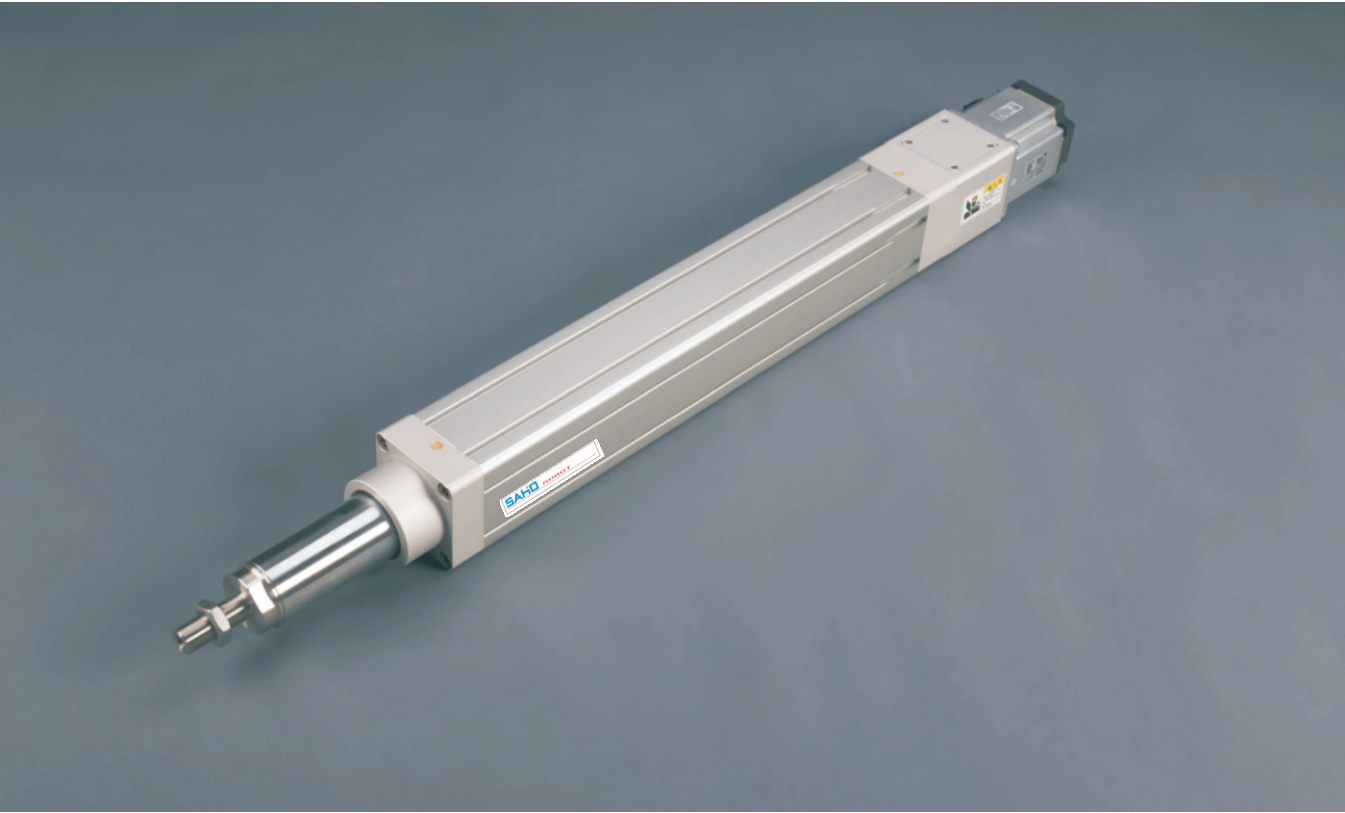
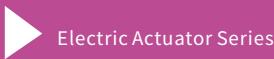


SEH65Single-Axis



This picture is for reference only. For actual shipping specifications, please refer to the dimensional drawings.

