

**SNZC**  
SHANGNUO PRECISION BEARINGS

## 宁波上诺精密轴承有限公司

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SHANGNUO PRECISION BEARINGS

企业数字化  
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— LET DATA SPEAK FOR DEVICES

SHANGNUO  
PRECISION BEARINGS  
上诺精密轴承



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# COMPANY PROFILE

## 公司简介

宁波上铭精密轴承有限公司是一家专门生产微小型深沟球轴承的制造企业。公司位于浙江省慈溪市横河工业园区，离中国大港北仑港及宁波机场仅30公里，毗邻杭州湾跨海大桥南岸，紧靠余姚北高铁站，地理环境优越交通运输便捷。

公司拥有二十多条轴承生产线及各种先进的检验检测设备，技术力量雄厚严格按照ISO9001质量体系生产。主要产品为孔径3-50MM各种系列各种结构的开式和封闭式轴承。亦可根据客户要求研制生产各种非标准轴承。产品广泛应用于新能源汽车、电动工具、家用电器、摩托车、超静音电机、汽油发动机、园林工具、医疗器械等领域。

公司现年生产轴承超5000万套，产品主要销往美国、意大利、德国、韩国、香港、台湾、等国家和地区深受广大客户的好评。交货及时、价格合理、品质保证是我们对客户的承诺。热忱欢迎海内外客商前来我们公司洽谈和建立多种形式的合作关系，愿我们携手合作共进，共创辉煌！

Ningbo Shangnuo Precision Bearing Co., Ltd. is a manufacturer specializing in miniature deep groove ball bearings. Located in Henghe Industrial Park, Cixi City, Zhejiang Province, the company is only 30 kilometers from China's major port of Beilun and Ningbo Airport. It is adjacent to the south bank of the Hangzhou Bay Bridge and close to Yuyao North High-Speed Railway Station, offering convenient transportation. The company boasts over 20 bearing production lines and a variety of advanced inspection and testing equipment. With strong technical expertise, the company strictly adheres to the ISO9001 quality system. Its primary products include open and closed bearings in various series and structures with bore diameters ranging from 3-50mm. The company also develops and produces custom bearings to meet customer requirements. These bearings are widely used in new energy vehicles, power tools, household appliances, motorcycles, ultra-quiet motors, gasoline engines, garden tools, and medical equipment. The company currently produces over 50 million bearings annually, with products primarily exported to the United States, Italy, Germany, South Korea, Hong Kong, Taiwan, and other countries and regions, earning a high reputation among customers. Prompt delivery, reasonable pricing, and guaranteed quality are our commitment to our customers. We warmly welcome customers from home and abroad to come to our company to negotiate and establish various forms of cooperative relationships. We hope that we can work together to create brilliance!





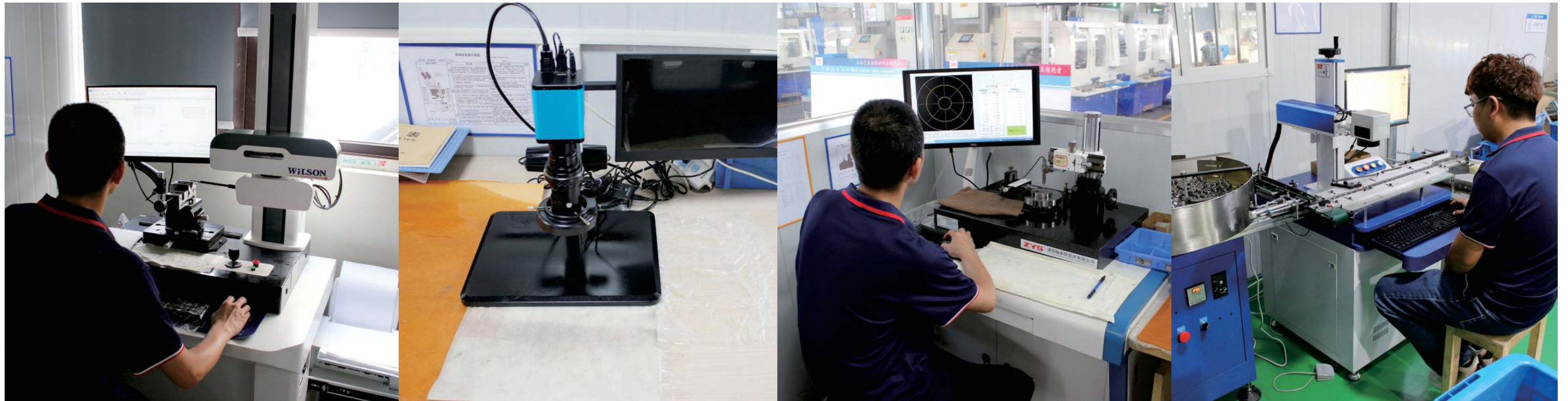
质量是上锱精密轴承成长与发展的根本,上锱精密轴承一直把提高产品质量,提高服务质量作为上锱精密轴承发展的长期策略。上锱精密轴承通过ISO9001:2000、ISO9001:2015质量体系认证,并长期坚持执行和改进。同时所有上锱生产的轴承符合RoHs & REACH指标。

Quality is the key point for the Shangnuo Precision Bearing's growth and development, which always regards the improvement of high quality and service as the long-term development strategy. Shangnuo has passed ISO9001: 2000,ISO9001: 2015, and will struggle for the Shangnuo in long term. meanwhile all bearings produced by Shangnuo conform to RoHs & Reach directives.

多年来公司坚定不移地走吸取国际行业先进技术与自主开发相结合的道路,融贯零缺陷的过程质量控制,为提高和稳定公司的品质提供了可靠的基础,当前公司拥有国际上先进的轴承生产设备和成熟的加工工艺,采用了真空热处理淬火,全自动精密磨床生产线、全自动装球合套仪和洁洗、烘干,加脂、压盖整套生产流水线。

Over the years, the company has steadfastly taken the road of absorbing advanced technology in the international industry and combining independent development, integrating zero defect process quality control, providing a reliable basis for improving and stabilizing the quality of the company. At present, the company has internationally advanced bearing production equipment and mature processing technology, using vacuum heat treatment and quenching. Automatic precision grinding machine production line, automatic ball filling and sleeve instrument and cleaning, drying, grease, capping complete production line.





## R&D TESTING 研发检测

上锆精密轴承致力于产品研究和开发,通过不断提升技术和制造,实现产品应用于长寿命、耐高温、高转速、低噪音的领域。

检测中心配备各种现代化测量设备,用于分析、评估、检测轴承。保证上锆精密轴承产品的质量稳定性。

Shangnuo Precision Bearing is committed to product research and development, through continuous improvement of technology and manufacturing, to achieve the application of products in the field of long life, high temperature resistance, high speed and low noise. The testing center is equipped with a variety of modern measuring equipment for analyzing, evaluating and inspecting bearings. Ensure the quality and stability of Shangnuo Precision Bearing products.



## 制造流程

切断  
Cut-off

车削  
Turning

热处理  
Heat treatment

精磨两端面  
Width grinding

精磨外圈  
Outside-diameter grinding

精磨沟  
Raceway grinding

精研沟  
Raceway super-grinding

切 断  
Cut-off

车 削  
Turning

热 处 理  
Heat treatment

精 磨 两 端 面  
Width grinding

精 磨 沟  
Raceway grinding

精 磨 内 径  
Inside diameter grinding

精 研 沟  
Raceway super-grinding

线材  
Steel wire

冲制粗环  
Cut-off

毛边磨削  
Burr grinding

热处理  
Heat treatment

粗磨  
Pre-grinding

精磨  
Grinding

精研  
Super-grinding

钢板  
Plate steel

冲离  
Compound  
punching

粗成型  
Pre-forming

成型  
Forming

冲孔  
Piercing

表面处理  
Surface treatment

The diagram illustrates a three-step maintenance process for bearings, shown from right to left:

- 清洗 (Cleaning):** Represented by a red icon of a brush. It shows a bearing being cleaned with a brush.
- 检查 (Inspection):** Represented by a red icon of a magnifying glass. It shows a bearing being inspected.
- 防锈 (Rust prevention):** Represented by a red icon of a shield with a checkmark. It shows a bearing being protected from rust.

Arrows indicate the sequence of steps: Cleaning → Inspection → Rust prevention.

## 轴承精度

|              |              |         |         |         |         |
|--------------|--------------|---------|---------|---------|---------|
| GB\T307.1    | P0           | P6      | P5      | P4      | P2      |
| ISO 492      | Normal class | Class 6 | Class 5 | Class 4 | Class 2 |
| JIS B 1514   | JIS 0级       | JIS 6级  | JIS 5级  | JIS 4级  | JIS 2级  |
| AFBMA STD.20 | ABEC-1       | ABEC-3  | ABEC-5  | ABEC-7  | ABEC-9  |

