



**GUIDE AND QUESTIONNAIRE FOR SELECTION OF  
BUSHINGS – SLEEVE BEARINGS – PINS & SHAFTS**

**CUSTOMER:** ..... **Date**.....  
**Contact:** ..... **Project:** .....

**1 - Application(s)** – Please describe in detail the equipment where the components under consideration will be utilized and the function of the joint.

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**2 - Solutions used currently**

**2.1. Bearing:**

**Dimensions of the bearing (mm):**

Inner diameter ..... Outer diameter ..... Length.....

**Kind of motion:**             Rotating             Oscillating

If oscillating:            Value of the angle of oscillation (in degrees): .....

Oscillating frequency: .....

**Sliding speed (m/min):** .....

**Applied load on the bearing (N):**    Dynamic: .....

-Static: .....

**Surrounding:**             Clean             Abrasive             Corrosive             Humid

**Temperature of use:**            Continuously: .....

Peak temperature: .....

**Bearing used currently:** .....

**2.2. Shaft:**

**Type of shaft:** .....

**Superficial hardness of the shaft:** .....

**Roughness of the shaft:** .....

**2.3. Grease :**

**Type of grease used currently:** .....



**Frequency of lubrication:** .....

2.4. Clearance (mm): .....

2.5. Life duration :

**Current life duration:** .....

**Expected life duration:** .....

2.6. Sealing:                     Yes                     No

Comments: .....

2.7. Misalignment:  Yes                     No

Comments: .....

2.8. Others:

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**3 - Problems with the current solutions:**

Wear: .....

Seizure: .....

Corrosion: .....

Reduced lubrication: .....

Maintenance free: .....

Shock resistance: .....

Life duration: .....

Others: .....

**4 - Other solutions tried and results:**

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**5 - Quantity:**

Number of required bearings: .....

Number of required shafts/pins: .....

**6 - Other comments:**

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