Max. Stroke700mm

Max. Speed1000mm/s

Motor Capacity400W

Ball Screwø16mm

Model Number Designation System

SEH65 - P 05 - 100 - BC - M40 B - C 4 - 0001

Model

Stroke

50–700mm

Brake

B With brake  
No indication if there is no brake.

Endpoint Limit Sensor

External-mounted

|   |           |
|---|-----------|
| 3 | 1 PC      |
| 4 | 2 PCS     |
| 5 | No sensor |

Ball Screw Lead

|    |      |
|----|------|
| 5  | 5mm  |
| 10 | 10mm |
| 16 | 16mm |
| 20 | 20mm |

Motor Position

BC Externally mounted & direct coupling

BW Motor on upper side

BM Motor on lower side

BL Motor on left side

BR Motor on right side

Motor Brand & Power

|              |         |
|--------------|---------|
| P Panasonic  | 20 200W |
| T Delta      | 40 400W |
| M Mitsubishi |         |

Home Sensor

External-mounted

|   |                    |
|---|--------------------|
| C | Motor side         |
| D | Counter-motor side |
| E | No sensor          |

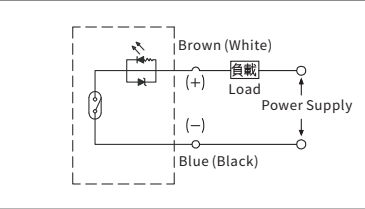
Basic Specifications

|             |                               |                  |                     |     |     |      |
|-------------|-------------------------------|------------------|---------------------|-----|-----|------|
| Performance | Position Repetition Precision |                  | ± 0.01              |     |     |      |
|             | Ball Screw Lead               |                  | 5                   | 10  | 16  | 20   |
|             | Max. Speed                    |                  | 250                 | 500 | 800 | 1000 |
|             | Max. Handling Weight          | Horizontal Use   | 110                 | 88  | 48  | 40   |
|             |                               | Vertical Use     | 33                  | 22  | 10  | 8    |
|             | Rated Thrust                  |                  | 1388                | 694 | 433 | 347  |
| Components  | Standard Stroke               |                  | 50~700mm/50mm pitch |     |     |      |
|             | AC Servo Motor Capacity       |                  | 400W                |     |     |      |
|             | Ball Screw Outer Diameter     |                  | C7 ø16              |     |     |      |
|             | Coupling                      |                  | 10X14               |     |     |      |
|             | Home Sensor                   | External-mounted | EE–Sx672(NPN)       |     |     |      |

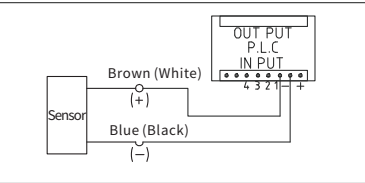
- ※ 1 When the stroke exceeds 300, screw deflection may occur. In this case, please reduce the speed.
- ※ 2 Under normal usage compliant with catalog specifications, the guaranteed service life is 10000km.

Sensor Circuit and Wiring Diagram

General load: Resistive loads such as relays.

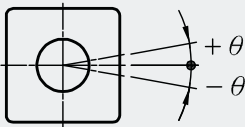


Programmable Controller Wiring Diagram



Anti-rotation Precision

Anti-rotation Precision of the Output Lever



|                         |
|-------------------------|
| Anti-rotation Precision |
| ± 0.01°                 |

