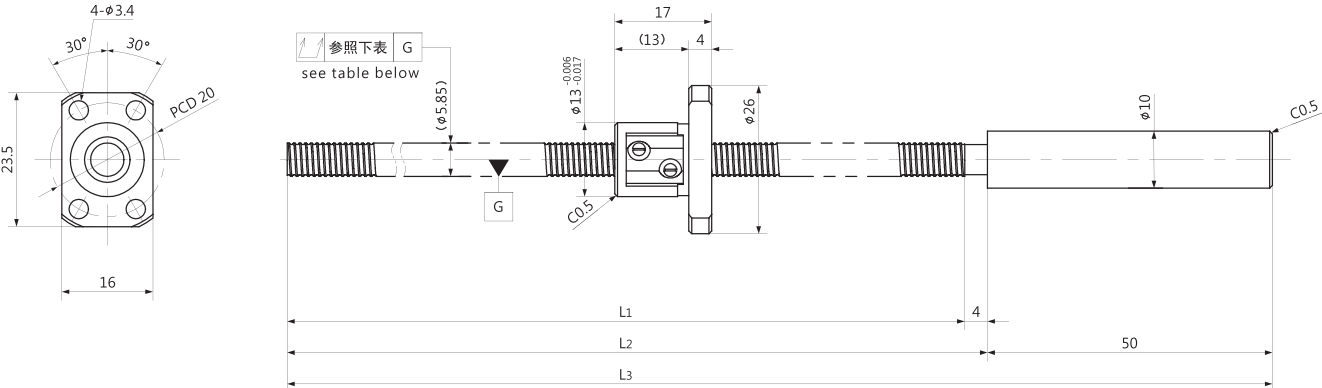


BSD0601 | Shaft dia.(轴径) $\phi 6$  | Lead(导程)1mm | C5&Ct7 |



Unit (单位): mm

| Ball Screw Specifications |         | 主要技术参数                    |
|---------------------------|---------|---------------------------|
| Ball size 钢珠直径            |         | $\phi 0.8$                |
| BCD 钢珠中心直径                |         | 6.15                      |
| Lead Angle 导程角            |         | 2°58′                     |
| Number of thread 螺纹条数     |         | 1                         |
| Thread direction 螺纹旋向     |         | Right 右旋                  |
| Shaft root dia 丝杠轴底径      |         | $\phi 5.3$                |
| Number of circuit 循环数     |         | 3.7×1                     |
| Material 材质               | Shaft 轴 | S55C+SUS304               |
|                           | Nut 螺母  | SCM415H                   |
| Surface hardness 螺纹部表面硬度  |         | HRC58~62<br>(Thread area) |
| Anti-rust treatment 防锈处理  |         | Anti-rust oil 防锈油         |

Unit(单位):mm

| Ball Screw Model<br>滚珠丝杠型号 | Travel<br>行程 | Grade<br>精度 | Shaft length<br>丝杠轴长度 |                |                | Lead accuracy<br>导程精度                         |                                     | Total<br>Run-out<br>全跳动<br> | Axial<br>play<br>轴向间隙 | Basic Load Rating<br>基本额定负载 N |                        |
|----------------------------|--------------|-------------|-----------------------|----------------|----------------|-----------------------------------------------|-------------------------------------|----------------------------------------------------------------------------------------------------------------|-----------------------|-------------------------------|------------------------|
|                            |              |             | L <sub>1</sub>        | L <sub>2</sub> | L <sub>3</sub> | Travel deviation<br>代表移动量误差<br>e <sub>p</sub> | Variation<br>波动<br>V <sub>300</sub> |                                                                                                                |                       | Dynamic<br>额定动负载<br>Ca        | Static<br>额定静负载<br>Coa |
|                            |              |             |                       |                |                |                                               |                                     |                                                                                                                |                       |                               |                        |
| BSD0601-146R200            | 125          | C5          | 146                   | 150            | 200            | ±0.020                                        | 0.018                               | 0.050                                                                                                          | ~0.005                | 680                           | 1200                   |
|                            |              | Ct7         |                       |                |                | ±0.025                                        | 0.052                               | 0.075                                                                                                          | ~0.020                |                               |                        |
| BSD0601-261R315            | 240          | C5          | 261                   | 265            | 315            | ±0.023                                        | 0.018                               | 0.065                                                                                                          | ~0.005                | 680                           | 1200                   |
|                            |              | Ct7         |                       |                |                | ±0.045                                        | 0.052                               | 0.100                                                                                                          | ~0.020                |                               |                        |

Note) Please designate end-journal profile with your sketch. 注) 轴端的追加加工请结合图纸进行指示。