



Unit (单位): mm

| Ball Screw Specifications |                        | 主要技术参数                   |                     |
|---------------------------|------------------------|--------------------------|---------------------|
| Ball size 钢球直径            | φ2.0                   | BCD 钢球中心直径               | 10.50               |
| Lead Angle 导程角            | 16°52′                 | 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     | φ8.4                |
| Number of circuit 循环数     | 1.6×2                  | 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<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 |                        |
|----------------------------|--------------|-------------|-----------------------|-----|-----|-----|---|-------------------------------------|----------------------|--------------------|------------------------------|-------------------------------|------------------------|
|                            |              |             | L1                    | L2  | L3  | L4  | 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 |
| GG1010-167R225             | 100          | C5          | 167                   | 171 | 179 | 225 | ±0.020  | 0.018                               | ~0.005               | -                  | 3300                         | 5900                          |                        |
| GG1010-217R275             | 150          |             | 217                   | 221 | 229 | 275 | ±0.023  |                                     |                      |                    |                              |                               |                        |
| GG1010-267R325             | 200          |             | 267                   | 271 | 279 | 325 | ±0.023  |                                     |                      |                    |                              |                               |                        |
| GG1010-317R375             | 250          |             | 317                   | 321 | 329 | 375 | ±0.025  |                                     |                      |                    |                              |                               |                        |
| GG1010-367R425             | 300          |             | 367                   | 371 | 379 | 425 | ±0.025  |                                     |                      |                    |                              |                               |                        |

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。