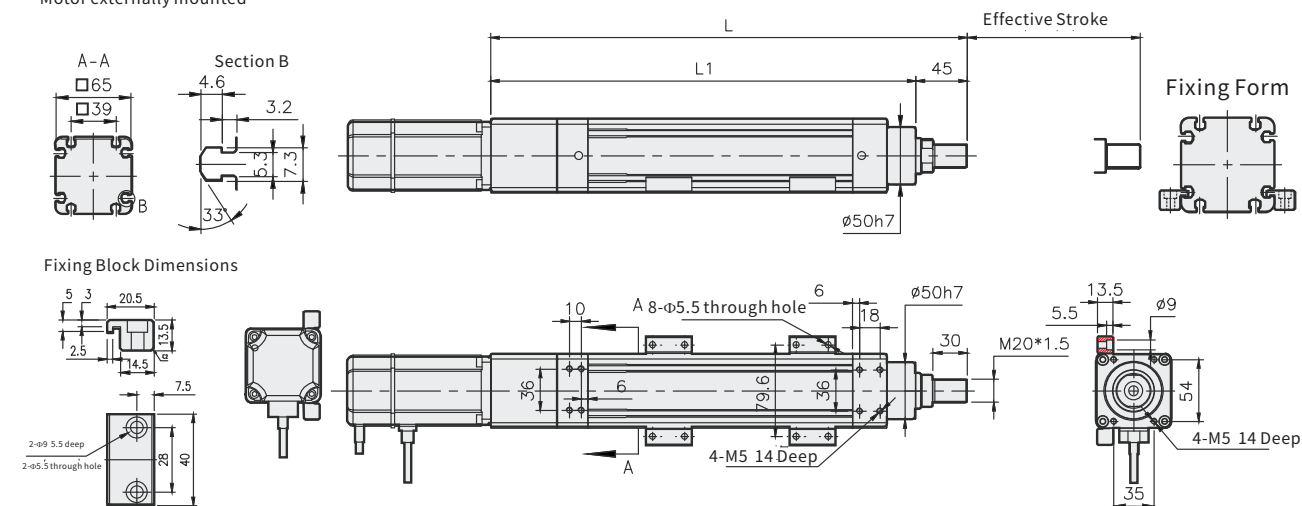
- ※ During operation, strictly avoid applying rotational torque to the piston rod, as this may cause deformation of the anti-rotation block, which may result in abnormal response of the automatic switch, and distortion of internal guide rails, which may result in increased operational resistance.

Anti-rotation Precision

| Brand      | Mark | Brake                      | Motor Capacity | Supply Voltage | Servo Motor Model | Driver Model |
|------------|------|----------------------------|----------------|----------------|-------------------|--------------|
| Mitsubishi | M    | No Brake (Horizontal Type) | 400            | 220            | HG–KR43           | MR–J4–40A    |
|            |      | With Brake (Vertical Type) | 400            | 220            | HG–KR43B          | MR–J4–40A    |
| Panasonic  | P    | No Brake (Horizontal Type) | 400            | 220            | MHMD042G1U        | MBDHT2510    |
|            |      | With Brake (Vertical Type) | 400            | 220            | MHMD042G1V        | MBDHT2510    |
| Delta      | T    | No Brake (Horizontal Type) | 400            | 220            | ECMA–C20604ES     | ASD–B20421–B |
|            |      | With Brake (Vertical Type) | 400            | 220            | ECMA–C20604FS     | ASD–B20421–B |

