



LONGWEI TRANSMISSION SLEWING BEARING CO., LTD

**Slewing Bearing Selection**

Company:		Add.:	
Contact Person:		Dept.:	
Tel:		Fax:	
<b>Application:</b>	<b>Shaft Position</b>	<b>Slewing Bearing Mounting Method</b>	
	Horizontal <input type="checkbox"/> Vertical <input type="checkbox"/>	Seat type <input type="checkbox"/> Suspended <input type="checkbox"/>	
<b>Tooth type:</b>	<b>Movement:</b>	<b>Speed (RPM):</b>	
External Tooth <input type="checkbox"/>	Positioning only <input type="checkbox"/>	Normal working speed:	
Internal Tooth <input type="checkbox"/>	Intermittent rotation <input type="checkbox"/>	Max speed:	
Without Tooth <input type="checkbox"/>	Continuous rotation <input type="checkbox"/>		
<b>Load data</b>			
Bearing load Loading type	A	B	C
	max. working load	max. test load e.g. 25% overload condition	Extreme load e.g. shocks or out of operation
<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
Tilting moment generated by axial load			KN • m
Tilting moment generated by radial load			KN • m
Final tilting moment			KN • m
<b>Driving Torque on Slewing Bearing [KN]</b> Normal:                      Max:			<b>No. of Driving Pinions:</b> Position:                      ° (distribution)
<b>Slewing bearing type and dimension</b>			
Type: light type <input type="checkbox"/> single row ball <input type="checkbox"/> double row ball <input type="checkbox"/> single row cross roller <input type="checkbox"/> triple row cross roller <input type="checkbox"/>			
Dimension:    OD:    mm <input type="checkbox"/> ID:    mm <input type="checkbox"/> Height:    mm <input type="checkbox"/>			
For continuous rotation, variable and life requirements, please complete annex A.			
<b>Annex A is enclosed:</b>			

**Remarks:** (e.g. special working conditions / temperatures, required accuracies, bearing dimensions, inspection- or certification requirements, material tests etc.)

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

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Fax: 86-516- 85819994

Email: yang788888@gmail.com

Signature:

date:

### Appendix A

The percentage of working time and rotation speed under different load cases.

#### Slewing Ring Load Data

Load cases	axial (KN)	radial (KN)	Moment (KN · m)	rotation speed (rpm)	time (%)
1					
2					
3					
4					
5					
6					
7					
8					
9					
10					
					100%

#### Continuous operation:

The service life(L10) : at average speed: rpm, service life is at least: /hour

#### Intermittent operation:

Working life needed: at angle+/- °, the least recycle number:

Signature:

date:

