RCP6(S)-RRA8C

**Model Specification**

- **Series**: WA, 60P
- **Type**: RRA8C
- **Encoder Type**: 60P: Stepper Motor 66C2 Size
- **Motor Type**: WA: Battery-less Absolute
- **Cable Length**: 20: 20mm, 10: 10mm, 5: 5mm
- **Stroke**: 50: 50mm ~ 700: 700mm (50mm increments)
- **Applicable Controller/I/O Type**: (RCP6: P4-I/CON-C/FB-C/GBF (RCP6S)
  - SE: SIO Type
- **Cable Length Options**: 10 60 40
- **Options**: Stroke

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**Actuator Specifications**

**Lead and Payload**

(1) The maximum acceleration/deceleration is 0.1G for lead 5 and 0.2G for lead 10/20.
(2) The actuator specification displays the payload’s maximum value, but it will vary depending on the acceleration and speed.
(3) The radial cylinder is equipped with a built-in guide. Please refer to the graphs shown in P.127 and after for the allowable load mass.
(4) When performing push motion operation, please confirm the push force of each model by checking the "Correlation Diagrams of Speed and Payload" on P.115 for more details.
(5) For RCP6(S) built-in controller type, please limit the duty cycle to 70% or less.
(6) Please refer to P.114 for more information.

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**Stroke and Max. Speed**

(1) For RCP6(S) built-in controller type, please limit the duty cycle to 70% or less.
(2) When performing push motion operation, please confirm the push force of each model by checking the "Correlation Diagrams of Speed and Payload" on P.115 for more details.
(3) For RCP6(S) built-in controller type, please limit the duty cycle to 70% or less.
(4) The service life of an actuator varies depending on the payload when using vertically. Please refer to P.114 for more information.

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**Cable Length**

**Cable Type**

- Standard: P (1m)
- P4 (5m)
- M (10m)
- Specified Length: X06 (6m) ~ X10 (10m)
- X11 (11m) ~ X15 (15m)
- X16 (16m) ~ X20 (20m)
- Robot Cable: R01 (1m) ~ R03 (3m)
- R04 (4m) ~ R05 (5m)
- R06 (6m) ~ R10 (10m)
- R11 (11m) ~ R15 (15m)
- R16 (16m) ~ R20 (20m)

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**Actuator Specifications**

- Name: Option Code: Reference Page
- Brake: B See P.105
- Cable exit direction (Top): CJT See P.105
- Cable exit direction (Right): CJR See P.105
- Cable exit direction (Left): CIL See P.105
- Flange: FL See P.106
- Tip adapter (Internal thread): NFA See P.109
- Non-motor end specification: NML See P.110

# When selecting multiple options, please list them in alphabetical order. (e.g. B-CJB-NM)
**Dimensions**

- **RCP6S-RRA8C**

  - Status LED: M10×1.5
  - Connector for power supply/TE cable connector (Teaching port)

- **Dimensions and Mass by Stroke**

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- **Mass (kg)**

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**Applicable Controllers**

- **PCON-CFB/CGFB**

  - Input View: 1
  - Input DC: 24V
  - Selection: Option

**Reference page:** Please see P.131