

# 淄博宁泰陶瓷材料有限公司

Zibo Ningtai Ceramic Materials Co., Ltd

## 向心轴承公差（圆锥滚子轴承除外）内圈 普通级

Radial bearing tolerance(not include tapered roller bearing) inner ring P0 Standard

极限偏差和公差值单位为微米 limited deviation & tolerance unit:  $\mu\text{m}$

| d<br>mm |        | ${}^t\triangle_{\text{dmp}}$ |      | ${}^tV_{\text{dsp}}$ |      |         | ${}^tV_{\text{dmp}}$ | ${}^tK_{\text{ia}}$ | ${}^t\triangle_{\text{Bs}}$ |              |               | ${}^tV_{\text{Bs}}$ |
|---------|--------|------------------------------|------|----------------------|------|---------|----------------------|---------------------|-----------------------------|--------------|---------------|---------------------|
|         |        |                              |      | 直径系列 dia. series     |      |         |                      |                     | 全部<br>all                   | 正常<br>normal | 修正<br>correct |                     |
| $>$     | $\leq$ | U                            | L    | 9                    | 0, 1 | 2, 3, 4 |                      |                     | U                           | L            |               |                     |
| ——      | 0.6    | 0                            | -8   | 10                   | 8    | 6       | 6                    | 10                  | 0                           | -40          | ——            | 12                  |
| 0.6     | 2.5    | 0                            | -8   | 10                   | 8    | 6       | 6                    | 10                  | 0                           | -40          | ——            | 12                  |
| 2.5     | 10     | 0                            | -8   | 10                   | 8    | 6       | 6                    | 10                  | 0                           | -120         | -250          | 15                  |
| 10      | 18     | 0                            | -8   | 10                   | 8    | 6       | 6                    | 10                  | 0                           | -120         | -250          | 20                  |
| 18      | 30     | 0                            | -10  | 13                   | 10   | 8       | 8                    | 13                  | 0                           | -120         | -250          | 20                  |
| 30      | 50     | 0                            | -12  | 15                   | 12   | 9       | 9                    | 15                  | 0                           | -120         | -250          | 20                  |
| 50      | 80     | 0                            | -15  | 19                   | 19   | 11      | 11                   | 20                  | 0                           | -150         | -380          | 25                  |
| 80      | 120    | 0                            | -20  | 25                   | 25   | 15      | 15                   | 25                  | 0                           | -200         | -380          | 25                  |
| 120     | 180    | 0                            | -25  | 31                   | 31   | 19      | 19                   | 30                  | 0                           | -250         | -500          | 30                  |
| 180     | 250    | 0                            | -30  | 38                   | 38   | 23      | 23                   | 40                  | 0                           | -300         | -500          | 30                  |
| 250     | 315    | 0                            | -35  | 44                   | 44   | 26      | 26                   | 50                  | 0                           | -350         | -500          | 35                  |
| 315     | 400    | 0                            | -40  | 50                   | 50   | 30      | 30                   | 60                  | 0                           | -400         | -630          | 40                  |
| 400     | 500    | 0                            | -45  | 56                   | 56   | 34      | 34                   | 65                  | 0                           | -450         | ——            | 50                  |
| 500     | 630    | 0                            | -50  | 63                   | 63   | 38      | 38                   | 70                  | 0                           | -500         | ——            | 60                  |
| 630     | 800    | 0                            | -75  | ——                   | ——   | ——      | ——                   | 80                  | 0                           | -750         | ——            | 70                  |
| 800     | 1000   | 0                            | -100 | ——                   | ——   | ——      | ——                   | 90                  | 0                           | -1000        | ——            | 80                  |
| 1000    | 1250   | 0                            | -125 | ——                   | ——   | ——      | ——                   | 100                 | 0                           | -1250        | ——            | 100                 |
| 1250    | 1600   | 0                            | -160 | ——                   | ——   | ——      | ——                   | 120                 | 0                           | -1600        | ——            | 120                 |
| 1600    | 2000   | 0                            | -200 | ——                   | ——   | ——      | ——                   | 140                 | 0                           | -2000        | ——            | 140                 |

