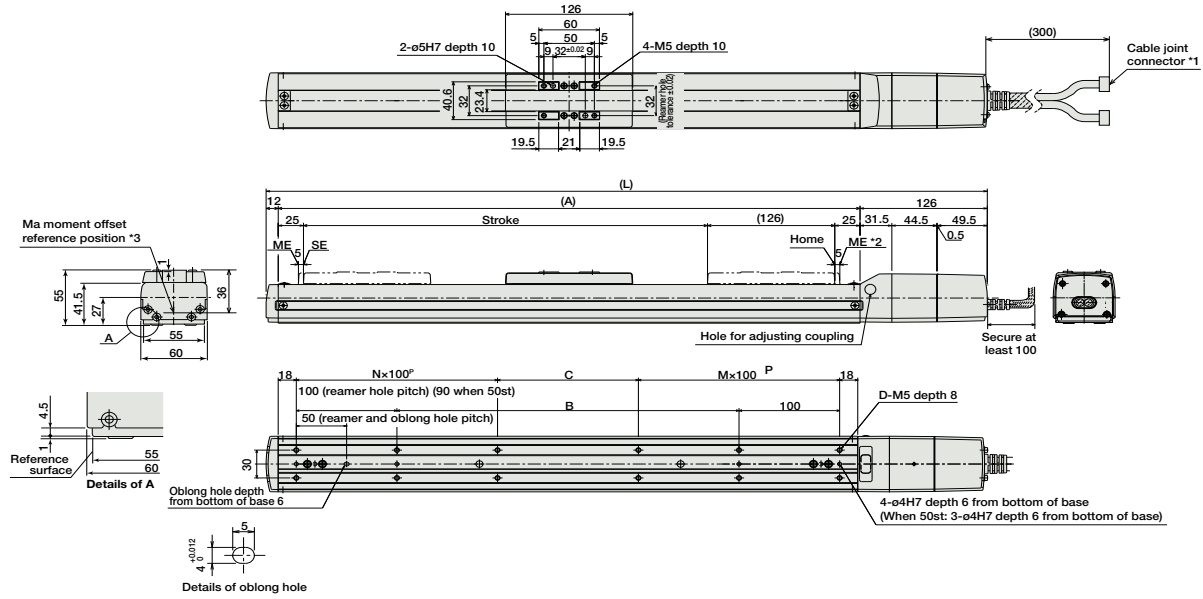


Dimensions

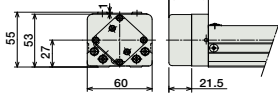
For Special Orders P. A-9

- *1 A motor-encoder cable is connected here. See page A-39 for details on cables.
- *2 When homing, the slider moves to the ME; therefore, please watch for any interference with the surrounding objects.
ME: Mechanical end SE: Stroke end
- *3 Reference position for calculating the moment Ma.



Dimensions of the Brake Section

* Adding a brake increases the actuator's overall length by 24.5mm and its weight by 0.3kg.



■ Dimensions/Weight by Stroke

| Stroke | 50 | 100 | 150 | 200 | 250 | 300 | 350 | 400 | 450 | 500 | 550 | 600 |
|-------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| L | 364 | 414 | 464 | 514 | 564 | 614 | 664 | 714 | 764 | 814 | 864 | 914 |
| A | 226 | 276 | 326 | 376 | 426 | 476 | 526 | 576 | 626 | 676 | 726 | 776 |
| B | 0 | 40 | 90 | 140 | 190 | 240 | 290 | 340 | 390 | 440 | 490 | 540 |
| C | 90 | 40 | 90 | 140 | 190 | 40 | 90 | 140 | 190 | 40 | 90 | 140 |
| D | 6 | 8 | 8 | 8 | 8 | 12 | 12 | 12 | 12 | 16 | 16 | 16 |
| M | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| N | 0 | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 3 | 3 | 3 |
| Weight (kg) | 4.9 | 3.2 | 3.5 | 3.8 | 4.2 | 4.5 | 4.8 | 5.1 | 5.5 | 5.8 | 6.1 | 6.4 |

③ Compatible Controllers

The RCS2 series actuators can operate with the controllers below. Select the controller according to your usage.

| Name | External View | Model | Description | Max. Positioning Points | Input Voltage | Power Supply Capacity | Standard Price | See Page |
|--------------------------------|---------------|-------------------------|--|-------------------------|---|---|----------------|----------|
| Positioner Mode | | SCON-C-60①-NP-2-② | Positioning is possible for up to 512 points | 512 points | Single-Phase AC 100V Single-Phase AC 200V 3-Phase AC 200V (XSEL-P/Q only) | 360VA max. * When operating a 150W single-axis model | — | → P547 |
| Solenoid Valve Mode | | | Operable with same controls as solenoid valve. | 7 points | | | | |
| Serial Communication Type | | | Dedicated to serial communication | 64 points | | | | |
| Pulse Train Input Control Type | | | Dedicated to Pulse Train Input | (-) | | | | |
| Program Control 1-2 Axis Type | | SSEL-C-1-60①-NP-2-② | Programmed operation is possible Can operate up to 2 axes | 20000 points | | | — | → P577 |
| Program Control 1-6 Axis Type | | XSEL-③-1-60①-N1-EEE-2-④ | Programmed operation is possible Can operate up to 6 axes | 20000 points | | | — | → P587 |

- * For SSEL and XSEL, only applicable to the single-axis model.
- * ① is a placeholder for the encoder type (I: incremental, A: absolute).
- * ② is a placeholder for the power supply voltage (1: 100V, 2: single-phase 200V, 3: 3-phase 200V).
- * ③ is a placeholder for the XSEL type name (J, K, P, or Q).
- * ④ is a placeholder for the power supply voltage (1: 100V, 2: single-phase 200V, 3: 3-phase 200V).

- Slider Type
- Mini
- Standard
- Controllers Integrated
- Rod Type
- Mini
- Standard
- Controllers Integrated
- Table/Arm /Flat Type
- Mini
- Standard
- Gripper/ Rotary Type
- Linear Servo Type
- Cleanroom Type
- Splash-Proof
- Controllers
- PMEC /AMEC
- PSEP /ASEP
- ROBO NET
- ERC2
- PCON
- ACON
- SCON
- PSEL
- ASEL
- SSEL
- XSEL
- Pulse Motor
- Servo Motor (24V)
- Servo Motor (200V)
- Linear Servo Motor