



Dynetic Systems Inc. Supplier Requirements – Bearings

Scope – Dynetic Systems Inc. recognizes the importance of bearings in the quality of our finished products. This document serves to notify present or potential bearing suppliers of the definitions used by Dynetic Systems Inc., and the requirements that are implied with bearing purchase orders. The requirements set forth in this document are considered to be in addition to information provided with the applicable engineering drawings. It is the responsibility of the bearing supplier to conform to the guidelines as set forth in this document.

Definitions – Features called out on Dynetic Systems Inc. drawings will conform to the following definitions:

Double Shield: A non-contact metallic shield covering the space between the inner and outer races of the bearing. Unless specifically called out in the drawing, the material of the shield is to be the same as used in the construction of the races. The retention of the shield to the outer race of the bearing is optional and can be with either a separate snap-ring or with an integral feature of shield.

Double Rubber Contact Seal: a contact rubber or synthetic elastomer shield with a metallic backing or insert, on both sides of the bearing attaching to the outer race and sealing on the inner race. The materials used must be compatible with the lubricants used and capable of 155°C operating temperatures.

Double Non-Contact Internal Seals: Double non-contact metal shields with internal non-contact Teflon seals. Unless specifically called out in the drawing, the material of the shield is to be the same as used in the construction of the races. The retention of the shield to the outer race of the bearing is optional and can be with either a separate snap-ring or with an integral feature of the shield. Note: Double non-contact rubber seals will be considered a viable alternative to the double internal non-contact seals unless specifically excluded on the applicable engineering drawing and if the supplier provides a part number on each bearing indicating the type and seal employed. A copy of the manufacturing numbering scheme must be included with each shipment.

Substitutions – No substitutions are allowed without prior written consent from Dynetic Systems Inc. Engineering.

Exclusions – Fiber reinforced materials are specifically excluded. Any shipment of bearings containing fiber reinforced materials will be rejected.

Statement of Origin – All shipments of bearings must be accompanied by a signed statement of the country of origin of the bearings. Shipments of mixed sizes or types of bearings must contain statements of origin for each type or size.



Statement of conformity – A signed statement of conformity must accompany all shipments of bearings. Shipments of mixed sizes or types of bearings must contain statements of conformity for each type or size. The statement of conformity is to confirm that the bearings comply with the Engineering drawings supplied by and with the guidelines of this document. Specifically the statement of conformity will state the bearings are in compliance with the ABEC class required.

Inspection – All shipments of bearings received by Dynetic Systems Inc. will be inspected. Any shipment found not to contain the required statements of conformity and of origin will be rejected in their entirety. All shipments of bearings found not to comply with the applicable engineering drawing and the guide lines set forth in this document will be rejected in their entirety. All rejected shipments will be credited to Dynetic Systems Inc. without prejudice and without affecting delivery date commitments agreed upon between the vendor and Dynetic Systems Inc.

Part Numbering System – All present or potential suppliers of bearings to Dynetic Systems Inc. are required to submit a copy of their past numbering system to Dynetic Systems Inc. prior to and as a condition of Dynetic Systems Inc. placing an order from the vendor.

Acknowledgement of Receipt – Prior to placing an *initial* order with a bearing supplier, Dynetic Systems Inc. requires a representative of the vendor to submit a signed copy of this document to Dynetic Systems Inc. as an acknowledgement to the requirements set forth in this document.

Acknowledged:

Name:

Company:

Date:

Position: