assembly, tapered bore



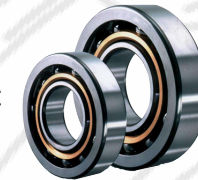
**Thrust Ball & Roller Bearings**

- TVB - ball
- TP - cylindrical
- TSR - spherical roller
- TTHD - thrust tapered roller



**Radial & Angular Contact Bearings**

- 6000 Series - deep groove (incl. self-aligning inner race)
- 7000 Series - angular contact (single and matched pair)
- Type QJ - four-point contact



**Spherical Roller Bearings**

- Type C - steel cage
- Type CA - brass cage



**Cylindrical Roller Bearings\***

- Type N - double flanged inner ring
- Type NU - double flanged outer ring
- Type NNU - separable inner
- Type NN - separable flanged inner
- Type NJ - double flanged outer & single flanged inner



\* Available in both single and double row

**Spherical Plain Bearings**

- Metric Series Radial
- Inch Series Radial
- Thrust
- Extended Inner Ring



**Stainless Steel Ball Bearings**

- 6000 - 6900
- 16000
- 1600 micro
- SSR
- ABEC-1 & 3
- Z1, Z2 vibration levels



**Slewing Ring Bearings**

- ID, OD or Non-Geared Styles
- Single or Double Row
- 4-PT Contact
- Worm-driven Gear Assemblies



Company _____	Annual Quantity _____	
Contact _____	Environment _____	
Application _____	Validation Method _____	
Existing Supplier _____		
<b>Working Temperature</b>	Low (     )	Normal (     )
<b>Mode of Operation</b>	<input type="checkbox"/> Rotation	Rotational speed: _____
	<input type="checkbox"/> Oscillation	Frequency: _____
	PV Value: _____	Angle of Oscillation: _____
<b>Load Conditions</b>	Dynamic load: _____	Static load: _____
	Force direction <input type="checkbox"/> Axial	<input type="checkbox"/> Radial
	<input type="checkbox"/> Immovable load <input type="checkbox"/> Live load	<input type="checkbox"/> Shearing
	<input type="checkbox"/> Light load <input type="checkbox"/> Moderate Load	<input type="checkbox"/> Impact load <input type="checkbox"/> Heavy load
<b>Environment</b>	<input type="checkbox"/> Outdoor	<input type="checkbox"/> Environmentally Sealed
	<input type="checkbox"/> Humid (condensation)	<input type="checkbox"/> Slurry <input type="checkbox"/> Dust <input type="checkbox"/> Water
	<input type="checkbox"/> Acid	<input type="checkbox"/> Alkaline
<b>Lubrication</b>	Mode of lubrication <input type="checkbox"/> Oil <input type="checkbox"/> Grease <input type="checkbox"/> None after Installation	
	Cycle of lubrication: _____	
	Lubrication Type or P/N: _____	
<b>Seals</b>	Type <input type="checkbox"/> Gap seal <input type="checkbox"/> Contact seal	
	Function <input type="checkbox"/> Anti-dust <input type="checkbox"/> Grease Seal	
	Pollution source: _____	
<b>Shaft/Housing Materials &amp; Running Condition</b>	Material of shaft: _____	ISO Standard: _____
	Material of housing: _____	Dimension / tolerance: _____
	<input type="checkbox"/> Static shaft <input type="checkbox"/> Running shaft	
<b>Clearance</b>	<input type="checkbox"/> Axial Amount: _____	<input type="checkbox"/> Radial Amount: _____
<b>Life</b>	Minimum life (L <sub>10</sub> hours or cycles): _____	
	Average life (L <sub>50</sub> hours or cycles): _____	
	Machine life: _____	
<b>Test Criteria</b>	Test Type: <input type="checkbox"/> Bench test <input type="checkbox"/> Installation test <input type="checkbox"/> No experiment	
	Acceptance criteria: _____	ISO Standard: _____
<b>Starting Torque</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Drawing</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No	
<b>Samples</b>	<input type="checkbox"/> Yes <input type="checkbox"/> No _____ pcs	
<b>Bore Size</b>	ID: _____	OD: _____
<b>Additional Information</b>		