



Unit (单位): mm

| Ball Screw Specifications |                        | 主要技术参数                   |                   |
|---------------------------|------------------------|--------------------------|-------------------|
| Ball size 钢珠直径            | φ3.175                 | BCD 钢珠中心直径               | 15.50             |
| Lead Angle 导程角            | 11°36′                 | Number of thread 螺纹条数    | 2                 |
| Thread direction 螺纹旋向     | Right 右旋               | Shaft root dia 丝杠轴底径     | φ12.2             |
| Number of circuit 循环数     | 2.7×2                  | Material 材质              | Shaft 轴 S55C      |
|                           |                        |                          | 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<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 Run-out<br>全跳动 | Axial play<br>轴向间隙 | Preload Torque<br>预压扭矩<br>Nm | Basic Load Rating<br>基本额定负载 N |                        |
|----------------------------|--------------|-------------|-----------------------|----------------|---|-------------------------------------|----------------------|--------------------|------------------------------|-------------------------------|------------------------|
|                            |              |             | L <sub>1</sub>        | L <sub>2</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 |
| GG1510-239R296             | 150          | C5          | 239                   | 296            | ±0.023  | 0.018                               | 0.045                | ~0.005             | -                            | 12000                         | 25000                  |
| GG1510-289R346             | 200          |             | 289                   | 346            | ±0.023  |                                     | 0.055                |                    |                              |                               |                        |
| GG1510-339R396             | 250          |             | 339                   | 396            | ±0.025  |                                     | 0.055                |                    |                              |                               |                        |
| GG1510-389R446             | 300          |             | 389                   | 446            | ±0.025  |                                     | 0.060                |                    |                              |                               |                        |
| GG1510-439R496             | 350          |             | 439                   | 496            | ±0.027  |                                     | 0.060                |                    |                              |                               |                        |
| GG1510-489R546             | 400          |             | 489                   | 546            | ±0.027  |                                     | 0.075                |                    |                              |                               |                        |
| GG1510-539R596             | 450          |             | 539                   | 596            | ±0.030  |                                     | 0.075                |                    |                              |                               |                        |
| GG1510-589R646             | 500          |             | 589                   | 646            | ±0.030  |                                     | 0.090                |                    |                              |                               |                        |
| GG1510-639R696             | 550          |             | 639                   | 696            | ±0.035  |                                     | 0.090                |                    |                              |                               |                        |
| GG1510-689R746             | 600          |             | 689                   | 746            | ±0.035  |                                     | 0.090                |                    |                              |                               |                        |
| GG1510-789R846             | 700          |             | 789                   | 846            | ±0.035  |                                     | 0.120                |                    |                              |                               |                        |
| GG1510-889R946             | 800          |             | 889                   | 946            | ±0.040  |                                     | 0.120                |                    |                              |                               |                        |

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。