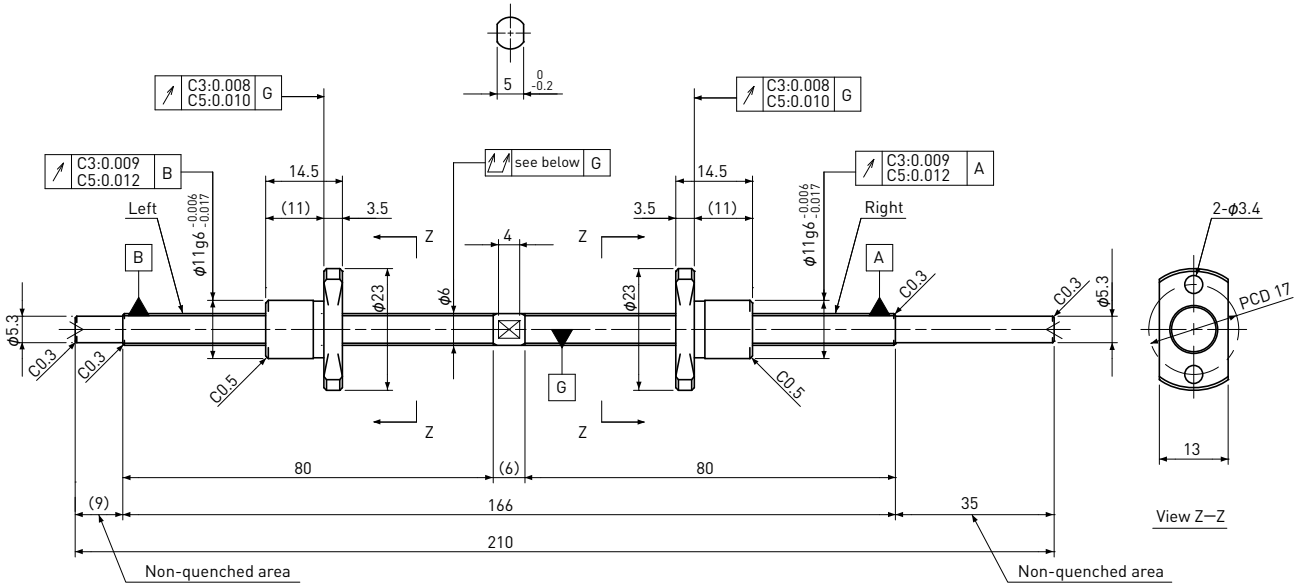


SD0601

Shaft dia. $\phi 6$ Lead 1mm

C3&C5



Unit:mm

| Ball Screw Specifications | |
|---------------------------|---------------------------|
| Ball size | $\phi 0.8$ |
| Number of thread | 1 |
| Thread direction | Left&Right |
| Shaft root dia. | $\phi 5.3$ |
| Number of circuit | 1×3 |
| Shaft,Nut material | SCM415H |
| Surface hardness | HRC58~62 (Thread area) |
| Anti-rust treatment | Anti-rust oil |

Unit:mm

| Ball Screw Model | Travel | Grade | Lead accuracy | | Total Run-out \nearrow | Axial play | Preload Torque Nm | Basic Load Rating N | |
|--------------------|--------|-------|------------------------|-----------------|-----------------------------|------------|-------------------|---------------------|---------------|
| | | | Travel deviation e_p | Variation V_u | | | | Dynamic C_a | Static C_oa |
| SD0601-80L80R210C3 | 65 | C3 | ± 0.008 | 0.008 | 0.050 | 0 | ~0.013 | 550 | 1000 |
| SD0601-80L80R210C5 | 65 | C5 | ± 0.018 | 0.018 | 0.065 | ~0.005 | — | | |

Note 1) Please designate end-journal profile with your sketch.

Note 2) Absolute position of both Nuts related to the Screw Shaft is not under the control.