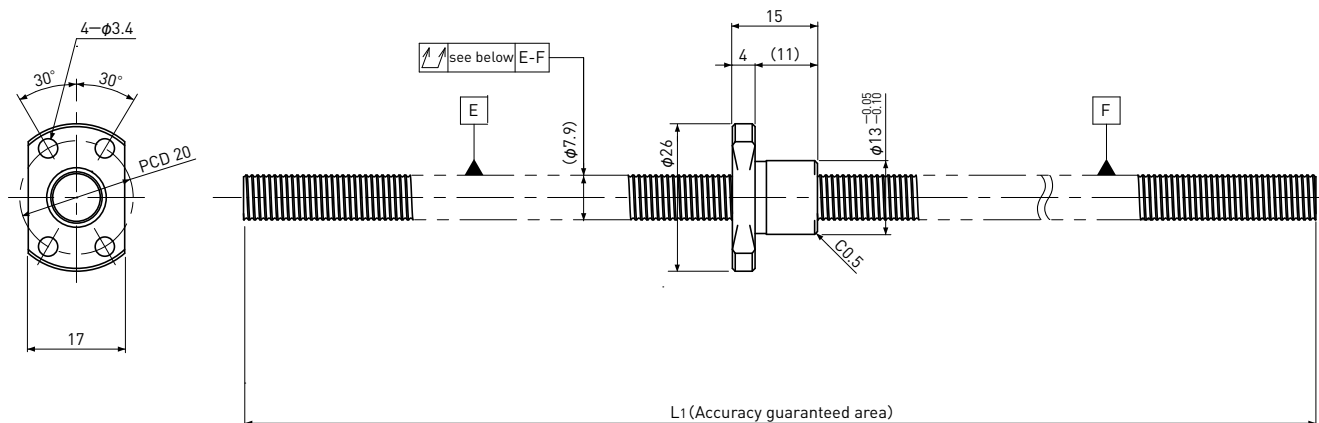


Standard products in stock SR series

**SR0801K****Compact Nut**  
Shaft dia.  $\phi 8$  Lead 1mm**Ct7&Ct10**

Unit: mm

| Ball Screw Specifications |       |                         |
|---------------------------|-------|-------------------------|
| Ball size                 |       | $\phi 0.8$              |
| Number of thread          |       | 1                       |
| Thread direction          |       | Right                   |
| Shaft root dia.           |       | $\phi 7.3$              |
| Number of circuit         |       | 1×3                     |
| material                  | Shaft | S55C                    |
|                           | Nut   | SCM415H                 |
| Surface hardness          |       | HRC58~<br>(Thread area) |
| Anti-rust treatment       |       | Anti-rust oil           |

Unit: mm

| Ball Screw Model   | Travel | Grade | Shaft length   |                | Lead accuracy                      |                               | Total Run-out<br> | Axial play | Preload Torque<br>Nm | Basic Load Rating<br>N    |                           |
|--------------------|--------|-------|----------------|----------------|------------------------------------|-------------------------------|--------------------------------------------------------------------------------------------------------|------------|----------------------|---------------------------|---------------------------|
|                    |        |       | L <sub>1</sub> | L <sub>2</sub> | Travel deviation<br>e <sub>p</sub> | Variation<br>V <sub>300</sub> |                                                                                                        |            |                      | Dynamic<br>C <sub>a</sub> | Static<br>C <sub>0a</sub> |
| SR0801K-230R230C7  | 200    | Ct7   | 230            | —              | ±0.03                              | —                             | 0.080                                                                                                  | ~0.020     | —                    | 650                       | 1300                      |
| SR0801K-230R230C10 | 200    | Ct10  | 230            | —              | ±0.16                              | —                             | 0.160                                                                                                  | ~0.050     |                      |                           |                           |

Note) Please designate end-journal profile with your sketch.