

## ERIKS Delivers More

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, whether they are manufactured in our own state-of-the-art manufacturing facility or sourced from one of our global suppliers, are ISO, QS and TS certified and are available in both inch and metric sizes. We visit and conduct regular audits on all of our bearing sources 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.

### 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



### Ultralube™

Ultralube is a surface modification treatment that permanently bonds itself and significantly improves the surface coefficient of friction, reduces any likelihood of galling and will not interfere with conventional lubricants.

<b>Company</b> _____				
<b>Contact</b> _____	<b>Annual Quantity</b> _____			
<b>Application</b> _____	<b>Environment</b> _____			
<b>Existing Supplier</b> _____	<b>Validation Method</b> _____			
<b>Working Temperature</b>	Low (     )	Normal (     )	High (     )	
<b>Mode of Operation</b>	<input type="checkbox"/> Rotation	Rotational speed: _____		
	<input type="checkbox"/> Oscillation	Frequency: _____	Angle of Oscillation: _____	
	PV Value: _____			
<b>Load Conditions</b>	Dynamic load: _____	Static load: _____		
	Force direction	<input type="checkbox"/> Axial	<input type="checkbox"/> Radial	<input type="checkbox"/> Shearing
	<input type="checkbox"/> Immovable load	<input type="checkbox"/> Live load	<input type="checkbox"/> Impact load	
	<input type="checkbox"/> Light load	<input type="checkbox"/> Moderate 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>				