

BEARING DESIGN

Slewing Rings & Turntable Bearings



Customer: _____
 Address: _____
 City: _____ State: _____ Zip: _____
 Filled out by: _____
 Phone: _____ Ext: _____ Fax: _____
 Cust. Model: _____
 Application: _____
 Req. SF _____
 Loads By: _____

Date Filled Out: _____
 Date Reply Required: _____

New Application
 Modification of Existing Design
 Replacement

BEARING LOADS:	Maximum Rotating	Maximum Static	%time
Axial or Thrust Loading:	_____ lb	_____ lb	_____ %
Moment Loading:	_____ ft-lb	_____ ft-lb	_____ %
Radial Loading:	_____ lb	_____ lb	_____ %
Max. Tangential Tooth Load:	_____ lb	_____ lb	_____ %
Gear Torque:	_____ ft-lb	_____ ft-lb	_____ %
Gear Tangential Tooth Load:	_____ lb	_____ lb	_____ %

ROTATION:	rpm	rpm	rpm	%	%	%
<input type="checkbox"/> Continuous	_____	_____	_____	_____	_____	_____
<input type="checkbox"/> Oscillating	_____	_____	_____	_____	_____	_____
<input type="checkbox"/> Intermittant	_____	_____	_____	_____	_____	_____

AXIS OF ROTATION

Vertical (Brg Horiz)
 Horizontal (Brg Vert)
 Inclined _____ degs
 Outer Ring Rotates
 Inner Ring Rotates

SPACE LIMITATION: (If any)	Preferred	Max./Min.
Outside Diameter:	_____ inches	_____ inches
Inside Diameter:	_____ inches	_____ inches
Height:	_____ inches	_____ inches
Ball Path Diameter:	_____ inches	_____ inches

GEAR & PINION DATA:

<input type="checkbox"/> No Gear	<input type="checkbox"/> Separate
<input type="checkbox"/> External	<input type="checkbox"/> Internal
<input type="checkbox"/> Fixed	<input type="checkbox"/> Rotates

D.P. _____ P.A. _____

Tooth Form: _____
 Face Width: _____
 Gear P.D. _____
 No. Pinion Teeth: _____
 Drive Pinions/Brg: _____

COMMENTS:

MOUNTING BOLTS:

(1) Drilled for thru bolts
 (2) Blind tapped Holes
 (3) Socket head cap screws
 (4) Tapped thru & c'drilled
 (5) No preference

Choose one style for each ring:
 Outer: Inner:

Checked By: _____ Date _____ Proposed Model Number _____

