

NSK precision angular contact ball bearings



NSK precision angular contact ball bearings are available in various series that can select the best specifications for different applications, It is most suitable for the applications of high vibration accuracy and high speed of rotating bodies such as machine tool spindles. Features: 1. The product lineup includes the basic series of ISO standards to the special series for machine tools. . 2. Angular contact ball bearings filled with grease and with sealing ring have been serialized. 3. Robust bearings of high-performance series, with a strong product lineup, including from high-rigidity series to ultra-high-speed series product.

1. Precision angular contact ball bearings (standard series) This is the basic series of ISO standard NSK precision angular contact ball bearings. Features: Long-life bearing steel (Z steel) is used as standard material. 70series, 79series, can also be equipped with The upper sealing ring increases the grease life to 1.5 times. Depending on the type, there are two types of cage super. High-speed angular contact ball bearings (Robust series)

2. This is the support developed by NSK, which is proud of the essence of material technology, evaluation technology and analysis technology. High-performance series of high-performance machine tools. In addition, the series of products with sealing ring, with their high performance and longevity characteristics can promote the improvement of the reliability of the machine tool, and the environmental protection performance is good, and it can contribute to energy saving offer. Features: Low heat and high speed. X-type products made of SHX material with excellent heat and abrasion resistance high speed and long life. According to different uses, different contact angles and ball material specifications have been established Grid's strong product lineup. Wide width sealing ring, compared with open bearing, grease life is increased to 1.7 times, to achieve a long life. Super High Speed Angular Contact Ball Bearing (Robust Series SpinShot II)

3. Pursuing the optimization of refueling, while achieving unprecedented muteness, a further ultra-high speed is achieved. Features: Using oil and gas lubrication, it can achieve 40,000 revolutions per minute on the NT#40 level. with the previous oil and gas lubrication Compared with sliding, the noise is reduced by about 3~5dB. Only use about one-half of the air charge of the previous oil and gas lubrication, that is, to achieve 40,000 revolutions per minute. Ultra High Precision Angular Contact Ball Bearings

