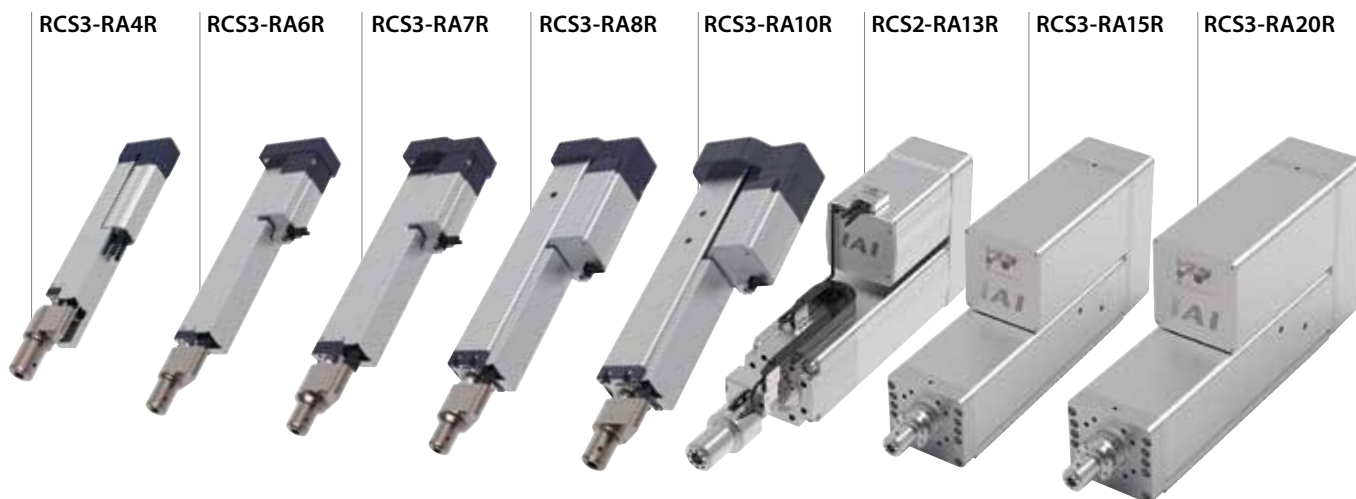


Servo press

RCS3/RCS2-RA Series

Battery-less absolute
Motor side-mounted
200^{VAC} servo motor

Battery-less absolute encoder
No Battery, No Maintenance,
No Homing, and No Price Increase.
No Going Back to Incremental



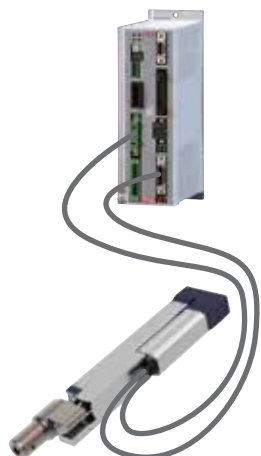
Applicable controller

1 axis

2 axes or more

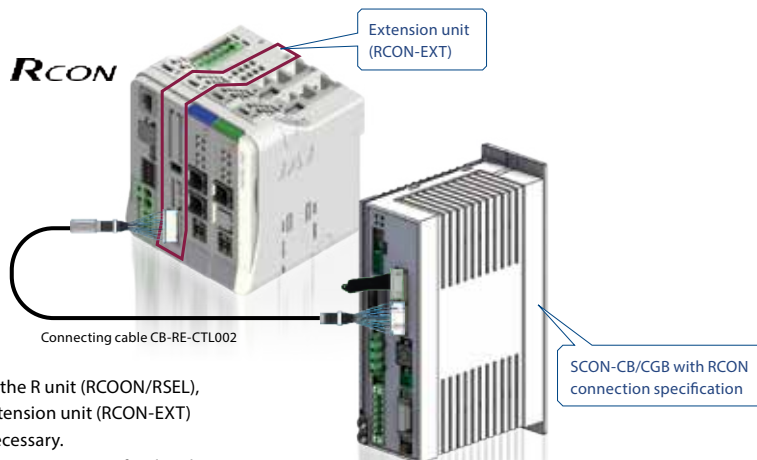
Complex operations (program type)

SCON controller



Actuator
■ 1 axis

RCON controller



To connect with the R unit (RCOON/RSEL), an additional extension unit (RCON-EXT) and SCON are necessary.

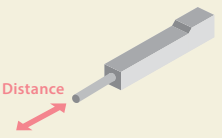
Refer to the each actuator page for details.

[Note] Not connectable to SCON-CB-F for press programs.

RCS3-RA15R/RA20R are not connectable to the R unit.

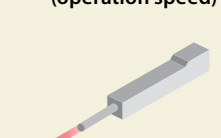
Description of Table and Reference Pages

1 Stroke



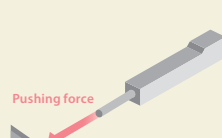
* The belt length shows selectable strokes.
Ex.) RA4R can select from 110 to 410mm.

2 Max. speed (operation speed)



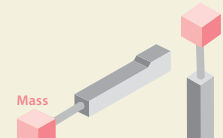
* Max. speed varies depending on the stroke.

3 Max. pushing force



* Pushing force is a guide figure. Refer to P.1-269 for details.

4 Payload



Horizontal Vertical

* Payload varies depending on acceleration and mounting posture.

| Series | Type | Stroke (mm) and Max. speed (mm/s) | | | | | | | | | | Lead (mm) | Rated thrust force (N) | Max. pushing force (N) | Payload (kg) | |
|--------|-------|---|-----|-----|-----|-----|-----|-----|-----|-----|------|-----------|------------------------|------------------------|--------------|----------|
| | | * The belt length = stroke * Figures in the belt = Max. speed by stroke | | | | | | | | | | | | | Horizontal | Vertical |
| | | 50 | 75 | 100 | 150 | 200 | 250 | 300 | 400 | 500 | 600 | | | | | |
| RCS3 | RA4R | | | 125 | | | | | | | | 2.5 | 126 | 200 | 3 | 3 |
| | RA6R | | 75 | | | | | | | | | 1.5 | 566 | 600 | 10 | 10 |
| | RA7R | | | 100 | | | | | | | | 2 | 849 | 1200 | 10 | 10 |
| | RA8R | | | 125 | | | | | | | | 2.5 | 1367 | 2000 | 10 | 10 |
| | RA10R | | | 125 | | | | | | | | 2.5 | 2713 | 6000 | 50 | 50 |
| RCS2 | RA13R | 85 | 120 | 125 | | | | | | | 2.5 | 5106 | 9800 | 100 | 100 | |
| | | | 62 | | | | | | | | 1.25 | 10211 | 19600 | 200 | 200 | |
| RCS3 | RA15R | | | 240 | | | | | | | 3.6 | 15577 | 30000 | 15 | 220 | |
| | RA20R | | | 220 | | | | | | | 4 | 25902 | 50000 | 15 | 220 | |