| 公差等级<br>Tolerances<br>Class | d<br>mm      |         | △dmp       |            | △ds        |            | Vdsp                    |     |       | Vdmp   | Kia | SD | Sia  | △BS        |            | VB5       |
|-----------------------------|--------------|---------|------------|------------|------------|------------|-------------------------|-----|-------|--------|-----|----|------|------------|------------|-----------|
|                             |              |         |            |            |            |            | 直径系列<br>Diameter series |     |       |        |     |    |      |            |            |           |
|                             |              |         |            |            |            |            | 9                       | 0、1 | 2、3、4 |        |     |    |      |            |            |           |
|                             | 超过<br>Exceed | 到<br>to | 上偏差<br>max | 下偏差<br>min | 上偏差<br>max | 下偏差<br>min | 最大 max                  |     |       | 最大 max |     |    |      | 上偏差<br>max | 下偏差<br>min | 最大<br>max |
| P0<br>(ABEC-1)              | 0.6          | 2.5     | 0          | -8         | /          | /          | 10                      | 8   | 6     | 6      | 10  | /  | /    | 0          | -40        | 12        |
|                             | 2.5          | 10      |            | -8         | /          | /          | 10                      | 8   | 6     | 6      | 10  | /  | /    |            | -120       | 15        |
|                             | 10           | 18      |            | -8         | /          | /          | 10                      | 8   | 6     | 6      | 10  | /  | /    |            | -120       | 20        |
|                             | 18           | 30      |            | -10        | /          | /          | 13                      | 10  | 8     | 8      | 13  | /  | /    |            | -120       | 20        |
|                             | 30           | 50      |            | -12        | /          | /          | 15                      | 12  | 9     | 9      | 15  | /  | /    |            | -120       | 20        |
|                             | 50           | 80      |            | -15        | /          | /          | 19                      | 19  | 11    | 11     | 20  | /  | /    |            | -150       | 25        |
| P6<br>(ABEC-3)              | 0.6          | 2.5     | 0          | -7         | /          | /          | 9                       | 7   | 5     | 5      | 5   | /  | /    | 0          | -40        | 12        |
|                             | 2.5          | 10      |            | -7         | /          | /          | 9                       | 7   | 5     | 5      | 6   | /  | /    |            | -120       | 15        |
|                             | 10           | 18      |            | -7         | /          | /          | 9                       | 7   | 5     | 5      | 7   | /  | /    |            | -120       | 20        |
|                             | 18           | 30      |            | -8         | /          | /          | 10                      | 8   | 6     | 6      | 8   | /  | /    |            | -120       | 20        |
|                             | 30           | 50      |            | -10        | /          | /          | 13                      | 10  | 8     | 8      | 10  | /  | /    |            | -120       | 20        |
|                             | 50           | 80      |            | -12        | /          | /          | 15                      | 15  | 9     | 9      | 10  | /  | /    |            | -150       | 25        |
| P5<br>(ABEC-5)              | 0.6          | 2.5     | 0          | -5         | /          | /          | 5                       | 4   |       | 3      | 4   | 7  | 7    | 0          | -40        | 5         |
|                             | 2.5          | 10      |            | -5         | /          | /          | 5                       | 4   |       | 3      | 4   | 7  | 7    |            | -40        | 5         |
|                             | 10           | 18      |            | -5         | /          | /          | 5                       | 4   |       | 3      | 4   | 7  | 7    |            | -80        | 5         |
|                             | 18           | 30      |            | -6         | /          | /          | 6                       | 5   |       | 3      | 4   | 8  | 8    |            | -120       | 5         |
|                             | 30           | 50      |            | -8         | /          | /          | 8                       | 6   |       | 4      | 5   | 8  | 8    |            | -120       | 5         |
|                             | 50           | 80      |            | -9         | /          | /          | 9                       | 7   |       | 5      | 5   | 8  | 8    |            | -150       | 6         |
| P4<br>(ABEC-7)              | 0.6          | 2.5     | 0          | -4         | 0          | -4         | 4                       | 3   |       | 2      | 2.5 | 3  | 3    | 0          | -40        | 2.5       |
|                             | 2.5          | 10      |            | -4         |            | 4          | 3                       |     | 2     | 2.5    | 3   | 3  | -40  |            | 2.5        |           |
|                             | 10           | 18      |            | -4         |            | 4          | 3                       |     | 2     | 2.5    | 3   | 3  | -80  |            | 2.5        |           |
|                             | 18           | 30      |            | -5         |            | 5          | 4                       |     | 2.5   | 3      | 4   | 4  | -120 |            | 2.5        |           |
|                             | 30           | 50      |            | -6         |            | 6          | 5                       |     | 3     | 4      | 4   | 4  | -120 |            | 3          |           |
|                             | 50           | 80      |            | -7         |            | 7          | 5                       |     | 3.5   | 4      | 5   | 5  | -150 |            | 4          |           |

 外圈成品 / outer ring tolerances (finished product)

Tolerance unit:  $\mu\text{m}$

| 公差等级<br>Tolerances<br>Class | D<br>mm      |         | △Dmp       |            | △Ds        |            | VDsp       |     |       |              | VDmp   | Kea | SD  | Sea | △CS                       |            | VCS       |                       |  |  |
|-----------------------------|--------------|---------|------------|------------|------------|------------|------------|-----|-------|--------------|--------|-----|-----|-----|---------------------------|------------|-----------|-----------------------|--|--|
|                             |              |         |            |            |            |            | 开型<br>Open |     |       | 闭型<br>Close  |        |     |     |     |                           |            |           |                       |  |  |
|                             |              |         |            |            |            |            | 9          | 0、1 | 2、3、4 | 0、1、2<br>3、4 |        |     |     |     |                           |            |           |                       |  |  |
|                             | 超过<br>Exceed | 到<br>to | 上偏差<br>max | 下偏差<br>min | 上偏差<br>max | 下偏差<br>min | 最大 max     |     |       |              | 最大 max |     |     |     | 上偏差<br>max                | 下偏差<br>min | 最大<br>max |                       |  |  |
| P0<br>(ABEC-1)              | 2.5          | 6       | 0          | -8         | /          | /          | 10         | 8   | 6     | 10           | 6      | 15  | /   | /   | 与同一轴承<br>内圈的<br>△Bs及VBs相同 |            |           |                       |  |  |
|                             | 6            | 18      |            | -8         | /          | /          | 10         | 8   | 6     | 10           | 6      | 15  | /   | /   |                           |            |           |                       |  |  |
|                             | 18           | 30      |            | -9         | /          | /          | 12         | 9   | 7     | 12           | 7      | 15  | /   | /   |                           |            |           |                       |  |  |
|                             | 30           | 50      |            | -11        | /          | /          | 14         | 11  | 8     | 16           | 8      | 20  | /   | /   |                           |            |           |                       |  |  |
|                             | 50           | 80      |            | -13        | /          | /          | 16         | 13  | 10    | 20           | 10     | 25  | /   | /   |                           |            |           |                       |  |  |
|                             | 80           | 120     |            | -15        | /          | /          | 19         | 19  | 11    | 26           | 11     | 35  | /   | /   |                           |            |           |                       |  |  |
| P6<br>(ABEC-3)              | 2.5          | 6       | 0          | -7         | /          | /          | 9          | 7   | 5     | 9            | 5      | 8   | /   | /   |                           |            |           | 与同一轴承<br>内圈的<br>△Bs相同 |  |  |
|                             | 6            | 18      |            | -7         | /          | /          | 9          | 7   | 5     | 9            | 5      | 8   | /   | /   |                           |            |           |                       |  |  |
|                             | 18           | 30      |            | -8         | /          | /          | 10         | 8   | 6     | 10           | 6      | 9   | /   | /   |                           |            |           |                       |  |  |
|                             | 30           | 50      |            | -9         | /          | /          | 11         | 9   | 7     | 13           | 7      | 10  | /   | /   |                           |            |           |                       |  |  |
|                             | 50           | 80      |            | -11        | /          | /          | 14         | 11  | 8     | 16           | 8      | 13  | /   | /   |                           |            |           |                       |  |  |
|                             | 80           | 120     |            | -13        | /          | /          | 16         | 16  | 10    | 20           | 10     | 18  | /   | /   |                           |            |           |                       |  |  |
| P5<br>(ABEC-5)              | 2.5          | 6       | 0          | -5         | /          | /          | 5          | 4   |       |              | 3      | 5   | 4   | 8   | 与同一轴承<br>内圈的<br>△Bs相同     |            |           |                       |  |  |
|                             | 6            | 18      |            | -5         | /          | /          | 5          | 4   |       |              | 3      | 5   | 4   | 8   |                           |            |           |                       |  |  |
|                             | 18           | 30      |            | -6         | /          | /          | 6          | 5   |       |              | 3      | 6   | 4   | 8   |                           |            |           |                       |  |  |
|                             | 30           | 50      |            | -7         | /          | /          | 7          | 5   |       |              | 4      | 7   | 4   | 8   |                           |            |           |                       |  |  |
|                             | 50           | 80      |            | -9         | /          | /          | 9          | 7   |       |              | 5      | 8   | 4   | 10  |                           |            |           |                       |  |  |
|                             | 80           | 120     |            | -10        | /          | /          | 10         | 8   |       |              | 5      | 10  | 4.5 | 11  |                           |            |           |                       |  |  |
| P4<br>(ABEC-7)              | 2.5          | 6       | 0          | -4         | 0          | -4         | 4          | 3   |       |              | 2      | 3   | 2   | 5   |                           |            |           | 与同一轴承<br>内圈的<br>△Bs相同 |  |  |
|                             | 6            | 18      |            | -4         |            | 4          | 3          |     |       | 2            | 3      | 2   | 5   |     |                           |            |           |                       |  |  |
|                             | 18           | 30      |            | -5         |            | 5          | 4          |     |       | 2.5          | 4      | 2   | 5   |     |                           |            |           |                       |  |  |
|                             | 30           | 50      |            | -6         |            | 6          | 5          |     |       | 3            | 5      | 2   | 5   |     |                           |            |           |                       |  |  |
|                             | 50           | 80      |            | -7         |            | 7          | 5          |     |       | 3.5          | 5      | 2   | 5   |     |                           |            |           |                       |  |  |
|                             | 80           | 120     |            | -8         |            | 8          | 6          |     |       | 4            | 6      | 2.5 | 6   |     |                           |            |           |                       |  |  |

小型球轴承（D≥9，d<10）、微型轴承（D<9）的径向游隙。  
Radial internal clearance of small (D≥9, d<10) and miniature (D<9) bearing

| 游隙代号<br>Clearance mark | MC1 |     | MC2 |     | MC3 |     | MC4 |     | MC5 |     | MC6 |     |
|------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| 游 隙                    | min | max | min | max | min | max | min | max | min | max | min | max |
|                        | 0   | 5   | 3   | 8   | 5   | 10  | 8   | 13  | 13  | 20  | 20  | 28  |

备注：标准游隙为MC3/Note:Standard clearance is MC3

 电机轴承径向游隙 / Radial clearance of motor bearing

unit:  $\mu\text{m}$

| 内径<br>Inner diameter<br>d (mm) |         | 游隙<br>Clearance<br>CM |            |
|--------------------------------|---------|-----------------------|------------|
| 超过<br>over                     | 到<br>To | 最大<br>Min.            | 最小<br>Min. |
| 2.5                            | 10      | 3                     | 10         |
| 10                             | 18      | 4                     | 11         |
| 18                             | 30      | 5                     | 12         |
| 30                             | 50      | 9                     | 17         |
| 50                             | 80      | 12                    | 22         |

