

Ball bearing Checklist

The following work sheet will assist you in the selection of the correct ball bearing for your application.

Date: (dd/mm/yyyy)

Contact person:

Customer:

Address:

Bearing reference:

City:

Phone:

E-Mail:

Application:

Bearing type

Basic dimensions

Inner diameter: Outer diameter:
 Width: Width:
 DGBB ACBB Thrust ball bearing
 Ring material:
 Ball material:
 Cage material:
 Duplex: Shields:
 Flanged: Tolerance class: (ISO/ABEC)
 Radial play: μm Contact angle: $^\circ$
 Code for grading: Lubrication:
 Coating:
 Drawing/specification:
If available please enclose with your enquiry

Torque

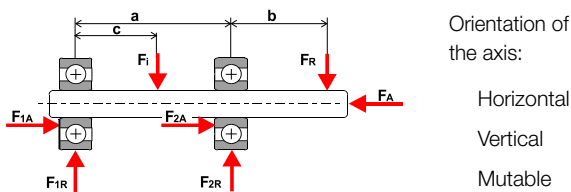
Torque sensitive: Yes No
 Max torque increase allowed: μNm
 Output torque of motor: μNm

Environment

Ambient temp. range: $^\circ\text{C}$ to $^\circ\text{C}$
 Working temp: $^\circ\text{C}$ Shaft temp: $^\circ\text{C}$
 Housing temp: $^\circ\text{C}$
 Dust: Autoclave: Humidity:
 Water: Chemicals:
 Vacuum: mbar
 Other details:

Loads

Applied to: Inner ring Outer ring
 Load type: Continuous Shock
 Other load details:
 Preload force: N



FR	N	F1R	N
FA	N	F1A	N
Fi	N	F2R	N
a	mm	F2A	N
b	mm	c	mm

Customer test plan

Type of test (life, salt spray, etc.):
 Run time of test: hours
 Duration of test: weeks
 Life expectancy: hours
 Additional details:

General information

Current supplier:
 Current part number /reference:
 Total requirement: pieces
 Product life cycle: target price:
 Customer pain with current bearing / additional application details:

Rotation

Speed in: rpm
 Inner ring rotation: Oscillating: Reverse:
 Outer ring rotation: Oscillating angle: Continuous:
 Other rotational details:

Required documents

CoC:
 FAI:
 Traceability:
 Details: