XUZHOU WANDA SLEWING BEARING CO., LTD

Slewing Bearing Selection

Company:	Add.:	
Contact Person:	Dept.:	
Tel:	Fax:	
Application:	**Shaft Position**	**Slewing Bearing Mounting Method**
	Horizontal □ Vertical □	Seat type □ Suspended □
Tooth type:	**Movement:**	**Speed (**RPM**):**
External Tooth □	Positioning only□	Normal working speed:
Internal Tooth □	Intermittent rotation □	Max speed:
Without Tooth □	Continuous rotation □	

Load data

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	
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] Normal: Max:	**No. of Driving Pinions:** 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- 83309366 Fax: 86-516- 83915766 Email: info@slew-bearing.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:

Appendix B		
Gear data		
External tooth □	Internal tooth □	Involute tooth □
Tooth Data		
Definition	Slewing ring tooth	Pinion tooth
Module (m)		
Number of teeth (z)		
Pressure angle (α)		
Helix angle (β)		
Modification coefficient (x)		
Coefficient of top clearance ©		
Teeth width (b)		
Precision grade (l)		
Gear center distance is adjustable	yes □	no □
Please attach the drawing of pinion.		
Other requirements		
Signature	date:	