 深沟球轴承的径向游隙 / Nominal bearing inner diameter

unit:  $\mu\text{m}$

| 公称轴承内径<br>Nominal bearing<br>inner diameter<br>d (mm) |         | 径 向 游 隙<br>Radial clearance |     |        |     |     |     |     |     |     |     |
|-------------------------------------------------------|---------|-----------------------------|-----|--------|-----|-----|-----|-----|-----|-----|-----|
|                                                       |         | C2                          |     | CN(C0) |     | C3  |     | C4  |     | C5  |     |
| 超过<br>Exceed                                          | 到<br>To | min                         | max | min    | max | min | max | min | max | min | max |
| 2.5                                                   | 6       | 0                           | 7   | 2      | 13  | 8   | 23  | -   | -   | -   | -   |
| 6                                                     | 10      | 0                           | 7   | 2      | 13  | 8   | 23  | 14  | 29  | 20  | 37  |
| 10                                                    | 18      | 0                           | 9   | 3      | 18  | 11  | 25  | 18  | 33  | 25  | 45  |
| 18                                                    | 24      | 0                           | 10  | 5      | 20  | 13  | 28  | 20  | 36  | 28  | 48  |
| 24                                                    | 30      | 1                           | 11  | 5      | 20  | 13  | 28  | 23  | 41  | 30  | 53  |
| 30                                                    | 40      | 1                           | 11  | 6      | 20  | 15  | 33  | 28  | 46  | 40  | 64  |
| 40                                                    | 50      | 1                           | 11  | 6      | 23  | 18  | 36  | 30  | 51  | 45  | 73  |
| 50                                                    | 65      | 1                           | 15  | 8      | 28  | 23  | 43  | 38  | 61  | 55  | 90  |
| 65                                                    | 80      | 1                           | 15  | 10     | 30  | 25  | 51  | 46  | 71  | 65  | 105 |
| 80                                                    | 100     | 1                           | 18  | 12     | 36  | 30  | 58  | 53  | 84  | 75  | 120 |




 润滑油脂一览表 / GREASE DATA SHEET

| 制造厂<br>Manufacturer | 牌号<br>Brand              | 增稠剂<br>Viscosity   | 基油<br>Base oil                                | 锥入度<br>Cone Penetration | 使用温度范围<br>Opprating<br>temperature<br>range °C | 选用原则<br>Selection criteria                                  |
|---------------------|--------------------------|--------------------|-----------------------------------------------|-------------------------|------------------------------------------------|-------------------------------------------------------------|
| Klueber             | Staburags NBU12          | 钡基<br>(Barium)     | 矿物<br>(Mineral)                               | 245~275                 | -15~+140                                       | 常温脂<br>normal temperature grease                            |
|                     | Isoflex NBU15            | 钡基<br>(Barium)     | 双酯-矿物<br>(Diester Mineral)                    | 265~295                 | -40~+130                                       | 常温脂<br>normal temperature grease                            |
|                     | Asonic GLY32             | 锂基<br>(Lithium)    | 合成油<br>(Synthetic oil)                        | 265~295                 | -50~+140                                       | 低温脂<br>Low-temperture grease                                |
|                     | Asonic GLY72             | Polyhamstoff       | 酯类合成油<br>(Ester Synthetic oil)                | 250~280                 | -40~+180                                       | 高温低噪音<br>high temperature low noise                         |
|                     | Barrierta L55/2          | 聚四氟乙烯<br>(PTFE)    | 氟化油<br>(Fluoinated)                           | 265~295                 | -40~+260                                       | 高、低温<br>high-low temperature grease                         |
|                     | Kluberquiet BQH72-102    | 聚尿<br>(Polyurea)   | 酯<br>(Ester)                                  | 250~280                 | -40~+180                                       | 高、低温和低噪音脂<br>high-low temperature and low noise grease      |
|                     | Asonic HQ72-102          | 聚尿<br>(Polyurea)   | 酯<br>(Ester)                                  | 250~280                 | -40~+180                                       | 高、低温和低噪音脂<br>high-low temperature and low noise grease      |
|                     | Petamo GHY133            | 聚尿<br>(Polyurea)   | 合成矿油<br>(Synthetic Mineral oil)               | 250~280                 | -25~+150                                       | 常温脂<br>normal temperature grease                            |
|                     | ISOFLEX LDS 18 Special A | 锂基<br>(Lithium)    | 酯-矿物<br>(Ester Mineral)                       | 265~295                 | -50~+120                                       | 低温脂<br>Low-temperture grease                                |
|                     | ISOFLEX PDL 300A         | 锂基<br>(Lithium)    | 酯<br>(Ester)                                  | 280~320                 | -70~+110                                       | 低温脂<br>Low-temperture grease                                |
| Kyodo Yushi         | Multemp SRL              | 锂基<br>(Lithium)    | 酯<br>(Ester)                                  | 250                     | -50~+150                                       | 低噪音脂<br>low noise grease                                    |
|                     | Multemp Ps2              | 锂基<br>(Lithium)    | 双酯+合成烃<br>(Diester mineral oil)               | 275                     | -50~+130                                       | 低温脂<br>Low-temperture grease                                |
|                     | Multemp LT 2             | 锂基<br>(Lithium)    | 双酯<br>(Diester oil)                           | 280                     | -60~+130                                       | 低温脂<br>Low-temperture grease                                |
|                     | Multemp SRH              | 锂基<br>(Lithium)    | 多元醇酯<br>(Polyolester)                         | 250                     | -40~+150                                       | 低噪音脂<br>low noise grease                                    |
|                     | Multemp SB-M             | 聚尿<br>(Polyurea)   | 合成烃油<br>(mineral oil)                         | 220                     | -40~+200                                       | 高温高速脂<br>high temperature high speed grease                 |
|                     | Multemp ET-K             | 聚尿<br>(Polyurea)   | 聚苯醚+多元醇酯<br>(Polyphenylene ether Polyolester) | 300                     | -40~+200                                       | 高温高速交流发电脂<br>high temperature high speed alternators grease |
|                     | RAREMAX SUPER N          | 聚尿<br>(Polyurea)   | 矿物-合成油<br>(Mineral Synthetic oil)             | 255                     | -40~+180                                       | 常温脂<br>normal temperature grease                            |
| Mobil               | Mobil 28                 | 膨润土<br>(Bentonite) | 合成碳氢<br>(Synthetic hydrocarbon)               | 265~320                 | -54~+177                                       | 高、低温<br>high-low temperature grease                         |
|                     | Mobil XHP 222            | 锂基<br>(Lithium)    | 矿物<br>(Mineral)                               | 280                     | -30~+140                                       | 常温脂<br>normal temperature grease                            |
|                     | Beacon 325               | 锂基<br>(Lithium)    | 双酯<br>(Diester)                               | 285                     | -54~+120                                       | 低温脂<br>Low-temperture grease                                |
|                     | Polyrex EM               | 双聚尿<br>(Diurea)    | 矿物<br>(Mineral)                               | 284                     | -40~+180                                       | 高温低噪音<br>high temperature low noise                         |



| 制造厂<br>Manufacturer | 牌号<br>Brand            | 增稠剂<br>Viscosity   | 基油<br>Base oil                    | 锥入度<br>Cone Penetration | 使用温度范围<br>Opprating<br>temperature<br>range °C | 选用原则<br>Selection criteria             |
|---------------------|------------------------|--------------------|-----------------------------------|-------------------------|------------------------------------------------|----------------------------------------|
| Mobil               | Polyrex Ep2            | 聚尿<br>(Urea)       | 矿物<br>(Mineral)                   | 280                     | -40~+180                                       | 高温低噪音<br>high temperature low noise    |
|                     | UNIREX N2              | 锂皂复合基<br>(Lithium) | 矿物<br>(Mineral)                   | 280                     | -40~+180                                       | 高温低噪音<br>high temperature low noise    |
|                     | UNIREX N3              | 锂皂复合基<br>(Lithium) | 矿物<br>(Mineral)                   | 235                     | -40~+180                                       | 高温低噪音<br>high temperature low noise    |
| Shell               | Gadus S2 V100Q 2(RLQ2) | 锂基<br>(Lithium)    | 矿物<br>(Mineral)                   | 265~295                 | -30~+135                                       | 低噪音、高速脂<br>low noise、high speed grease |
|                     | Gadus S2 V100 2(RL2)   | 锂基<br>(Lithium)    | 矿物<br>(Mineral)                   | 265~295                 | -25~+130                                       | 常温脂<br>normal temperature grease       |
|                     | Gadus S2 V100 3(RL3)   | 锂基<br>(Lithium)    | 矿物<br>(Mineral)                   | 220~250                 | -20~+130                                       | 常温脂<br>normal temperature grease       |
|                     | Gadus S2 V220 2(EP2)   | 锂基<br>(Lithium)    | 矿物<br>(Mineral)                   | 265~295                 | -20~+120                                       | 常温脂<br>normal temperature grease       |
|                     | Aero shell No.7        | Microgel           | 矿物<br>(Mineral)                   | 288                     | -73~+149                                       | 低温脂<br>Low-temperture grease           |
|                     |                        |                    |                                   |                         |                                                |                                        |
| Dow Corning         | Molykote 33M           | 锂基<br>(Lithium)    | 硅油<br>(Silicone)                  | 280                     | -73~+204                                       | 高、低温<br>high-low temperature grease    |
|                     | Molykote 44M           | 锂基<br>(Lithium)    | 硅油<br>(Silicone)                  | 240~280                 | -40~+200                                       | 高温脂<br>high temperature grease         |
| Chevron             | Chevron SRI-2          | 聚尿<br>(Urea)       | 矿物<br>(Mineral)                   | 280                     | -30~+177                                       | 高温脂<br>high temperature grease         |
| Sinopec Lubricant   | Hangu2                 | 锂基<br>(Lithium)    | 矿物<br>(Mineral)                   | 280                     | -10~+130                                       | 低噪音脂<br>low noise grease               |
| CHL                 | WF1#                   | 锂基<br>(Lithium)    | 矿物+合成油<br>(Mineral+Synthetic oil) | 265                     | -30~+130                                       | 低噪音<br>low noise                       |
|                     | WF2#                   | 聚尿<br>(Diurea)     | 矿物+合成油<br>(Mineral+Synthetic oil) | 235                     | -40~+180                                       | 高温高速<br>high temperature high speed    |
|                     | WF3#                   | 聚尿<br>(Diurea)     | 合成油<br>(Synthetic oil)            | 235                     | -45~+180                                       | 高温低噪音<br>high temperature low noise    |
| SUMICO              | NR430                  | 锂基<br>(Lithium)    | 酯(Ester)                          | 250                     | -50~+150                                       | 低噪音脂<br>low noise grease               |
|                     | NR450                  | 锂基<br>(Lithium)    | 酯(Ester)                          | 231                     | -50~+150                                       | 低噪音脂<br>low noise grease               |
|                     | NR460                  | 锂基<br>(Lithium)    | 酯+醚类<br>(Ester+Etheers)           | 233                     | -40~+160                                       | 低噪音脂<br>low noise grease               |
| Others              | SBR                    | 锂基<br>(Lithium)    | 矿物<br>(Mineral)                   | 265                     | -30~+130                                       | 低噪音脂<br>low noise grease               |
|                     | 342X                   | 锂脲<br>(Li-soap)    | 矿物油+合成烃<br>(Mineral+Pao)          | 265                     | -40~+130                                       | 低噪音脂<br>low noise grease               |
|                     | TURMOGREASE N 1502     | 聚尿<br>(Diurea)     | 酯油+合成烃<br>(Ester+Pao)             | 265~295                 | -50~+160                                       | 高温脂<br>high temperature grease         |
|                     | DUS                    | 聚尿<br>(Diurea)     | 矿物+合成油<br>(Mineral+Synthetic oil) | 245                     | -40~+180                                       | 高温低噪音<br>high temperature low noise    |
|                     | SUK                    | 聚尿<br>(Diurea)     | 合成油<br>(Synthetic oil)            | 245                     | -45~+180                                       | 高温低噪音<br>high temperature low noise    |

