

# 凸轮轴承随动器

## 内六角孔型 · 圆柱型/球面型 螺栓型 标准型

| 代码    | 类型  | 材质    |      | 油嘴材质     | 表面处理    |       |   |
|-------|-----|-------|------|----------|---------|-------|---|
|       |     | 国标    | 相当   |          |         |       |   |
| BPF05 | 圆柱型 | GCr15 | SUJ2 | 铜油嘴      | —       |       |   |
| BPF09 |     |       |      | 不锈钢油嘴    | 发黑      |       |   |
| BPF15 |     |       |      | 9Cr18Mo  | SUS440C | —     | — |
| BPF06 |     |       |      | 0Cr18Ni9 | SUS304  | 不锈钢油嘴 | — |
| BPF18 |     |       |      | —        | —       | —     | — |
| BPF25 |     |       |      | —        | —       | —     | — |
| BPF29 | 球面型 | GCr15 | SUJ2 | 铜油嘴      | 发黑      |       |   |
| BPF35 |     |       |      | 不锈钢油嘴    | —       |       |   |
| BPF26 |     |       |      | 9Cr18Mo  | SUS440C | —     | — |
| BPF38 |     |       |      | 0Cr18Ni9 | SUS304  | 不锈钢油嘴 | — |

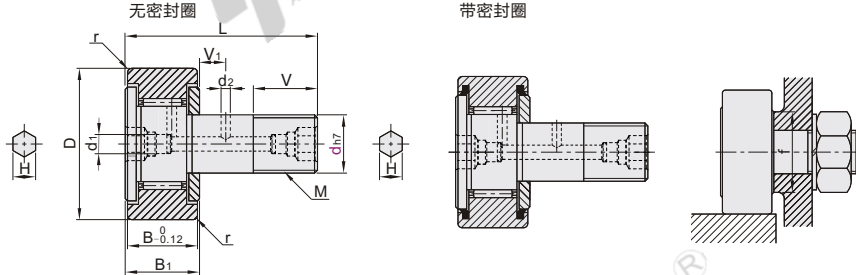


圆柱型D公差：

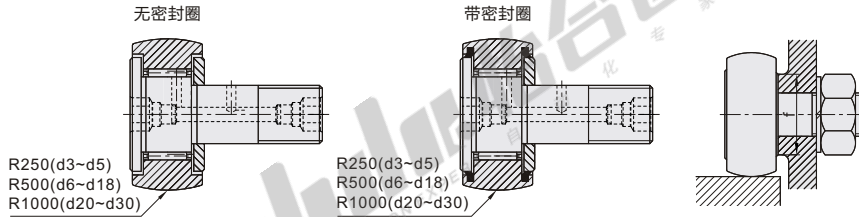
| D     | 公差             |
|-------|----------------|
| 10~16 | $0_{-0.008}^0$ |
| 19~30 | $0_{-0.009}^0$ |
| 32~47 | $0_{-0.011}^0$ |
| 52~80 | $0_{-0.013}^0$ |
| 85~90 | $0_{-0.015}^0$ |

