



Unit (单位): mm

| Ball Screw Specifications | | 主要技术参数 | |
|---------------------------|------------------------|--------------------------|---|
| Ball size 钢珠直径 | φ0.8 | BCD 钢珠中心直径 | 8.20 |
| Lead Angle 导程角 | 2°13' | 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 | φ7.3 |
| Number of circuit 循环数 | 1×3 | Material 材质 | Shaft 轴: S55C+SUS304 Nut 螺母: SCM415H |
| Surface hardness 螺纹部表面硬度 | HRC58~62 (Thread area) | Anti-rust treatment 防锈处理 | Anti-rust oil 防锈油 |

Unit (单位): mm

| Ball Screw Model 滚珠丝杠型号 | Travel 行程 | Grade 精度 | Shaft length 丝杠轴长度 | | | | Lead accuracy 导程精度 | | Total Run-out 全跳动 | Axial play 轴向间隙 | Basic Load Rating 基本额定负载 N | |
|----------------------------|--------------|-------------|-----------------------|----------------|----------------|----------------|---|-------------------------------------|----------------------|--------------------|-------------------------------|------------------------|
| | | | L ₁ | L ₂ | L ₃ | L ₄ | Travel deviation 代表移动量误差 e _p | Variation 波动 V ₃₀₀ | | | Dynamic 额定动负载 Ca | Static 额定静负载 Coa |
| GT0801K-65R115 | 40 | C5 | 65 | 69 | 76 | 115 | ±0.018 | 0.018 | 0.035 | ~0.005 | 650 | 1300 |
| | | Ct7 | | | | | ±0.050 | 0.052 | | | | |
| GT0801K-95R145 | 70 | C5 | 95 | 99 | 106 | 145 | ±0.018 | 0.018 | 0.050 | ~0.005 | 650 | 1300 |
| | | Ct7 | | | | | ±0.050 | 0.052 | | | | |
| GT0801K-125R175 | 100 | C5 | 125 | 129 | 136 | 175 | ±0.020 | 0.018 | 0.050 | ~0.005 | 650 | 1300 |
| | | Ct7 | | | | | ±0.022 | 0.052 | | | | |
| GT0801K-175R225 | 150 | C5 | 175 | 179 | 186 | 225 | ±0.020 | 0.018 | 0.065 | ~0.005 | 650 | 1300 |
| | | Ct7 | | | | | ±0.031 | 0.052 | | | | |

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。