60 系列轴承参数表 / 60 SERIES

| 轴承型号<br>Bearing NO. |                      |                    | 额定负荷 (kN)<br>Load Rating |       | 极限转速 (rpm)<br>Limiting Speed |           |                      | 外形尺寸 (mm)<br>Boundary dimensions |         |         |              | 重量<br>Weight |
|---------------------|----------------------|--------------------|--------------------------|-------|------------------------------|-----------|----------------------|----------------------------------|---------|---------|--------------|--------------|
| 开式<br>open          | 带防尘盖<br>with shields | 带密封圈<br>with seals | Cr                       | Cor   | 脂润滑 Grease                   |           | 油润滑<br>open.<br>Z.ZZ | 内径<br>d                          | 外径<br>D | 宽度<br>B | 装配倒角<br>rmin | Open<br>(kg) |
|                     |                      |                    |                          |       | RS.2RS                       | Open.Z.ZZ |                      |                                  |         |         |              |              |
| 604                 | 604-zz               | 604-2RS            | 0.97                     | 0.36  | 43000                        | 48000     | 56000                | 4                                | 12      | 4       | 0.2          | 0.0029       |
| 605                 | 605-zz               | 605-2RS            | 1.33                     | 0.55  | 38000                        | 40000     | 50000                | 5                                | 14      | 5       | 0.2          | 0.005        |
| 606                 | 606-zz               | 606-2RS            | 1.51                     | 0.74  | 34000                        | 38000     | 45000                | 6                                | 17      | 6       | 0.3          | 0.006        |
| 607                 | 607-zz               | 607-2RS            | 2.22                     | 0.91  | 32000                        | 36000     | 43000                | 7                                | 19      | 6       | 0.3          | 0.007        |
| 608                 | 608-zz               | 608-2RS            | 3.32                     | 1.38  | 28000                        | 34000     | 40000                | 8                                | 22      | 7       | 0.3          | 0.012        |
| 609                 | 609-zz               | 609-2RS            | 3.35                     | 1.40  | 24000                        | 32000     | 34000                | 9                                | 24      | 7       | 0.3          | 0.016        |
| 6000                | 6000-zz              | 6000-2RS           | 4.58                     | 1.98  | 22000                        | 31000     | 36000                | 10                               | 26      | 8       | 0.3          | 0.019        |
| 6001                | 6001-zz              | 6001-2RS           | 5.10                     | 2.38  | 18000                        | 28000     | 32000                | 12                               | 28      | 8       | 0.3          | 0.021        |
| 6002                | 6002-zz              | 6002-2RS           | 5.58                     | 2.85  | 15000                        | 24000     | 28000                | 15                               | 32      | 9       | 0.3          | 0.026        |
| 6003                | 6003-zz              | 6003-2RS           | 6.00                     | 3.25  | 13000                        | 22000     | 26000                | 17                               | 35      | 10      | 0.3          | 0.039        |
| 6004                | 6004-zz              | 6004-2RS           | 9.38                     | 5.02  | 11000                        | 18000     | 20000                | 20                               | 42      | 12      | 0.6          | 0.069        |
| 6005                | 6005-zz              | 6005-2RS           | 10.06                    | 5.67  | 9500                         | 15000     | 18000                | 25                               | 47      | 12      | 0.6          | 0.075        |
| 6006                | 6006-zz              | 6006-2RS           | 13.20                    | 8.25  | 8000                         | 13000     | 15000                | 30                               | 55      | 13      | 1.0          | 0.09         |
| 6007                | 6007-zz              | 6007-2RS           | 16.20                    | 10.30 | 6700                         | 11000     | 13000                | 35                               | 62      | 14      | 1.0          | 0.1          |
| 6008                | 6008-zz              | 6008-2RS           | 17.00                    | 11.80 | 6000                         | 10000     | 12000                | 40                               | 68      | 15      | 1.0          | 0.19         |
| 6009                | 6009-zz              | 6009-2RS           | 21.00                    | 14.80 | 5600                         | 9000      | 11000                | 45                               | 75      | 16      | 1.0          | 0.24         |
| 6010                | 6010-zz              | 6010-2RS           | 22.00                    | 16.20 | 5000                         | 8500      | 10000                | 50                               | 80      | 16      | 1.0          | 0.26         |
| 60/22               | 60/22-zz             | 60/22-2RS          | 9.40                     | 5.05  | 10000                        | 13000     | 17000                | 22                               | 44      | 12      | 0.6          | 0.074        |
| 60/28               | 60/28-zz             | 60/28-2RS          | 12.50                    | 7.40  | 8400                         | 10000     | 14000                | 28                               | 52      | 12      | 0.6          | 0.096        |
| 60/32               | 60/32-zz             | 60/32-2RS          | 15.10                    | 8.15  | 7200                         | 8700      | 12000                | 32                               | 58      | 13      | 1.0          | 0.122        |

62 系列轴承参数表 / 62 SERIES

| 轴承型号<br>Bearing NO. |                      |                    | 额定负荷 (kN)<br>Load Rating |       | 极限转速 (rpm)<br>Limiting Speed |           |                      | 外形尺寸 (mm)<br>Boundary dimensions |         |         |              | 重量<br>Weight |
|---------------------|----------------------|--------------------|--------------------------|-------|------------------------------|-----------|----------------------|----------------------------------|---------|---------|--------------|--------------|
| 开式<br>open          | 带防尘盖<br>with shields | 带密封圈<br>with seals | Cr                       | Cor   | 脂润滑 Grease                   |           | 油润滑<br>open.<br>Z.ZZ | 内径<br>d                          | 外径<br>D | 宽度<br>B | 装配倒角<br>rmin | Open<br>(kg) |
|                     |                      |                    |                          |       | RS.2RS                       | Open.Z.ZZ |                      |                                  |         |         |              |              |
| 624                 | 624-zz               | 624-2RS            | 1.16                     | 0.40  | 38000                        | 40000     | 48000                | 4                                | 13      | 5       | 0.2          | 0.003        |
| 625                 | 625-zz               | 625-2RS            | 1.47                     | 0.60  | 32000                        | 36000     | 43000                | 5                                | 16      | 5       | 0.3          | 0.005        |
| 626                 | 626-zz               | 626-2RS            | 2.20                     | 0.91  | 30000                        | 32000     | 40000                | 6                                | 19      | 6       | 0.3          | 0.008        |
| 627                 | 627-zz               | 627-2RS            | 3.32                     | 1.38  | 28000                        | 30000     | 36000                | 7                                | 22      | 7       | 0.3          | 0.014        |
| 628                 | 628-zz               | 628-2RS            | 3.35                     | 1.40  | 24000                        | 28000     | 34000                | 8                                | 24      | 8       | 0.3          | 0.016        |
| 629                 | 629-zz               | 629-2RS            | 4.45                     | 1.95  | 22000                        | 28000     | 34000                | 9                                | 26      | 8       | 0.3          | 0.02         |
| 6200                | 6200-zz              | 6200-2RS           | 5.10                     | 2.38  | 18000                        | 24000     | 30000                | 10                               | 30      | 9       | 0.6          | 0.03         |
| 6201                | 6201-zz              | 6201-2RS           | 6.82                     | 3.05  | 17000                        | 22000     | 28000                | 12                               | 32      | 10      | 0.6          | 0.036        |
| 6202                | 6202-zz              | 6202-2RS           | 7.65                     | 3.75  | 14000                        | 20000     | 24000                | 15                               | 35      | 11      | 0.6          | 0.045        |
| 6203                | 6203-zz              | 6203-2RS           | 9.85                     | 4.78  | 12000                        | 17000     | 20000                | 17                               | 40      | 12      | 0.6          | 0.065        |
| 6204                | 6204-zz              | 6204-2RS           | 12.84                    | 6.20  | 11000                        | 15000     | 18000                | 20                               | 47      | 14      | 1.0          | 0.105        |
| 6205                | 6205-zz              | 6205-2RS           | 14.01                    | 6.98  | 9000                         | 13000     | 15000                | 25                               | 52      | 15      | 1.0          | 0.125        |
| 6206                | 6206-zz              | 6206-2RS           | 19.50                    | 11.30 | 7500                         | 11000     | 13000                | 30                               | 62      | 16      | 1.0          | 0.205        |
| 6207                | 6207-zz              | 6207-2RS           | 25.70                    | 15.30 | 6300                         | 9500      | 11000                | 35                               | 72      | 17      | 1.1          | 0.284        |
| 6208                | 6208-zz              | 6208-2RS           | 29.51                    | 18.14 | 5600                         | 8500      | 10000                | 40                               | 80      | 18      | 1.1          | 0.366        |
| 6209                | 6209-zz              | 6209-2RS           | 31.50                    | 20.40 | 5300                         | 7500      | 9000                 | 45                               | 85      | 19      | 1.1          | 0.42         |
| 6210                | 6210-zz              | 6210-2RS           | 35.00                    | 23.20 | 4800                         | 7100      | 8500                 | 50                               | 90      | 20      | 1.1          | 0.459        |
| 62/22               | 62/22-zz             | 62/22-2RS          | 12.90                    | 6.65  | 9700                         | 12000     | 14000                | 22                               | 50      | 14      | 1.0          | 0.119        |
| 62/28               | 62/28-zz             | 62/28-2RS          | 17.90                    | 9.75  | 8100                         | 9700      | 12000                | 28                               | 58      | 16      | 1.0          | 0.175        |
| 62/32               | 62/32-zz             | 62/32-2RS          | 20.70                    | 11.60 | 7100                         | 8400      | 11000                | 32                               | 65      | 17      | 1.0          | 0.225        |