BC

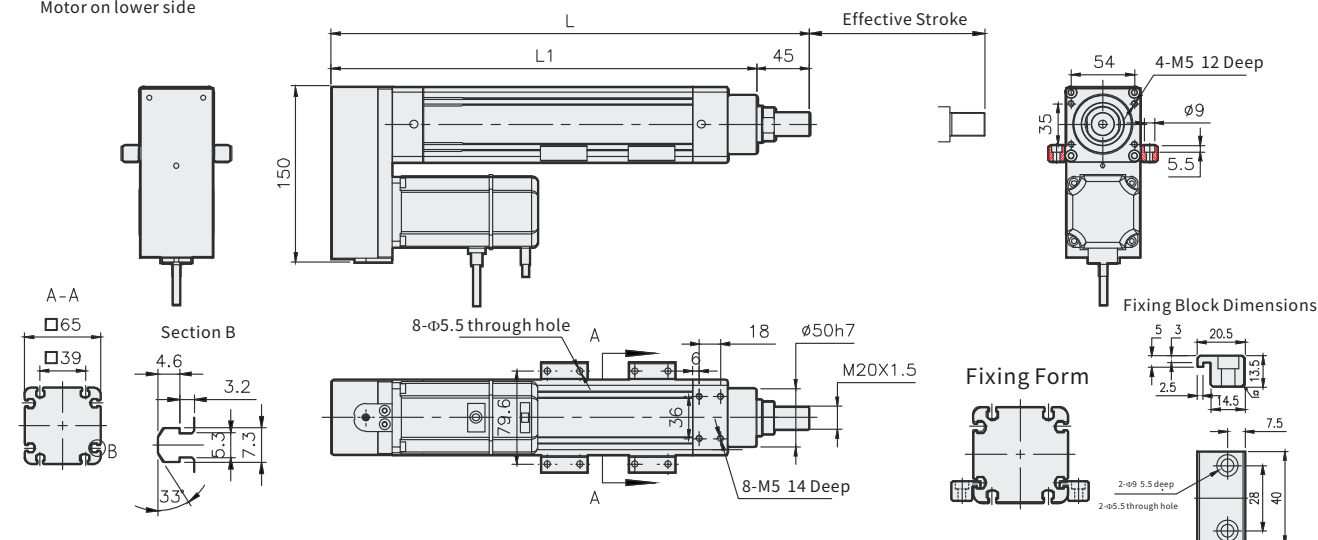
Motor externally mounted



| Effective Stroke | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650   | 700   |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|-------|
| L                | 365  | 415  | 465  | 515  | 565  | 615  | 665  | 715  | 765  | 815  | 865  | 915  | 965   | 1015  |
| L1               | 320  | 370  | 420  | 470  | 520  | 570  | 620  | 670  | 720  | 770  | 820  | 870  | 920   | 970   |
| KG               | 4.89 | 5.32 | 5.74 | 6.16 | 6.58 | 7.01 | 7.52 | 7.84 | 8.27 | 8.67 | 9.19 | 9.62 | 10.05 | 10.48 |

