

DATA REQUIRED FOR LORD COUPLING RECOMMENDATION

*ALL INFORMATION IN THIS BOX IS REQUIRED DATA.

Date _____ Lord Recommended P/N _____

Company Name _____ Field Engineer _____

Address _____ Discussed With _____

Title _____

General description of problem and equipment _____

Retrofit

New System

APPLICATION

Driving Unit:

* Description _____

* Model No. _____ * Manufacturer _____

* 2-Stroke/Cycle 4-Stroke/Cycle

* Rotational Inertia and Torsional Spring Rate Data (attach tabulated data).

* Radial Support Needed: Yes No

Driven Unit

* Description _____

* Model No. _____ * Manufacturer _____

* Rotational Inertia and Torsional Spring Rate Data (attach tabulated data).

* Parasitic Torque required _____ lb-ft

SYSTEM DYNAMICS

* Mass elastic schematic of entire system (please attach sketch).

Test data (attach if available).

Speeds of Driving Unit: Idle _____ RPM Normal _____ RPM Maximum _____ RPM

% Time: @ Idle _____ @ Normal _____ @ Maximum _____

Speed Ratio Driving to Driven Unit: _____ to _____

* Torque: Normal _____ lb-ft Maximum _____ lb-ft (at _____ RPM)

Present Vibration: Peak-to-Peak Response Maximum _____ lb-ft @ _____ CPM

* Transient Shock: Magnitude: _____ lb-ft

Duration: _____ milliseconds

How often: _____ times per hour

* Briefly describe any peculiarities or special circumstances of the dynamic system _____

*REQUIRED DATA

(OVER)

COUPLING REQUIREMENTS

Primary Function:

Shaft Misalignment

_____ Axial
_____ Angular
_____ Parallel
_____ Torsional Vibration Isolation
_____ Torsional Shock Loads
_____ Noise Attenuation

Specific Requirements

_____ Inches
_____ Degrees
_____ Inches
_____ % Isolation @ _____ RPM
_____ Maximum Amplitude

Parameters:

* System Operating Temperature: Normal _____°F Maximum _____°F Minimum _____°F

* Environmental: Oil Immersion _____ Oil Splash _____
Other _____ Mil Spec _____

* Space Envelope: Maximum Length _____ Maximum Diameter _____

* Attachments: Driving Spline Flange Driven Spline Flange
 Keyways Set Screws Keyways Set Screws

* Shaft Diameters: Driving _____ Driven _____

Fail-Safe Feature Required: Yes No

Maximum Allowable Weight: _____

* Minimum Hours Life Required: _____

Please attach the following:

1. A layout of the available space envelope and other pertinent drawings showing connecting driveline components.
2. A system mass-elastic diagram including all rotational mass moments of inertia and torsional stiffnesses.

Remarks _____

*REQUIRED DATA

Photocopy and complete the questionnaire from catalog and mail or fax to: RPM Mechanical Inc.
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