

# LYNBC Supper Precision Bearing Model Request Form

When requesting assistance, use of this form provides LYNB sales representative with a better understanding of your specific needs.

## ■ General Information

Customer:  Country:

Your Name:  E-mail:

Phone:

Application/type of machine:

## ■ Bearing Information

Type of bearings (check all that apply):

- Precision Slewing Ring       Precision Crossed Roller Bearing       Precision YRT Bearing
- Precision Cylindrical Roller Bearing     Angular Contact       Tapered Roller Bearing

To Be Determined

Quantity of bearings in system:  (if applicable)

Bearing part number(s)/location (i.e. work end or drive end):

or New bearing: Shaft size(s):  Housing size(s):

## ■ Application Information

Speed:  (rpm)      Lubrication method/name:

All fixed    or     With rear floating      Rotation:  Inner ring     Outer ring

Temperature:  Ambient temperature    or    Shaft

Housing

Bearing

Sump (if applicable)

## ■ External Load Information

Internal drive (i.e. motorized spindle)

External drive loads



Direct drive

Belt drive or chain drive

F belt or chain:  or HP:

$D_m$  (pitch diameter):

Single chain  Double chain  V belt

Gear drive

External Loads Radial:  Axial location:

Axial:   Reversing?

Moment:

■ Customer requirements (i.e.  $L_f$ , stiffness, accuracy, etc.):

Bearing user:  Qty.:  Date req'd:

Sales engineer:  District office:

Reason for analysis request:

Repairability and cost to repair required: Yes  No

Hold bearing until further notice  Scrap 30 days after analysis  Return to D.O.

■ Bearing Information

Brg. no.:  Type:  Date code:  S.N.:

New bearing  Repaired bearing Date installed:  Service life:

■ Application Information (Circle appropriate measurements)

Equipment/model No.:  Job No.:

Loads: Radial:  (kg/lb.) Axial:  (kg/lb.)

Moment:  (ft-lb.) Rotation:  I.R.  O.R.



B

Speed:  (RPM)      Oscillation angle:  (Total degrees)      Freq.:  (opm)

Lubrication Method:       Brand:

Temp.: Ambient:  (°C°F)    Housing:  (°C°F)    Bearing:  (°C°F)    Lubricant:  (°C°F)

Shaft fit/size:       Housing fit/size:

Installation method: Hydraulic:     Mechanical:     Thermal:     Other:

Removal method:    Hydraulic:     Mechanical:     Thermal:     Other:

**■ Operating Equipment Condition**

Initial indication of bearing damage: Vibration:     Noise:     Other:

Shaft condition:

Housing condition:

Lubricant condition:

Inner ring condition:

Outer ring condition:

Cage condition:

Rolling elements condition:

General comments:



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