BM

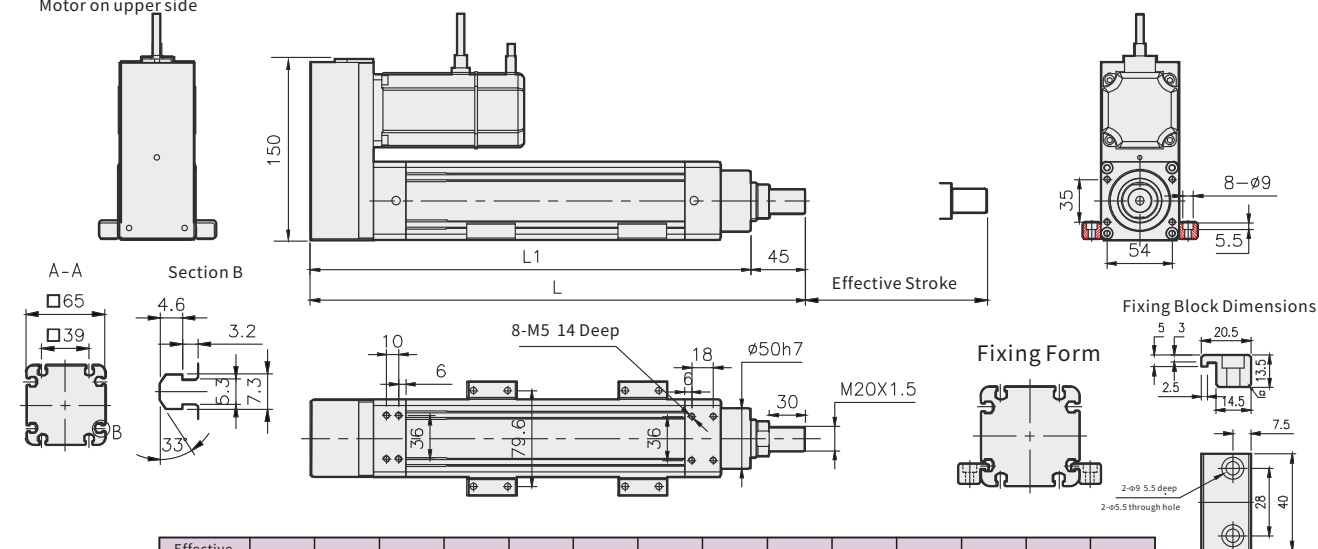
Motor on lower side



| Effective Stroke | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650   | 700  |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| L                | 359  | 409  | 459  | 509  | 559  | 609  | 659  | 709  | 759  | 809  | 859  | 909  | 959   | 1009 |
| L1               | 314  | 364  | 414  | 464  | 514  | 564  | 614  | 664  | 714  | 764  | 814  | 864  | 914   | 964  |
| KG               | 5.11 | 5.54 | 5.96 | 6.38 | 6.80 | 7.22 | 7.64 | 8.07 | 8.49 | 8.91 | 9.41 | 9.84 | 10.27 | 10.7 |

BW

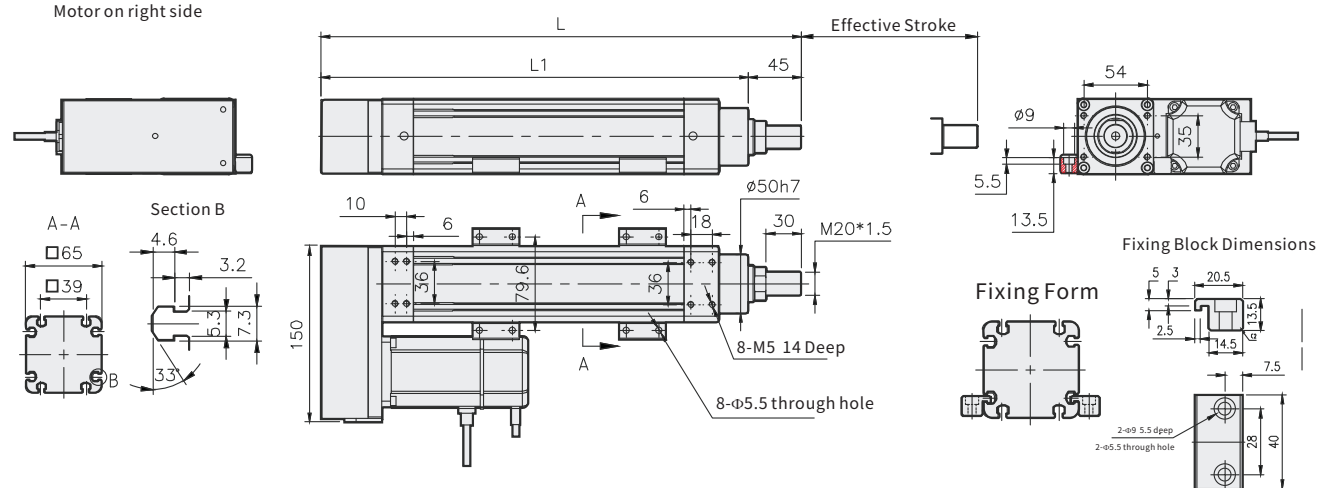
Motor on upper side



| Effective Stroke | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650   | 700  |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| L                | 359  | 409  | 459  | 509  | 559  | 609  | 659  | 709  | 759  | 809  | 859  | 909  | 959   | 1009 |
| L1               | 314  | 364  | 414  | 464  | 514  | 564  | 614  | 664  | 714  | 764  | 814  | 864  | 914   | 964  |
| KG               | 5.11 | 5.54 | 5.96 | 6.38 | 6.80 | 7.22 | 7.64 | 8.07 | 8.49 | 8.91 | 9.41 | 9.84 | 10.27 | 10.7 |

