



Company: \_\_\_\_\_ Department: \_\_\_\_\_  
 Name: \_\_\_\_\_ Phone: \_\_\_\_\_  
 Address: \_\_\_\_\_ Fax: \_\_\_\_\_  
 \_\_\_\_\_ e-mail: \_\_\_\_\_  
 Country: \_\_\_\_\_ Phone/Visit on: \_\_\_\_\_

Customer project: \_\_\_\_\_  
 Rothe Erde Inquiry-No.: \_\_\_\_\_ Rothe Erde Order-No.: \_\_\_\_\_

<b>Application:</b> _____	<b>Axis of rotation:</b> Horizontal <input type="checkbox"/> vertical <input type="checkbox"/> mutual <input type="checkbox"/>  	<b>Bearing under:</b> compression <input type="checkbox"/> tension* <input type="checkbox"/> *Bolts under tension by axial loads
<b>Gear:</b> free choice <input type="checkbox"/> external <input type="checkbox"/> as per annex B <input type="checkbox"/> internal <input type="checkbox"/> without <input type="checkbox"/>	<b>Movement:</b> Positioning only <input type="checkbox"/> Intermittent rotation <input type="checkbox"/> Continuous rotation <input type="checkbox"/>	<b>No. of revolutions [rpm]:</b> norm.: _____ max.: _____

**Bearing loads**

	<b>A</b> max. working load	<b>B</b> max. test load e.g. 25% overload condition	<b>C</b> Extreme load e.g. shocks or out of operation	
Magnitude and direction of loads and their distance (related to axis of rotation)				
<b>Axial loads</b> parallel to axis of rotation				[kN]
<b>Radial loads</b> at right angle to axis of rotation (without gear loads)				[kN]
<b>Resulting moment</b>				[kNm]

<b>Tangential force per drive [kN]:</b> norm.: _____ max.: _____	<b>No. of drives:</b> Position: _____ ° apart
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**Existing or chosen bearing per drawing No.:** \_\_\_\_\_  
 For continuous rotation, variable and B10 life requirements, please complete annex A.  
**Annex A is enclosed:**

**Remarks:**

1. e.g. special environmental conditions as there are corrosive media, special lubricants, special insulations, special corrosion prevention, low or high temperatures etc.
2. e.g. special bearing dimensionings with regard to precisions, acceptance conditions, material testings, dimensions etc.

\_\_\_\_\_  
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Please fully complete this form. Incomplete information will delay our proposal.

**Individual consultation required. Please call for appointment**

**Date** \_\_\_\_\_ **Signature** \_\_\_\_\_

# Rothe Erde® Large-Diameter Bearings

## KD 100 Questionnaire - Annex A

Load case / description	Axial load [kN]	Radial load [kN]	Tilting moment [kNm]	Speed [rpm]	Operating time [%]
1)					
2)					
3)					
4)					
5)					
6)					
7)					
8)					
9)					
10)					
Max. 10 load cases !					= 100 %

**For continuous rotation:**

Required B10 life: min. \_\_\_\_\_ hours at average \_\_\_\_\_ rpm

**For intermittent rotation:**

Required service life: min. \_\_\_\_\_ cycles with angle of +/- \_\_\_\_\_ degrees,

or \_\_\_\_\_ full load revolutions on the basis of service life.

Date

Signature

