

Introduction to Revised NSK Rolling Bearing Catalog



We want to thank you for your interest in this edition of our Rolling Bearing Catalog. It has been revised with our customers in mind, and we hope it fits your needs.

Recently, technology has been advancing at a remarkable pace, and with it has come a host of new products in many fields including computers, office automation, audio-visual equipment, medical equipment, and many others. Accordingly, rolling bearings, which are highly important machine elements, must be designed to satisfy increasingly stringent requirements for higher speeds, greater precision, higher reliability, and other challenging demands.

We edited this Rolling Bearing Catalog to reflect the growing number of NSK products, new developments, and technical progress. In it, you will find a wide range of bearings that will satisfy almost any requirement. This catalog was revised to reflect the growing number of NSK products and certain revisions in JIS and ISO and to better serve our customers. The first part contains general information about rolling bearings to facilitate selection of the most appropriate type. Next supplementary technical information is provided regarding bearing life, load ratings, limiting speeds, handling and mounting, lubrication, etc. Finally, the catalog presents extensive tables containing most bearing numbers and showing dimensions and pertinent design data listed in the order of increasing bore size. Data in the table are given in both the International Unit System (SI) and Engineering Unit System (Imperial System of Units).

We hope this catalog will allow you to select the optimum bearing for your application. However, if assistance is required, please contact NSK, and the company's engineers and computer programs can quickly supply the information you need.