Application data sheet for Slewing Bearing Arrangements

Customer

Company:_____

Street,ZIP code,City:_____

Contact:_____

Tel:_____Fax:_____Email:_____

Date of inquiry:_____ Date of reply required:_____

Signature:

_____

Delivery requirements:

Required quantities:____Quantities per year:____Date of 1st delivery:_____

Special delivery requirements:_____

_____

Application:

Description of application:_____

_____

_____

Position of axis: ☐Vertical ☐Horizontal ☐Changing

Position of bearing: ☐Supported ☐Suspended

Existing/chosen bearing,Designation:_____

_____

Bearing load

Type of load	Operating conditions					
	Normal load		Maximum load		Maximum	Extreme loads
	Amount	% of time	amount	% of time	test load	(out of operation)
Axial loads Fa (lbs) Parallel to axis of rotation						
Radial loads Fr (lbs) At 90° to axis of rotation						
Resulting moment Mt (Ft lbs)						
Rotational speed (r/min)						
Slewing working angle (deg)						

Tangential force

Tooth force (lbs):Normal force:_____ Max force: _____ No.of drives:_____

Motion:

☐Continuous rotation ☐Slewing motion ☐Intermittent

Dimensional limitations

Outside diameter (inch): Preferred: Min/Max:

Inner diameter (inch): Preferred: Min/Max:

Bearing height (inch): Preferred: Min/Max:

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Gear data

☐Internal gear ☐External Gear ☐Without Gear

Reference dia (inch): Preferred: Min/Max:

Tooth Height (inch): Preferred: Min/Max:

Module: Preferred: Min/Max:

Axial Clearance Value

Max: Min:

Sealing Arrangements

On top: ☐Yes ☐No ☐Internal ☐External

At the bottom : ☐Yes ☐No ☐Internal ☐External

Attachment bolt hole

Outer ring ☐Through holes ☐Tapped holes ☐Number of bolts

Bolt hole dia (inch): Preferred Min/Max:

Bolt hole pitch circle dia (inch): Preferred Min/Max:

Lubrication of raceway

☐Grease ☐Manual relubrication ☐Central grease lubrication system

☐Oil bath ☐ Central oil lubrication system ☐Other

Lubrication of gear

☐Manual grease relubrication ☐Central grease lubrication system

Temperatures

Operating temperatures (°F): ☐Min ☐Max

Ambient temperatures (°F): ☐Min ☐Max

Special requirements

Centering recesses/Required accuracy/Required lubricant/Ring material etc.

_____

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