63 系列轴承参数表 / 63 SERIES

| 轴承型号<br>Bearing NO. |                      |                    | 额定负荷 (kN)<br>Load Rating |       | 极限转速 (rpm)<br>Limiting Speed |           |                      | 外形尺寸 (mm)<br>Boundary dimensions |         |         |              | 重量<br>Weight |
|---------------------|----------------------|--------------------|--------------------------|-------|------------------------------|-----------|----------------------|----------------------------------|---------|---------|--------------|--------------|
| 开式<br>open          | 带防尘盖<br>with shields | 带密封圈<br>with seals | Cr                       | Cor   | 脂润滑 Grease                   |           | 油润滑<br>open.<br>Z.ZZ | 内径<br>d                          | 外径<br>D | 宽度<br>B | 装配倒角<br>rmin | Open<br>(kg) |
|                     |                      |                    |                          |       | RS.2RS                       | Open.Z.ZZ |                      |                                  |         |         |              |              |
| 634                 | 634-zz               | 634-2RS            | 0.73                     | 0.67  | 32000                        | 36000     | 43000                | 4                                | 16      | 5       | 0.3          | 0.005        |
| 635                 | 635-zz               | 635-2RS            | 2.28                     | 1.08  | 30000                        | 32000     | 40000                | 5                                | 19      | 6       | 0.3          | 0.008        |
| 636                 | 636-zz               | 636-2RS            | 3.30                     | 1.37  | 28000                        | 30000     | 36000                | 6                                | 22      | 7       | 0.3          | 0.014        |
| 637                 | 637-zz               | 637-2RS            | 4.55                     | 1.95  | 22000                        | 28000     | 34000                | 7                                | 26      | 9       | 0.3          | 0.025        |
| 638                 | 638-zz               | 638-2RS            | 4.55                     | 1.95  | 22000                        | 28000     | 34000                | 8                                | 28      | 9       | 0.3          | 0.029        |
| 639                 | 639-zz               | 639-2RS            | 5.10                     | 2.38  | 20000                        | 24000     | 30000                | 9                                | 28      | 10      | 0.6          | 0.036        |
| 6300                | 6300-zz              | 6300-2RS           | 7.65                     | 3.48  | 17000                        | 22000     | 26000                | 10                               | 35      | 11      | 0.6          | 0.049        |
| 6301                | 6301-zz              | 6301-2RS           | 9.72                     | 4.23  | 16000                        | 20000     | 24000                | 12                               | 37      | 12      | 1.0          | 0.059        |
| 6302                | 6302-zz              | 6302-2RS           | 11.50                    | 5.42  | 13000                        | 17000     | 20000                | 15                               | 42      | 13      | 1.0          | 0.082        |
| 6303                | 6303-zz              | 6303-2RS           | 13.56                    | 6.56  | 11000                        | 15000     | 18000                | 17                               | 47      | 14      | 1.0          | 0.109        |
| 6304                | 6304-zz              | 6304-2RS           | 15.93                    | 7.81  | 10000                        | 14000     | 17000                | 20                               | 52      | 15      | 1.1          | 0.142        |
| 6305                | 6305-zz              | 6305-2RS           | 22.40                    | 11.50 | 8000                         | 11000     | 13000                | 25                               | 62      | 17      | 1.1          | 0.229        |
| 6306                | 6306-zz              | 6306-2RS           | 26.70                    | 15.00 | 6700                         | 9500      | 12000                | 30                               | 72      | 19      | 1.1          | 0.34         |
| 6307                | 6307-zz              | 6307-2RS           | 33.50                    | 19.20 | 6000                         | 8500      | 10000                | 35                               | 80      | 21      | 1.5          | 0.464        |
| 6308                | 6308-zz              | 6308-2RS           | 40.50                    | 24.00 | 5300                         | 7500      | 9000                 | 40                               | 90      | 23      | 1.5          | 0.636        |
| 6309                | 6309-zz              | 6309-2RS           | 53.00                    | 32.00 | 4800                         | 6700      | 8000                 | 45                               | 100     | 25      | 1.5          | 0.829        |
| 6310                | 6310-zz              | 6310-2RS           | 62.00                    | 38.50 | 4300                         | 6000      | 7500                 | 50                               | 110     | 27      | 2.0          | 1.06         |
| 63/22               | 63/22-zz             | 63/22-2RS          | 18.40                    | 9.25  | 9200                         | 11000     | 13000                | 22                               | 56      | 16      | 1.1          | 0.179        |
| 63/28               | 63/28-zz             | 63/28-2RS          | 26.70                    | 14.00 | 7400                         | 8900      | 11000                | 28                               | 68      | 18      | 1.1          | 0.287        |
| 63/32               | 63/32-zz             | 63/32-2RS          | 29.80                    | 16.90 | 6500                         | 7700      | 9500                 | 32                               | 75      | 20      | 1.1          | 0.389        |

67 系列轴承参数表 / 67 SERIES

| 轴承型号<br>Bearing NO. |                      |                    | 额定负荷 (kN)<br>Load Rating |      | 极限转速 (rpm)<br>Limiting Speed |           |                      | 外形尺寸 (mm)<br>Boundary dimensions |         |      |        |              |
|---------------------|----------------------|--------------------|--------------------------|------|------------------------------|-----------|----------------------|----------------------------------|---------|------|--------|--------------|
| 开式<br>open          | 带防尘盖<br>with shields | 带密封圈<br>with seals | Cr                       | Cor  | 脂润滑 Grease                   |           | 油润滑<br>open.<br>Z.ZZ | 内径<br>d                          | 外径<br>D | 宽度 B |        | 装配倒角<br>rmin |
|                     |                      |                    |                          |      | RS.2RS                       | Open.Z.ZZ |                      |                                  |         | open | zz.2RS |              |
| 6700                | 6700-ZZ              | 6700-2RS           | 572                      | 304  | -                            | -         | -                    | 10                               | 15      | 3    | 4      | 0.1          |
| 6701                | 6701-ZZ              | 6701-2RS           | 935                      | 527  | -                            | -         | -                    | 12                               | 18      | 4    | 4      | 0.2          |
| 6702                | 6702-ZZ              | 6702-2RS           | 870                      | 499  | -                            | -         | -                    | 15                               | 21      | 4    | 4      | 0.2          |
| 6703                | 6703-ZZ              | 6703-2RS           | 930                      | 640  | -                            | -         | -                    | 17                               | 23      | 4    | 4      | 0.2          |
| 6704                | 6704-ZZ              | 6704-2RS           | 1040                     | 558  | -                            | -         | -                    | 20                               | 27      | 4    | 4      | 0.2          |
| 6705                | 6705-ZZ              | 6705-2RS           | 1090                     | 840  | -                            | -         | -                    | 25                               | 32      | 4    | 4      | 0.2          |
| 6706                | 6706-ZZ              | 6706-2RS           | 1140                     | 950  | -                            | -         | -                    | 30                               | 37      | 4    | 4      | 0.2          |
| 6707                | 6707-ZZ              | 6707-2RS           | 1850                     | 1630 | -                            | -         | -                    | 35                               | 44      | 5    | 5      | 0.3          |
| 6708                | 6708-ZZ              | 6708-2RS           | 2510                     | 2230 | -                            | -         | -                    | 40                               | 50      | 6    | 6      | 0.3          |
| 6709                | 6709-ZZ              | 6709-2RS           | 2570                     | 2400 | -                            | -         | -                    | 45                               | 55      | 6    | 6      | 0.3          |
| 6710                | 6710-ZZ              | 6710-2RS           | 2660                     | 2630 | -                            | -         | -                    | 50                               | 62      | 6    | 6      | 0.3          |

 68 系列轴承参数表 / 68 SERIES

| 轴承型号<br>Bearing NO. |                      |                    | 额定负荷 (kN)<br>Load Rating |       | 极限转速 (rpm)<br>Limiting Speed |           |                      | 外形尺寸 (mm)<br>Boundary dimensions |         |         |              | 重量<br>Weight |
|---------------------|----------------------|--------------------|--------------------------|-------|------------------------------|-----------|----------------------|----------------------------------|---------|---------|--------------|--------------|
| 开式<br>open          | 带防尘盖<br>with shields | 带密封圈<br>with seals | Cr                       | Cor   | 脂润滑 Grease                   |           | 油润滑<br>open.<br>Z.ZZ | 内径<br>d                          | 外径<br>D | 宽度<br>B | 装配倒角<br>rmin | Open<br>(kg) |
|                     |                      |                    |                          |       | RS.2RS                       | Open.Z.ZZ |                      |                                  |         |         |              |              |
| 685                 | 685-zz               | 685-2RS            | 0.715                    | 0.281 | 40000                        | 45000     | 53000                | 5                                | 11      | 3/5     | 0.15         | 0.0019       |
| 686                 | 686-zz               | 686-2RS            | 1.08                     | 0.44  | 38000                        | 40000     | 50000                | 6                                | 13      | 3.5/5   | 0.15         | 0.0026       |
| 687                 | 687-zz               | 687-2RS            | 1.17                     | 0.51  | 34000                        | 40000     | 45000                | 7                                | 14      | 3.5/5   | 0.15         | 0.0029       |
| 688                 | 688-zz               | 688-2RS            | 1.33                     | 0.65  | 28000                        | 36000     | 43000                | 8                                | 16      | 4/5     | 0.2          | 0.004        |
| 689                 | 689-zz               | 689-2RS            | 1.60                     | 0.73  | 24000                        | 36000     | 43000                | 9                                | 17      | 4/5     | 0.2          | 0.0044       |
| 61800               | 61800-zz             | 61800-2RS          | 1.60                     | 0.75  | 22000                        | 34000     | 40000                | 10                               | 19      | 5       | 0.3          | 0.005        |
| 61801               | 61801-zz             | 61801-2RS          | 1.92                     | 1.04  | 20000                        | 32000     | 38000                | 12                               | 21      | 5       | 0.3          | 0.007        |
| 61802               | 61802-zz             | 61802-2RS          | 2.07                     | 1.18  | 17000                        | 28000     | 34000                | 15                               | 24      | 5       | 0.3          | 0.008        |
| 61803               | 61803-zz             | 61803-2RS          | 2.18                     | 1.28  | 15000                        | 26000     | 30000                | 17                               | 26      | 5       | 0.3          | 0.008        |
| 61804               | 61804-zz             | 61804-2RS          | 3.45                     | 2.25  | 13000                        | 22000     | 26000                | 20                               | 32      | 7       | 0.3          | 0.02         |
| 61805               | 61805-zz             | 61805-2RS          | 3.70                     | 2.65  | 10000                        | 18000     | 22000                | 25                               | 37      | 7       | 0.3          | 0.022        |
| 61806               | 61806-zz             | 61806-2RS          | 4.04                     | 3.14  | 9000                         | 15000     | 18000                | 30                               | 42      | 7       | 0.3          | 0.026        |
| 61807               | 61807-zz             | 61807-2RS          | 4.27                     | 3.59  | 7500                         | 14000     | 16000                | 35                               | 47      | 7       | 0.3          | 0.03         |
| 61808               | 61808-zz             | 61808-2RS          | 6.35                     | 5.55  | 6700                         | 12000     | 14000                | 40                               | 52      | 7       | 0.3          | 0.034        |
| 61809               | 61809-zz             | 61809-2RS          | 6.57                     | 5.88  | 6000                         | 11000     | 13000                | 45                               | 58      | 7       | 0.3          | 0.04         |
| 61810               | 61810-zz             | 61810-2RS          | 6.40                     | 5.80  | 5300                         | 9500      | 11000                | 50                               | 65      | 7       | 0.3          | 0.057        |