球面型D公差： $0_{-0.05}^0$

圆柱型  
BPF05/06/09/15/18



球面型  
BPF25/26/29/35/38



- ① 带密封型工作温度-20~80°C，连续使用建议60°C以下。
- ② 不带密封型工作温度-20~120°C，连续使用建议100°C以下。

视角标准：第一视角

| 型号  |                 | 密封圈 | D       | M×螺距     | B    | B <sub>1</sub> | L  | d <sub>1</sub> | d <sub>2</sub> | V   | V <sub>1</sub> | H   | r   | f (min) | 基本额定负载 (KN) |       |        |       | 最大静态容许负载 (KN) |       | 极限转速 (rpm) | 最大紧固扭矩 (N.m) | 重量 (g) |      |     |   |
|-----|-----------------|-----|---------|----------|------|----------------|----|----------------|----------------|-----|----------------|-----|-----|---------|-------------|-------|--------|-------|---------------|-------|------------|--------------|--------|------|-----|---|
| 代码  | d <sub>H7</sub> |     |         |          |      |                |    |                |                |     |                |     |     |         | Cr(动)       |       | Cor(静) |       | 钢             | 不锈钢   |            |              |        | 钢    | 不锈钢 | 钢 |
| 圆柱型 | 3*              | —   | 10      | M3×0.5   | 7    | 8              | 17 | 钢              | 不锈钢            | 5   | 2              | 2   | 0.2 | 6.8     | 1.2         | 0.96  | 0.82   | 0.65  | 0.3           | 0.3   | 22400      | 0.34         | 4.3    |      |     |   |
|     | 4*              |     | 12      | M4×0.7   | 8    | 9              | 20 | —              | —              | 6   | 2.5            | 2.5 | —   | 8.3     | 1.66        | 1.32  | 1.27   | 1.02  | 0.66          | 0.66  | 16800      | 0.78         | 7.4    |      |     |   |
|     | 5*              |     | 13      | M5×0.8   | 9    | 10             | 23 | —              | —              | 7.5 | —              | —   | —   | 9.3     | 2.02        | 1.54  | 1.71   | 1.38  | 1.01          | 1.01  | 13440      | 1.6          | 10.3   |      |     |   |
|     | 6*              |     | 16      | M6×1.0   | 11   | 12             | 28 | —              | —              | 8   | —              | —   | —   | 11      | 2.93        | 2.34  | 2.92   | 2.34  | 1.56          | 1.56  | 11200      | 2.7          | 18.5   |      |     |   |
|     | 8*              |     | 19      | M8×1.25  | 11   | 12             | 32 | —              | —              | 10  | —              | 4   | 4   | 0.3     | 13          | 3.4   | 2.72   | 3.79  | 3.03          | 3.7   | 3.03       | 8400         | 6.5    | 28.5 |     |   |
|     | 10              |     | 22      | M10×1.25 | —    | —              | —  | —              | —              | —   | —              | —   | —   | —       | —           | —     | —      | —     | —             | —     | —          | —            | —      | —    | —   | — |
|     | 10C             |     | 22      | M10×1.0  | —    | —              | —  | —              | —              | —   | —              | —   | —   | —       | —           | —     | —      | —     | —             | —     | —          | —            | —      | —    | —   | — |
|     | 10A             |     | 26      | M10×1.25 | 12   | 13             | 36 | 4              | —              | —   | 12             | 5   | 5   | —       | 16          | 4.34  | 3.47   | 5.51  | 4.41          | 5.51  | 4.41       | 6720         | 13.8   | 45   |     |   |
|     | 10D             |     | 26      | M10×1.0  | —    | —              | —  | —              | —              | —   | —              | —   | —   | —       | —           | —     | —      | —     | —             | —     | —          | —            | —      | —    | —   | — |
|     | 12              |     | 30      | M12×1.5  | 14   | 15             | 40 | 4              | 4              | —   | 13             | 6   | 6   | —       | 21          | 6.33  | 5.06   | 7.83  | 6.26          | 7.83  | 6.26       | 5600         | 21.9   | 95   |     |   |
| 球面型 | 12A             | 32  | —       | —        | —    | —              | —  | —              | —              | —   | —              | —   | —   | —       | —           | —     | —      | —     | —             | —     | —          | —            | —      | —    | —   |   |
|     | 16              | 35  | M16×1.5 | 18       | 19.5 | 52             | 6  | 3              | —              | 17  | —              | 6   | 0.6 | 26      | 9.6         | 7.7   | 14.64  | 11.76 | 14.64         | 11.76 | 4200       | 58.5         | 170    |      |     |   |
|     | 18              | 40  | M18×1.5 | 20       | 21.5 | 58             | 6  | —              | —              | 19  | 8              | 8   | —   | 29      | 11.84       | 9.44  | 20.16  | 16.16 | 20.16         | 16.16 | 3733       | 86.2         | 250    |      |     |   |
|     | 20              | 52  | M20×1.5 | 24       | 25.5 | 66             | —  | —              | —              | 21  | 9              | 10  | —   | 34      | 16.56       | 13.2  | 27.68  | 22.16 | 27.68         | 22.16 | 3360       | 119          | 460    |      |     |   |
|     | 20A             | 47  | M20×1.5 | 24       | 25.5 | 66             | —  | —              | —              | 21  | 9              | 10  | —   | 34      | 16.56       | 13.2  | 27.68  | 22.16 | 27.68         | 22.16 | 3360       | 119          | 385    |      |     |   |
|     | 24              | 62  | M24×1.5 | 29       | 30.5 | 80             | —  | —              | —              | 25  | 11             | —   | —   | 40      | 24.4        | 19.52 | 42.08  | 33.66 | 41.6          | 33.28 | 2800       | 215          | 815    |      |     |   |
|     | 24A             | 72  | M24×1.5 | 29       | 30.5 | 80             | 8  | 6              | 4              | —   | —              | —   | —   | 40      | 24.4        | 19.52 | 42.08  | 33.66 | 41.6          | 33.28 | 2800       | 215          | 1140   |      |     |   |
|     | 30              | 80  | —       | —        | —    | —              | —  | —              | —              | —   | —              | —   | —   | —       | —           | —     | —      | —     | —             | —     | —          | —            | —      | —    | —   |   |
|     | 30A             | 85  | M30×1.5 | 35       | 37   | 100            | —  | —              | —              | 32  | 15             | —   | —   | 49      | 36.32       | 29.06 | 68.08  | 54.46 | 68.08         | 54.46 | 2240       | 438          | 2030   |      |     |   |
|     | 30B             | 90  | —       | —        | —    | —              | —  | —              | —              | —   | —              | —   | —   | —       | —           | —     | —      | —     | —             | —     | —          | —            | —      | —    | —   |   |

- ① d<sub>3</sub>~d<sub>8</sub>没有加工d<sub>1</sub>/d<sub>2</sub>润滑孔，不能补充润滑油，d<sub>10</sub>以下无d<sub>2</sub>润滑孔；② d<sub>3</sub>~d<sub>8</sub>一端为内六角孔，d<sub>10</sub>以上两端为内六角孔，螺杆通孔。
- ③ 上表中极限转速数值仅适用润滑脂型号，若采用润滑油的型号极限转速为上述数值的160%左右。
- ④ BPF18/38未做热处理，载荷极限转速为上述表中的30%。
- ⑤ 带“规格”不适用BPF15/35。



| 代码    | 型号 | d | 密封圈    | D  |
|-------|----|---|--------|----|
| BPF06 | 3  | 3 | PP带密封圈 | 10 |
| BPF06 | 4  | 4 | (无密封圈) | 12 |

BPF05— d3 — PP



● 优惠价  
数量 1~9 10~  
价格 100% 另行报价

交货期  
5

