

Flange Bearing Engineering Worksheet

To complete this form: ① Fill out the form fields. ② Save the file to your computer (to make it easy to find save it to your desktop folder). ③ Email the file back to your TriStar contact. For best results, use Adobe Reader.

Red border = Required.

General Information

Company Date

Contact TriStar Contact

Address

Phone Email

Application QTY.





Shaft RPM Shaft Finish Shaft Material and Hardness

Housing Bore Plus Minus in mm Load lbf

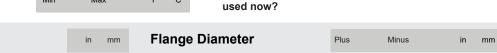
Max

Ν

Temp of Operating Environment Min

Flange Thickness

Thrust Load



Mating Material

What is being

°C

Thrust RPM

Questions

Specifications

Flange

If the bearing is linear, what is the length of stroke and the cycles per minute?

What is the primary load factor: radial or axial or both?

Does the bearing experience shock or excessive vibration?

If the bearing is oscillating, what is the angle of rotation, cycles per minute, and dwell time?

Are the temperature variations (if any) gradual or rapid?

Type of Media: air, gas, or liquid? Intermittent or Constant?

Is the environment abrasive in nature?

Does the environment call for electrical: dissipation or insulation?

Does the environment call for thermal: insulation or transfer?

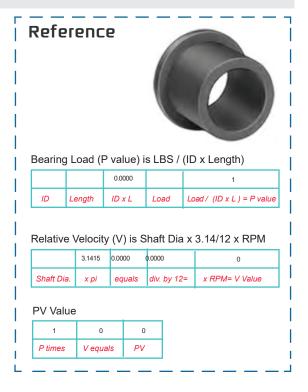
Does the application require: FDA, NSF, USDA, 3A or USP?

Is the shaft running: vertically, horizontally, or diagonally?

Is shaft misalignment anticipated?

Are there special shaft treatments: Hardcoat, ENP, chrome, TFE?

Flammability Rating required for this application? If yes, which one?



Notes about the hardware (housing material, etc.)

Chemicals in contact with the bearing