 69 系列轴承参数表 / 69 SERIES

| 轴承型号<br>Bearing NO. |                      |                    | 额定负荷 (kN)<br>Load Rating |       | 极限转速 (rpm)<br>Limiting Speed |           |                      | 外形尺寸 (mm)<br>Boundary dimensions |         |         |              | 重量<br>Weight |
|---------------------|----------------------|--------------------|--------------------------|-------|------------------------------|-----------|----------------------|----------------------------------|---------|---------|--------------|--------------|
| 开式<br>open          | 带防尘盖<br>with shields | 带密封圈<br>with seals | Cr                       | Cor   | 脂润滑 Grease                   |           | 油润滑<br>open.<br>Z.ZZ | 内径<br>d                          | 外径<br>D | 宽度<br>B | 装配倒角<br>rmin | Open<br>(kg) |
|                     |                      |                    |                          |       | RS.2RS                       | Open.Z.ZZ |                      |                                  |         |         |              |              |
| 693                 | 693-zz               | 693-2RS            | 0.560                    | 0.179 | 55000                        | 60000     | 67000                | 3                                | 8       | 3/4     | 0.15         | 0.00083      |
| 694                 | 694-zz               | 694-2RS            | 0.960                    | 0.345 | 43000                        | 48000     | 56000                | 4                                | 11      | 4       | 0.15         | 0.00175      |
| 695                 | 695-zz               | 695-2RS            | 1.07                     | 0.42  | 40000                        | 43000     | 50000                | 5                                | 13      | 4       | 0.2          | 0.0025       |
| 696                 | 696-zz               | 696-2RS            | 1.47                     | 0.60  | 34000                        | 40000     | 45000                | 6                                | 15      | 5       | 0.3          | 0.0043       |
| 697                 | 697-zz               | 697-2RS            | 1.61                     | 0.71  | 30000                        | 36000     | 43000                | 7                                | 17      | 5       | 0.3          | 0.0048       |
| 698                 | 698-zz               | 698-2RS            | 2.22                     | 0.91  | 30000                        | 36000     | 43000                | 8                                | 19      | 6       | 0.3          | 0.0068       |
| 699                 | 699-zz               | 699-2RS            | 2.48                     | 1.09  | 24000                        | 34000     | 40000                | 9                                | 20      | 6       | 0.3          | 0.0085       |
| 61900               | 61900-zz             | 61900-2RS          | 2.70                     | 1.27  | 22000                        | 32000     | 38000                | 10                               | 22      | 6       | 0.3          | 0.011        |
| 61901               | 61901-zz             | 61901-2RS          | 2.89                     | 1.46  | 20000                        | 30000     | 36000                | 12                               | 24      | 6       | 0.3          | 0.013        |
| 61902               | 61902-zz             | 61902-2RS          | 4.32                     | 2.25  | 17000                        | 26000     | 30000                | 15                               | 28      | 7       | 0.3          | 0.016        |
| 61903               | 61903-zz             | 61903-2RS          | 4.58                     | 2.56  | 15000                        | 24000     | 28000                | 17                               | 30      | 7       | 0.3          | 0.018        |
| 61904               | 61904-zz             | 61904-2RS          | 6.38                     | 3.68  | 12000                        | 19000     | 22000                | 20                               | 37      | 9       | 0.3          | 0.036        |
| 61905               | 61905-zz             | 61905-2RS          | 6.65                     | 4.20  | 10000                        | 16000     | 19000                | 25                               | 42      | 9       | 0.3          | 0.042        |
| 61906               | 61906-zz             | 61906-2RS          | 7.25                     | 5.00  | 8500                         | 14000     | 17000                | 30                               | 47      | 9       | 0.3          | 0.049        |
| 61907               | 61907-zz             | 61907-2RS          | 8.00                     | 5.67  | 7500                         | 12000     | 15000                | 35                               | 55      | 10      | 0.6          | 0.086        |
| 61908               | 61908-zz             | 61908-2RS          | 13.02                    | 9.21  | 6300                         | 11000     | 13000                | 40                               | 62      | 12      | 0.6          | 0.112        |
| 61909               | 61909-zz             | 61909-2RS          | 14.10                    | 10.90 | 5600                         | 9500      | 12000                | 45                               | 68      | 12      | 0.6          | 0.126        |
| 61910               | 61910-zz             | 61910-2RS          | 14.50                    | 11.70 | 5300                         | 9000      | 11000                | 50                               | 72      | 12      | 0.6          | 0.135        |

6200 系列轴承参数表 / 6200 SERIES

| 轴承型号<br>Bearing NO. |                      |                    | 额定负荷 (kN)<br>Load Rating |       | 极限转速 (rpm)<br>Limiting Speed |           |                      | 外形尺寸 (mm)<br>Boundary dimensions |         |         |              |
|---------------------|----------------------|--------------------|--------------------------|-------|------------------------------|-----------|----------------------|----------------------------------|---------|---------|--------------|
| 开式<br>open          | 带防尘盖<br>with shields | 带密封圈<br>with seals | Cr                       | Cor   | 脂润滑 Grease                   |           | 油润滑<br>open.<br>Z.ZZ | 内径<br>d                          | 外径<br>D | 宽度<br>B | 装配倒角<br>rmin |
|                     |                      |                    |                          |       | RS.2RS                       | Open.Z.ZZ |                      |                                  |         |         |              |
| 62000               | 62000-zz             | 62000-2RS          | 4.45                     | 1.95  | 22000                        | 30000     | 36000                | 10                               | 26      | 10      | 0.3          |
| 62001               | 62001-zz             | 62001-2RS          | 5.10                     | 2.38  | 18000                        | 28000     | 32000                | 12                               | 28      | 10      | 0.3          |
| 62200               | 62200-zz             | 62200-2RS          | 5.10                     | 2.38  | 18000                        | 24000     | 30000                | 10                               | 30      | 14      | 0.6          |
| 62201               | 62201-zz             | 62201-2RS          | 6.82                     | 3.05  | 17000                        | 22000     | 28000                | 12                               | 32      | 14      | 0.6          |
| 62202               | 62202-zz             | 62202-2RS          | 7.65                     | 3.75  | 14000                        | 20000     | 24000                | 15                               | 35      | 14      | 0.6          |
| 62203               | 62203-zz             | 62203-2RS          | 9.58                     | 4.78  | 12000                        | 17000     | 20000                | 17                               | 40      | 16      | 0.6          |
| 62204               | 62204-zz             | 62204-2RS          | 12.84                    | 6.20  | 11000                        | 15000     | 18000                | 20                               | 47      | 18      | 1.0          |
| 62205               | 62205-zz             | 62205-2RS          | 14.01                    | 6.98  | 9000                         | 13000     | 15000                | 25                               | 52      | 18      | 1.0          |
| 62206               | 62206-zz             | 62206-2RS          | 19.50                    | 11.30 | 7500                         | 11000     | 13000                | 30                               | 62      | 20      | 1.0          |
| 62207               | 62207-zz             | 62207-2RS          | 25.70                    | 15.30 | 6300                         | 9500      | 11000                | 35                               | 72      | 23      | 1.1          |
| 62208               | 62208-zz             | 62208-2RS          | 29.51                    | 18.14 | 5600                         | 8500      | 10000                | 40                               | 80      | 23      | 1.1          |
| 62209               | 62209-zz             | 62209-2RS          | 31.50                    | 20.40 | 5300                         | 7500      | 9000                 | 45                               | 85      | 23      | 1.1          |
| 62210               | 62210-zz             | 62210-2RS          | 35.00                    | 23.20 | 4800                         | 7100      | 8500                 | 50                               | 90      | 23      | 1.1          |

16 系列轴承参数表 / 16 SERIES

| 轴承型号<br>Bearing NO. |                      |                    | 额定负荷 (kN)<br>Load Rating |       | 极限转速 (rpm)<br>Limiting Speed |           |                      | 外形尺寸 (mm)<br>Boundary dimensions |         |         |              |
|---------------------|----------------------|--------------------|--------------------------|-------|------------------------------|-----------|----------------------|----------------------------------|---------|---------|--------------|
| 开式<br>open          | 带防尘盖<br>with shields | 带密封圈<br>with seals | Cr                       | Cor   | 脂润滑 Grease                   |           | 油润滑<br>open.<br>Z.ZZ | 内径<br>d                          | 外径<br>D | 宽度<br>B | 装配倒角<br>rmin |
|                     |                      |                    |                          |       | RS.2RS                       | Open.Z.ZZ |                      |                                  |         |         |              |
| 16100               | 16100-zz             | 16100-2RS          | 5.10                     | 2.38  | 17000                        | 24000     | 28000                | 10                               | 28      | 8       | 0.3          |
| 16101               | -                    | -                  | 4.03                     | 1.98  | -                            | 20000     | 26000                | 12                               | 28      | 7       | 0.3          |
| 16002               | -                    | -                  | 5.58                     | 2.85  | -                            | 19000     | 24000                | 15                               | 32      | 8       | 0.3          |
| 16003               | -                    | -                  | 6.00                     | 3.25  | -                            | 18000     | 22000                | 17                               | 35      | 8       | 0.3          |
| 16004               | -                    | -                  | 6.34                     | 3.76  | -                            | 16000     | 19000                | 20                               | 42      | 8       | 0.6          |
| 16005               | -                    | -                  | 9.50                     | 5.76  | -                            | 13000     | 17000                | 25                               | 47      | 8       | 0.6          |
| 16006               | -                    | -                  | 9.94                     | 6.55  | -                            | 11000     | 14000                | 30                               | 55      | 9       | 1.0          |
| 16007               | -                    | -                  | 12.20                    | 8.85  | -                            | 9500      | 12000                | 35                               | 62      | 9       | 1.0          |
| 16008               | -                    | -                  | 12.60                    | 9.65  | -                            | 9000      | 11000                | 40                               | 68      | 9       | 1.0          |
| 16009               | -                    | -                  | 14.90                    | 11.40 | -                            | 8500      | 10000                | 45                               | 75      | 10      | 1.0          |
| 16010               | -                    | -                  | 15.40                    | 12.40 | -                            | 8000      | 9500                 | 50                               | 80      | 10      | 1.0          |