适用于成对或成组安装时单个轴承的内、外圈，也适用于 $d \geq 50\text{mm}$ 锥孔轴承的内圈

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| D<br>mm |        | ${}^t\Delta_{\text{Dmp}}$ |      | ${}^tV_{\text{Dsp}}^{\text{a}}$ |      |               |         | ${}^tV_{\text{Dmp}}^{\text{a}}$ | ${}^t\text{Kea}$ | ${}^t\Delta_{\text{Cs}}$                                                                                                               |   | ${}^tV_{\text{Cs}}$ |
|---------|--------|---------------------------|------|---------------------------------|------|---------------|---------|---------------------------------|------------------|----------------------------------------------------------------------------------------------------------------------------------------|---|---------------------|
|         |        |                           |      | 开型轴承/open                       |      | 闭型轴承<br>close |         |                                 |                  | ${}^t\Delta_{\text{Cls}}^{\text{b}}$                                                                                                   |   |                     |
|         |        |                           |      | 直径系列 dia. series                |      |               |         |                                 |                  | U                                                                                                                                      |   |                     |
| >       | $\leq$ | U                         | L    | 9                               | 0, 1 | 2, 3, 4       | 2, 3, 4 |                                 |                  | U                                                                                                                                      | L |                     |
| —       | 2.5    | 0                         | -8   | 10                              | 8    | 6             | 10      | 6                               | 15               | 与同一轴承的内圈的<br>${}^t\Delta_{\text{Bs}}$ 和 ${}^tV_{\text{Bs}}$ 相同<br>same as inner ring<br>${}^t\Delta_{\text{Bs}}$ & ${}^tV_{\text{Bs}}$ |   |                     |
| 2.5     | 6      | 0                         | -8   | 10                              | 8    | 6             | 10      | 6                               | 15               |                                                                                                                                        |   |                     |
| 6       | 18     | 0                         | -8   | 10                              | 8    | 6             | 10      | 6                               | 15               |                                                                                                                                        |   |                     |
| 18      | 30     | 0                         | -9   | 12                              | 9    | 7             | 12      | 7                               | 15               |                                                                                                                                        |   |                     |
| 30      | 50     | 0                         | -11  | 14                              | 11   | 8             | 16      | 8                               | 20               |                                                                                                                                        |   |                     |
| 50      | 80     | 0                         | -13  | 16                              | 13   | 10            | 20      | 10                              | 25               |                                                                                                                                        |   |                     |
| 80      | 120    | 0                         | -15  | 19                              | 19   | 11            | 26      | 11                              | 35               |                                                                                                                                        |   |                     |
| 120     | 150    | 0                         | -18  | 23                              | 23   | 14            | 30      | 14                              | 40               |                                                                                                                                        |   |                     |
| 150     | 180    | 0                         | -25  | 31                              | 31   | 19            | 38      | 19                              | 45               |                                                                                                                                        |   |                     |
| 180     | 250    | 0                         | -30  | 38                              | 38   | 23            | —       | 23                              | 50               |                                                                                                                                        |   |                     |
| 250     | 315    | 0                         | -35  | 44                              | 44   | 26            | —       | 26                              | 60               |                                                                                                                                        |   |                     |
| 315     | 400    | 0                         | -40  | 50                              | 50   | 30            | —       | 30                              | 70               |                                                                                                                                        |   |                     |
| 400     | 500    | 0                         | -45  | 56                              | 56   | 34            | —       | 34                              | 80               |                                                                                                                                        |   |                     |
| 500     | 630    | 0                         | -50  | 63                              | 63   | 38            | —       | 38                              | 100              |                                                                                                                                        |   |                     |
| 630     | 800    | 0                         | -75  | 94                              | 94   | 55            | —       | 55                              | 120              |                                                                                                                                        |   |                     |
| 800     | 1000   | 0                         | -100 | 125                             | 125  | 75            | —       | 75                              | 140              |                                                                                                                                        |   |                     |
| 1000    | 1250   | 0                         | -125 | —                               | —    | —             | —       | —                               | 160              |                                                                                                                                        |   |                     |
| 1250    | 1600   | 0                         | -160 | —                               | —    | —             | —       | —                               | 190              |                                                                                                                                        |   |                     |
| 1600    | 2000   | 0                         | -200 | —                               | —    | —             | —       | —                               | 220              |                                                                                                                                        |   |                     |
| 2000    | 2500   | 0                         | -250 | —                               | —    | —             | —       | —                               | 250              |                                                                                                                                        |   |                     |

注：外圈凸缘外径D1的极限偏差除外。

a 适用于内、外止动环安装前或者拆卸后。

b 仅适用于沟形球轴承。