



LONGWEI TRANSMISION SLEWING BEARING CO., LTD

Slewing Bearing Selection

Company: Add.:

Contact Person: Dept.:

Tel: Fax:

Application:	Shaft Position	Slewing Bearing Mounting Method
	Horizontal <input type="checkbox"/> Vertical <input type="checkbox"/>	Seat type <input type="checkbox"/> Suspended <input type="checkbox"/>
Tooth type:	Movement:	Speed (RPM):
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"/>	

Load data

Bearing load	A	B	C	
Loading type	max. working load	max. test load e.g. 25% overload condition	Extreme load e.g. shocks or out of operation	
Axial loads parallel to axis of rotation				KN
Radial loads 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

Driving Torque on Slewing Bearing [KN] **No. of Driving Pinions:**
 Normal: Max: Position: ° (distribution)

Slewing bearing type and dimension

Type: light type single row ball double row ball single row cross roller triple row cross roller

Dimension: OD: mm ID: mm Height: mm

For continuous rotation, variable and life requirements, please complete annex A.

Annex A is enclosed:

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.

Tel: 86-516- 85588998 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: _____