 R 系列轴承参数表 / R SERIES

| 轴承型号<br>Bearing NO. |                      |                    | 额定负荷 (kN)<br>Load Rating |      | 极限转速 (rpm)<br>Limiting Speed |                      | 外形尺寸 (mm)<br>Boundary dimensions |         |                 |              |
|---------------------|----------------------|--------------------|--------------------------|------|------------------------------|----------------------|----------------------------------|---------|-----------------|--------------|
| 开式<br>open          | 带防尘盖<br>with shields | 带密封圈<br>with seals | Cr                       | Cor  | 脂润滑 Grease                   | 油润滑<br>open.<br>Z.ZZ | 内径<br>d                          | 外径<br>D | 宽度 B<br>(开式/闭式) | 装配倒角<br>rmin |
| R2A                 | R2A-zz               | R2A-2RS            | 0.64                     | 0.23 | 56000                        | 67000                | 3.175                            | 12.7    | 3.969/4.366     | 0.15         |
| R3                  | R3-zz                | R3-2RS             | 1.07                     | 0.42 | 43000                        | 50000                | 4.762                            | 12.7    | 3.969/4.978     | 0.15         |
| R4                  | R4-zz                | R4-2RS             | 1.47                     | 0.60 | 38000                        | 45000                | 6.35                             | 15.875  | 4.978/4.978     | 0.3          |
| R4A                 | R4A-zz               | R4A-2RS            | 2.22                     | 0.91 | 36000                        | 43000                | 6.35                             | 19.05   | 5.556/7.144     | 0.3          |
| R6                  | R6-zz                | R6-2RS             | 3.35                     | 1.40 | 32000                        | 38000                | 9.525                            | 22.225  | 5.556/7.144     | 0.3          |
| R8                  | R8-zz                | R8-2RS             | 5.10                     | 2.38 | 26000                        | 32000                | 12.7                             | 28.575  | 6.35/7.938      | 0.3          |
| R10                 | R10-zz               | R10-2RS            | 6.00                     | 3.25 | 22000                        | 26000                | 15.875                           | 34.925  | 7.144/8.731     | 0.6          |
| R12                 | R12-zz               | R12-2RS            | 9.38                     | 5.02 | 17000                        | 19000                | 19.05                            | 41.275  | 7.938/11.112    | 0.6          |
| R14                 | R14-zz               | R14-2RS            | 10.06                    | 5.67 | 13000                        | 17000                | 22.225                           | 47.625  | 9.525/12.7      | 0.6          |
| R16                 | R16-zz               | R16-2RS            | 10.06                    | 5.67 | 12000                        | 16000                | 25.4                             | 50.8    | 9.525/12.7      | 0.6          |

 F 系列轴承参数表 / F SERIES

| 轴承型号<br>Bearing No. | 内径<br>(d) | 外径<br>(D) | 法兰外径<br>(D1) |       | 宽度<br>(B) |       | 法兰宽度<br>(C) |       | 基本额定<br>动负荷<br>Cr (N) | 基本额定<br>静负荷<br>Cor (N) | 极限转速 (rpm)<br>Limiting Speed |            |
|---------------------|-----------|-----------|--------------|-------|-----------|-------|-------------|-------|-----------------------|------------------------|------------------------------|------------|
|                     |           |           | open         | ZZ2Rs | open      | ZZ2Rs | open        | ZZ2Rs |                       |                        | 脂润滑<br>Grease                | 油润滑<br>Oil |
| F694zz              | 4         | 11        | 12.5         |       | 4         | 4     | 1           | 1     | 957                   | 350                    | 44000                        | 49000      |
| F604zz              | 4         | 12        | 13.5         |       | 4         | 4     | 1           | 1     | 957                   | 350                    | 41000                        | 46000      |
| F624zz              | 4         | 13        | 15           |       | 5         | 5     | 1           | 1     | 1301                  | 488                    | 39000                        | 44000      |
| F634zz              | 4         | 16        | 18           |       | 5         | 5     | 1           | 1     | 1340                  | 523                    | 33000                        | 37000      |
| F695zz              | 5         | 13        | 15           |       | 4         | 4     | 1           | 1     | 1077                  | 432                    | 37000                        | 41000      |
| F605zz              | 5         | 14        | 16           |       | 5         | 5     | 1           | 1     | 1329                  | 507                    | 35000                        | 39000      |
| F625zz              | 5         | 16        | 18           |       | 5         | 5     | 1           | 1     | 1729                  | 675                    | 31000                        | 35000      |
| F635zz              | 5         | 19        | 22           |       | 6         | 6     | 1.5         | 1.5   | 2336                  | 896                    | 28000                        | 31000      |
| F696zz              | 6         | 15        | 17           |       | 5         | 5     | 1.2         | 1.2   | 1340                  | 523                    | 31000                        | 35000      |
| F606zz              | 6         | 17        | 19           |       | 6         | 6     | 1.2         | 1.2   | 2263                  | 846                    | 29000                        | 32000      |
| F626zz              | 6         | 19        | 22           |       | 6         | 6     | 1.5         | 1.5   | 2336                  | 896                    | 26000                        | 30000      |
| MF117zz             | 7         | 11        | 12.2         |       | 2.5       | 3     | 0.6         | 0.6   | 455                   | 202                    | 37000                        | 41000      |
| MF137zz             | 7         | 13        | 14.2         | 14.6  | 3         | 4     | 0.6         | 0.8   | 541                   | 276                    | 33000                        | 37000      |
| F687zz              | 7         | 14        | 16           |       | 3.5       | 5     | 1           | 1.1   | 1173                  | 513                    | 31000                        | 35000      |
| F697zz              | 7         | 17        | 19           |       | 5         | 5     | 1.2         | 1.2   | 1605                  | 719                    | 28000                        | 31000      |
| F607zz              | 7         | 19        | 22           |       | 6         | 6     | 1.5         | 1.5   | 2336                  | 896                    | 25000                        | 28000      |
| F627zz              | 7         | 22        | 25           |       | 7         | 7     | 1.5         | 1.5   | 3287                  | 1376                   | 23000                        | 26000      |
| MF128zz             | 8         | 12        | 13.2         | 13.6  | 2.5       | 3.5   | 0.6         | 0.8   | 543                   | 274                    | 33000                        | 37000      |
| MF148zz             | 8         | 14        | 15.6         |       | 3.5       | 4     | 0.8         | 0.8   | 817                   | 386                    | 30000                        | 34000      |
| F688zz              | 8         | 16        | 22           |       | 4         | 5     | 1           | 1.1   | 1252                  | 592                    | 28000                        | 31000      |
| F698zz              | 8         | 19        | 25           |       | 6         | 6     | 1.5         | 1.5   | 2237                  | 917                    | 24000                        | 27000      |
| F608zz              | 8         | 22        | 22           |       | 7         | 7     | 1.5         | 1.5   | 3293                  | 1379                   | 22000                        | 25000      |
| F689zz              | 9         | 17        | 19           |       | 4         | 4     | 1           | 1.1   | 1327                  | 668                    | 25000                        | 28000      |
| F699zz              | 9         | 20        | 23           |       | 6         | 6     | 1.5         | 1.5   | 2467                  | 1081                   | 23000                        | 26000      |
| F609zz              | 9         | 24        | 27           |       | 7         | 7     | 1.5         | 1.5   | 3350                  | 1400                   | 20000                        | 22000      |
| F6800zz             | 10        | 19        | 21           |       | 5         | 5     | 1           | 1     | 1700                  | 800                    | 23000                        | 26000      |
| F6900zz             | 10        | 22        | 25           |       | 6         | 6     | 1.5         | 1.5   | 2611                  | 1223                   | 21000                        | 23000      |
| F6000zz             | 10        | 26        | 28           |       | 8         | 8     | 2           | 2     | 4580                  | 1980                   | 20000                        | 28000      |
| F6801zz             | 12        | 21        | 28           |       | 5         | 5     | 0.8         | 1     | 1911                  | 1041                   | 20000                        | 22000      |
| F6901zz             | 12        | 24        | 26.5         |       | 6         | 6     | 1           | 1.5   | 2831                  | 1411                   | 18000                        | 21000      |

