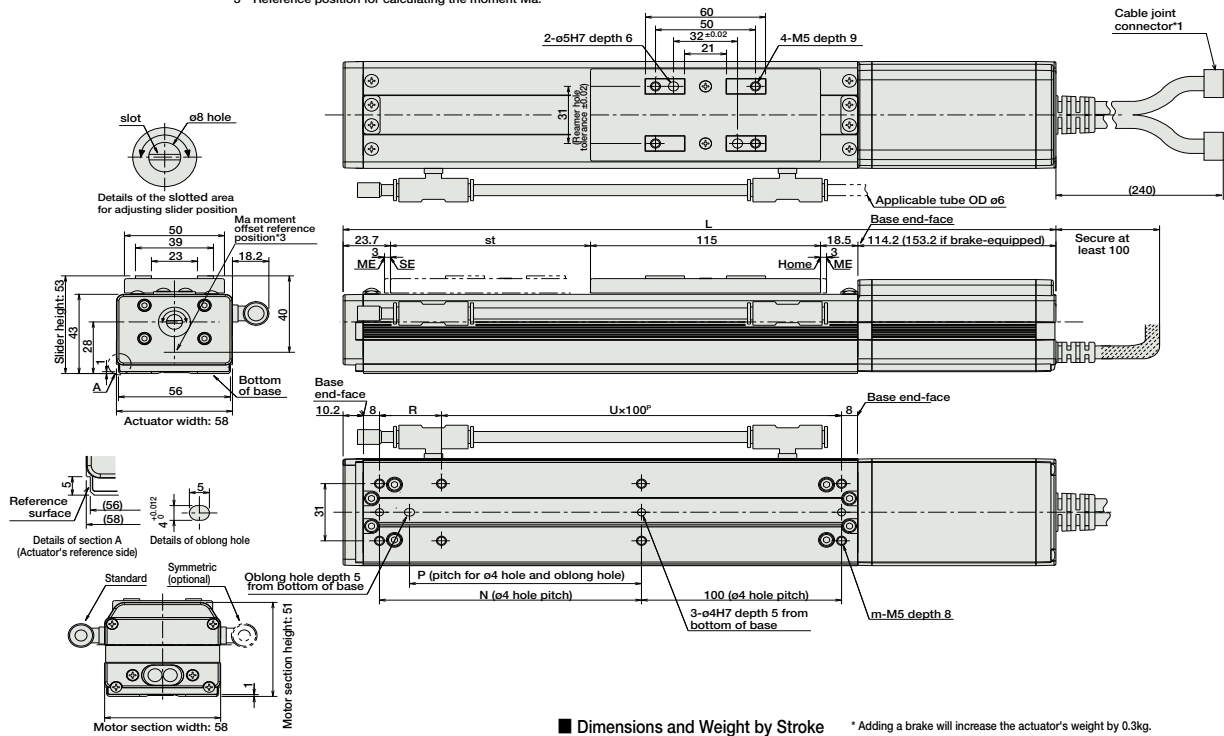




Dimensions

For Special Orders P. A-9

- \*1 The motor-encoder cable is connected here. See page A-39 for details on cables.
- \*2 After 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 and Weight by Stroke

\* Adding a brake will increase the actuator's weight by 0.3kg.

| Stroke       | 50    | 100   | 150   | 200   | 250   | 300   | 350   | 400   | 450   | 500   | 550   | 600   |
|--------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| L No Brake   | 321.4 | 371.4 | 421.4 | 471.4 | 521.4 | 571.4 | 621.4 | 671.4 | 721.4 | 771.4 | 821.4 | 871.4 |
| L With Brake | 360.4 | 410.4 | 460.4 | 510.4 | 560.4 | 610.4 | 660.4 | 710.4 | 760.4 | 810.4 | 860.4 | 910.4 |
| N            | 81    | 131   | 181   | 231   | 281   | 331   | 381   | 431   | 481   | 531   | 581   | 631   |
| P            | 66    | 116   | 166   | 216   | 266   | 316   | 366   | 416   | 466   | 516   | 566   | 616   |
| R            | 81    | 31    | 81    | 31    | 81    | 31    | 81    | 31    | 81    | 31    | 81    | 31    |
| U            | 1     | 2     | 2     | 3     | 3     | 4     | 4     | 5     | 5     | 6     | 6     | 7     |
| m            | 6     | 8     | 8     | 10    | 10    | 12    | 12    | 14    | 14    | 16    | 16    | 18    |
| Weight (kg)  | 1.4   | 1.6   | 1.8   | 2     | 2.2   | 2.4   | 2.6   | 2.8   | 3     | 3.2   | 3.4   | 3.6   |

③ Compatible Controllers

The RCS2CR 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-30D①-NP-2-②       | Positioning is possible for up to 512 points                              | 512 points              | Single-phase AC100V<br>Single-phase AC200V<br>Three-phase AC200V (XSEL-P/Q only) | 360VA max.<br>* When operating a 150W single-axis model | -              | → P547   |
| Solenoid Valve Mode            |               |                          | Operable with the same controls as the 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 Axes Type  |               | SSEL-C-1-30D①-NP-2-②     | Programmed operation is possible<br>Operation is possible on up to 2 axes | 20000 points            |  |   | -              | → P577   |
| Program Control 1-6 Axes Type  |               | XSEL-③-1-30D①-N1-EEE-2-④ | Programmed operation is possible<br>Operation is possible on 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, or 2: single-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