

Technical Reference For Selection of Slewing Bearing



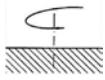
1. Contact:

Company: _____
 Contact person: _____
 Address: _____
 Country: _____
 Zip Code: _____

Date: _____
 E-mail: _____
 Tel: _____
 Fax: _____

2. Application Description:

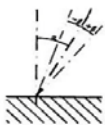
Center Axle:



vertical



horizontal

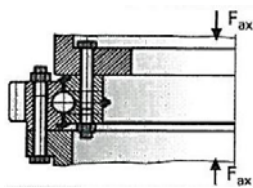


changed

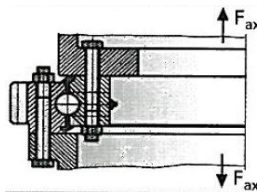
_____ Grade of Turn Axle

_____ Grade of Slewing

Installing Type:



Seating
Install



Suspension
Install

Value of Load:

			Working Load		Test Load	Destroy Load
			normal	maximal		
Axial Loading	F_{ax}	kN				
Radial Loading	F_{rad}	kN				
Tureover Torque	M_k	kNm				
Allowed Gear Pressure	f_{znorm}	kN				
Max. Gear Pressure	f_{zmax}	kN				
Torque (Slewing Bearing)	M_d	kNm				
Working Load Rate	ED	%				
Rotation Speed (Slewing Bearing)	n	min-1				
Rotation Speed (Slewing Bearing) max.	n_{max}	min-1				

Other Requirements (working conditions):

Cleaness, Humidity, Seewater, Chemical Influence, ect.		
Working Temperature	°C	
Working Time	h/d	
Working Load Rate	%	
Number of Working Circle per Hour	1/h	
Middle Rotationdegree per Working Circle	Grad	

3. Material Description:

Without Description 46Cr4N/46Cr4V 42CrMo4V

Heat Treatment: Normal Quench Tempering



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4. Gear

Rotation Speed	normal	maximal
Small Gear (Pinion)		
Slewing Bearing		



Technical Reference for Gear Engagement

Gear Description	External	Internal	Without
Width of Gear	mm		
Module m	mm		Number of Teeth z2
Pressure Angle α	Grad		
Addendum Coefficient			
Tip Relief Coefficient			
Center Distance of Gear	Adjustable		not Adjustable
Hardened Gear	Yes		No
Hardened Type	Flank	Root	Compl.
Flaken Direction	Right		Left

Small Gear (Pinion)

Module m	mm	
Number of Teeth z1		
Modification Coefficient x1		
Tip Relief Coefficient k1		

5. Technical Requirements/Certification:

Lubrication	manual	automatic	
New project		spare part	
Calculation Requirement:	Yes	No	
CRB Company Certification:	GL	BV	Others

6. Enquiry Description:

Quantity	
Expected Delivery Time	
Target Price	

7. Remarks:



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