MR 系列轴承参数表 / MR SERIES

| 轴承型号<br>Bearing NO. |                      |                    | 额定负荷<br>(kN)<br>Load Rating |      | 极限转速 (rpm)<br>Limiting Speed |                      | 外形尺寸 (mm)<br>Boundary dimensions |         |                 |              |
|---------------------|----------------------|--------------------|-----------------------------|------|------------------------------|----------------------|----------------------------------|---------|-----------------|--------------|
| 开式<br>open          | 带防尘盖<br>with shields | 带密封圈<br>with seals | Cr                          | Cor  | 脂润滑 Grease                   | 油润滑<br>open.<br>Z.ZZ | 内径<br>d                          | 外径<br>D | 宽度 B<br>(开式/闭式) | 装配倒角<br>rmin |
| MR104               | MR104-zz             | MR104-2RS          | 710                         | 270  | 50000                        | 60000                | 4                                | 10      | 3/4             | 0.20         |
| MR105               | MR105-zz             | MR105-2RS          | 430                         | 168  | 50000                        | 60000                | 5                                | 10      | 3/4             | 0.15         |
| MR115               | MR115-zz             | MR115-2RS          | 715                         | 276  | 43000                        | 50000                | 5                                | 11      | 4/4             | 0.15         |
| MR106               | MR106-zz             | MR106-2RS          | 495                         | 218  | 45000                        | 53000                | 6                                | 10      | 2.5/3           | 0.15         |
| MR126               | MR126-zz             | MR126-2RS          | 715                         | 292  | 43000                        | 50000                | 6                                | 12      | 3/4             | 0.2          |
| MR117               | MR117-zz             | MR117-2RS          | 455                         | 201  | 43000                        | 50000                | 7                                | 11      | 2.5/3           | 0.15         |
| MR137               | MR137-zz             | MR137-2RS          | 540                         | 276  | 40000                        | 48000                | 7                                | 13      | 3/4             | 0.2          |
| MR128               | MR128-zz             | MR128-2RS          | 545                         | 274  | 40000                        | 48000                | 8                                | 12      | 2.5/3.5         | 0.15         |
| MR148               | MR148-zz             | MR148-2RS          | 820                         | 385  | 32000                        | 43000                | 8                                | 14      | 3.5/4           | 0.2          |
| -                   | MR15267-zz           | MR15267-2RS        | 3050                        | 1660 | 26000                        | 30000                | 15                               | 26      | 7               | 0.3          |
| -                   | MR15268-zz           | MR15268-2RS        | 3050                        | 1660 | 26000                        | 30000                | 15                               | 26      | 8               | 0.3          |
| -                   | MR16267-zz           | MR16267-2RS        | 2180                        | 1280 | 24000                        | 28000                | 16                               | 26      | 7               | 0.3          |
| -                   | MR15307-zz           | MR15307-2RS        | 4300                        | 2320 | 24000                        | 28000                | 15                               | 30      | 7               | 0.3          |
| -                   | MR18307-zz           | MR18307-2RS        | 4300                        | 2320 | 24000                        | 28000                | 18                               | 30      | 7               | 0.2          |
| -                   | MR16287-zz           | MR16287-2RS        | 3200                        | 1860 | 24000                        | 28000                | 16                               | 28      | 7               | 0.2          |
| -                   | MR17287-zz           | MR17287-2RS        | 3200                        | 1860 | 24000                        | 28000                | 17                               | 28      | 7               | 0.2          |
| -                   | MR2437-zz            | MR2437-2RS         | 5200                        | 3450 | 17000                        | 20000                | 24                               | 37      | 7               | 0.3          |
| -                   | MR2237E-zz           | MR2237E-2RS        | 6360                        | 3710 | 12000                        | 15000                | 24                               | 37      | 外8/内11.5        | 0.3          |

深沟球轴承振动加速度级限值 / Vibration acceleration level limit of deep groove ball bearing

| 单个轴承振动加速度级 (dB) 不超过 |     |       |    |    |    |    |       |    |    |    |    |       |    |    |    |    |
|---------------------|-----|-------|----|----|----|----|-------|----|----|----|----|-------|----|----|----|----|
| 轴承公称外径<br>D (mm)    |     | 0直径系列 |    |    |    |    | 2直径系列 |    |    |    |    | 3直径系列 |    |    |    |    |
| >                   | ≤   | Z     | Z1 | Z2 | Z3 | Z4 | Z     | Z1 | Z2 | Z3 | Z4 | Z     | Z1 | Z2 | Z3 | Z4 |
| 10                  | 15  | 36    | 33 | 30 | 27 | 24 | 36    | 33 | 30 | 27 | 24 | 41    | 37 | 33 | 29 | 25 |
| 15                  | 20  | 37    | 34 | 31 | 28 | 25 | 37    | 34 | 31 | 28 | 25 | 42    | 38 | 34 | 30 | 26 |
| 20                  | 25  | 38    | 35 | 32 | 29 | 26 | 40    | 37 | 33 | 29 | 26 | 43    | 39 | 33 | 31 | 27 |
| 25                  | 30  | 39    | 36 | 33 | 30 | 27 | 41    | 38 | 34 | 30 | 27 | 44    | 40 | 36 | 31 | 27 |
| 30                  | 40  | 41    | 38 | 35 | 32 | 29 | 42    | 39 | 36 | 33 | 30 | 46    | 42 | 38 | 33 | 29 |
| 40                  | 50  | 43    | 40 | 37 | 34 | 31 | 44    | 41 | 38 | 35 | 32 | 48    | 44 | 40 | 35 | 31 |
| 50                  | 60  | 45    | 42 | 39 | 36 | 33 | 46    | 43 | 40 | 37 | 34 | 50    | 46 | 42 | 37 | 33 |
| 60                  | 70  | 48    | 45 | 42 | 38 | 35 | 49    | 46 | 42 | 39 | 36 | 52    | 48 | 44 | 39 | 35 |
| 70                  | 80  | 50    | 47 | 44 | 40 | 37 | 51    | 48 | 44 | 41 | 38 | 54    | 50 | 46 | 41 | 37 |
| 80                  | 90  | 52    | 49 | 46 | 42 | 39 | 53    | 50 | 46 | 43 | 40 | 57    | 53 | 48 | 43 | 39 |
| 90                  | 100 | 54    | 51 | 48 | 44 | 41 | 55    | 52 | 48 | 45 | 42 | 59    | 55 | 50 | 45 | 41 |
| 100                 | 110 | 56    | 53 | 50 | 46 | 43 | 58    | 54 | 50 | 47 | 44 | 61    | 57 | 52 | 47 | 43 |
| 110                 | 120 | 58    | 55 | 52 | 48 | 45 | 60    | 56 | 52 | 49 | 46 | 63    | 59 | 54 | 49 | 45 |

深沟球轴承振动速度级限值 / Vibration speed level limit of deep groove ball bearings

| 轴承公称外径<br>D (mm) |     | V    |     |     | V1  |     |     | V2  |     |     | V3  |    |     | V4  |    |     |
|------------------|-----|------|-----|-----|-----|-----|-----|-----|-----|-----|-----|----|-----|-----|----|-----|
| >                | ≤   | L    | M   | H   | L   | M   | H   | L   | M   | H   | L   | M  | H   | L   | M  | H   |
| mm               |     | μm/s |     |     |     |     |     |     |     |     |     |    |     |     |    |     |
| 10               | 15  | 110  | 60  | 60  | 80  | 40  | 40  | 55  | 28  | 28  | 40  | 18 | 18  | 28  | 12 | 12  |
| 15               | 20  | 145  | 70  | 70  | 110 | 50  | 50  | 65  | 30  | 30  | 45  | 18 | 18  | 32  | 12 | 12  |
| 20               | 25  | 185  | 85  | 95  | 120 | 55  | 60  | 80  | 35  | 35  | 52  | 20 | 20  | 35  | 12 | 12  |
| 25               | 30  | 225  | 100 | 125 | 145 | 65  | 75  | 95  | 40  | 45  | 60  | 25 | 25  | 38  | 15 | 15  |
| 30               | 40  | 265  | 120 | 170 | 170 | 75  | 100 | 110 | 50  | 65  | 70  | 32 | 35  | 45  | 20 | 20  |
| 40               | 50  | 310  | 140 | 220 | 195 | 90  | 130 | 125 | 60  | 85  | 80  | 38 | 50  | 50  | 25 | 30  |
| 50               | 60  | 360  | 160 | 270 | 225 | 105 | 165 | 145 | 70  | 105 | 90  | 45 | 65  | 55  | 30 | 40  |
| 60               | 70  | 410  | 185 | 320 | 255 | 120 | 200 | 165 | 80  | 125 | 105 | 52 | 80  | 65  | 35 | 50  |
| 70               | 80  | 460  | 210 | 370 | 285 | 135 | 235 | 185 | 90  | 145 | 120 | 60 | 95  | 75  | 40 | 60  |
| 80               | 90  | 510  | 240 | 430 | 320 | 155 | 270 | 205 | 100 | 170 | 135 | 68 | 110 | 85  | 45 | 70  |
| 90               | 100 | 560  | 270 | 490 | 355 | 175 | 310 | 225 | 110 | 195 | 150 | 75 | 125 | 95  | 50 | 80  |
| 100              | 110 | 610  | 300 | 550 | 390 | 195 | 350 | 250 | 120 | 220 | 165 | 82 | 140 | 105 | 55 | 90  |
| 110              | 120 | 660  | 330 | 610 | 425 | 125 | 390 | 275 | 130 | 245 | 180 | 90 | 155 | 115 | 60 | 100 |

Stainless steel bearing

Series 不锈钢轴承系列

STAINLESS STEEL BEARING



- 1、出色的耐腐蚀性:不锈钢轴承的耐腐蚀性是非常的好的,有着极强的耐腐蚀性,它不容易生锈的,是一个不错的产品。
- 2、能够水洗:大家都了解很多的钢材类的物品在水洗以后都是会生锈的,但是不锈钢轴承能够水洗,并且在洗后能够不用再重新上润滑油。
- 3、能够在液体中运行:基本上的材料都是避免在液体中使用的,因为在液体中使用久了,基本上的都是会发生腐蚀、生锈的情况。但是不锈钢轴承是能够在液体中使用的,因为不锈钢所使用的原材料是能够在液体中运行的。
- 4、卫生:由于他的耐腐蚀性能好,所以不锈钢一直都能保持很干净的状态。
- 5、有很高的耐热能力:它能够在比较高的温度范围内进行正常的运行工作,因为不锈钢轴承装有高温聚合物笼。
- 6、枯竭速度是较慢的:不锈钢轴承在使用中并不需要油或者润滑油的保护,所以在速度和运载低的情况下是完全无需润滑的。

1. Excellent Corrosion Resistance: Stainless steel bearings have excellent corrosion resistance and are extremely resistant to rust, making them a highly desirable product.
2. Washable: Many steel items will rust after washing, but stainless steel bearings are washable and do not require relubrication.
3. Liquid-Suitable: Most materials are generally avoided for use in liquids, as they will corrode and rust over time. However, stainless steel bearings can operate in liquids because the raw materials used in stainless steel are compatible with such conditions.
4. Hygienic: Due to its excellent corrosion resistance, stainless steel can remain clean at all times.
5. High Heat Resistance: Stainless steel bearings can operate normally in a relatively high temperature range because they are equipped with a high-temperature polymer cage.
6. Slow Drying: Stainless steel bearings do not require oil or lubricant for protection, so they can be completely lubricated at low speeds and loads.