BR

Motor on right side



| Effective Stroke | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650   | 700  |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| L                | 359  | 409  | 459  | 509  | 559  | 609  | 659  | 709  | 759  | 809  | 859  | 909  | 959   | 1009 |
| L1               | 314  | 364  | 414  | 464  | 514  | 564  | 614  | 664  | 714  | 764  | 814  | 864  | 914   | 964  |
| KG               | 5.11 | 5.54 | 5.96 | 6.38 | 6.80 | 7.22 | 7.64 | 8.07 | 8.49 | 8.91 | 9.41 | 9.84 | 10.27 | 10.7 |

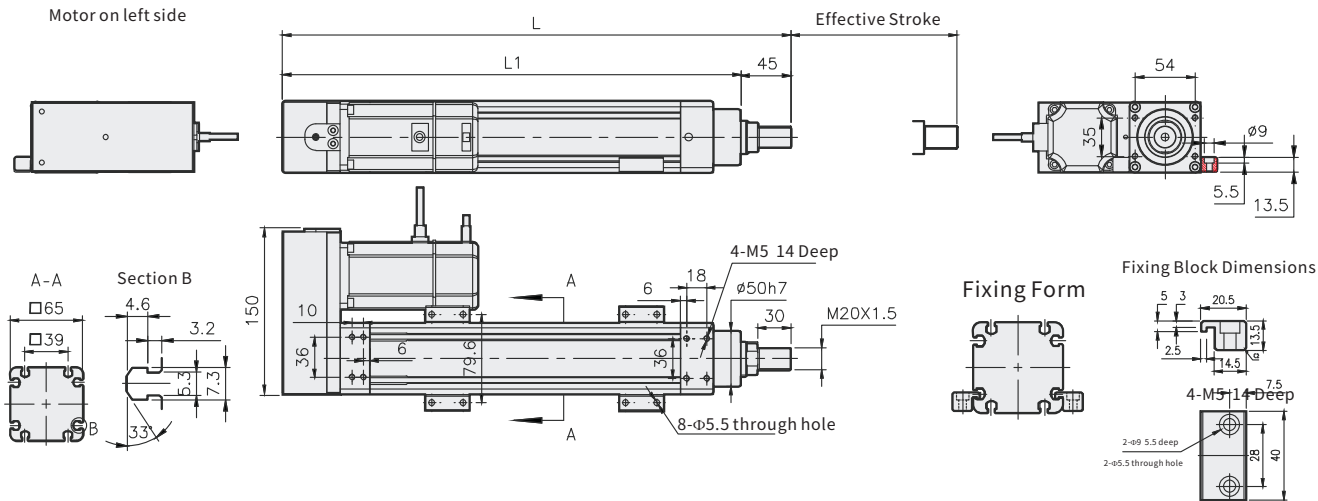
# SEH65

Single-Axis

► Electric Actuator Series

BL

Motor on left side



| Effective Stroke | 50   | 100  | 150  | 200  | 250  | 300  | 350  | 400  | 450  | 500  | 550  | 600  | 650   | 700  |
|------------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|
| L                | 359  | 409  | 459  | 509  | 559  | 609  | 659  | 709  | 759  | 809  | 859  | 909  | 959   | 1009 |
| L1               | 314  | 364  | 414  | 464  | 514  | 564  | 614  | 664  | 714  | 764  | 814  | 864  | 914   | 964  |
| KG               | 5.11 | 5.54 | 5.96 | 6.38 | 6.80 | 7.22 | 7.64 | 8.07 | 8.49 | 8.91 | 9.41 | 9.84 | 10.27 | 10.7 |