Rothe Erde® Large-	Diam	eter Be	arir	igs 🥌	3	KD 100 Que	stionnaire			
Company:					Departm	nent:				
Name:					•					
Address:										
Country:					Phone/V	isit on:				
Customer project:										
Rothe Erde Inquiry-No.:				Rothe Er	de Order-No.	:				
Application:		Axis of rot	-			Bearing under:				
		Horizontal	Ш	vertical 🗆	mutual \square	compression	tension* \square			
						*Bolts under tension	by axial loads			
Gear:			Movement: No. of revolutions [rpm]:							
external free choice \Box internal		3 -								
as per annex B	without									
		Bear	in	g lo	a d s	L				
		A			B	С				
Magnitude and direction	max.	x. working load		max. test load e.g. 25% overload		Extreme load e.g. shocks or				
of loads and their distance (related to axis of rotation)					dition	out of operation				
Axial loads parallel to axis of rotation							[kN]			
Radial loads at right angle to axis of rotation (without gear loads)							[kN]			
Resulting moment							[kNm]			
Tangential force per drive [kN]:					No. of drives	s:				
norm.:	max.:				Position:	° apart				
Existing or chosen bearing per	drawing	No.:								
For continuous rotation, variable Annex A is enclosed: □	and B10	life requirem	nents,	please comp	lete annex A.					
Remarks: (e.g. special w certification re					ed accuracies	, bearing dimensions, ir	spection- or			
Please fully complete this form. In	ncomplet	e informatio	n will (delay our prop	oosal.					
Individual consultation require	d. Please	call for ap	pointr	nent 🗆						
Date		Signat								

Rothe Erde® La	KD 100 Questionnaire - Annex A							
Load case /		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 +/-	degre	es,				
	or	full load revolutions on	the basis of service life.					
Date	Signature							

Rothe Erde® Large-Diameter Bearing KD 100 Questionnaire - Annex B									
Gear geometry									
	External gear Spur gear					al gear			
	Spui geai		Pini	on	Tience	ii geai	Gear ring		
Gear size	m								[mm]
Pressure angle *	α								[Degrees]
Helix angle **	β								[Degrees]
Inclined to the right / left	**								
* If different from 20 degre ** For helical gear only	ees								
No. of teeth	z								
Profile correction	xm								[mm]
Addendum modification	km								[mm]
Tooth face width	b								[mm]
Quality									
Please include pinion drawir	ng.								
Pinion adjustable			Yes No						
Further details:					<u> </u>				
_									
-									
Date	Ç	Signat	ture						