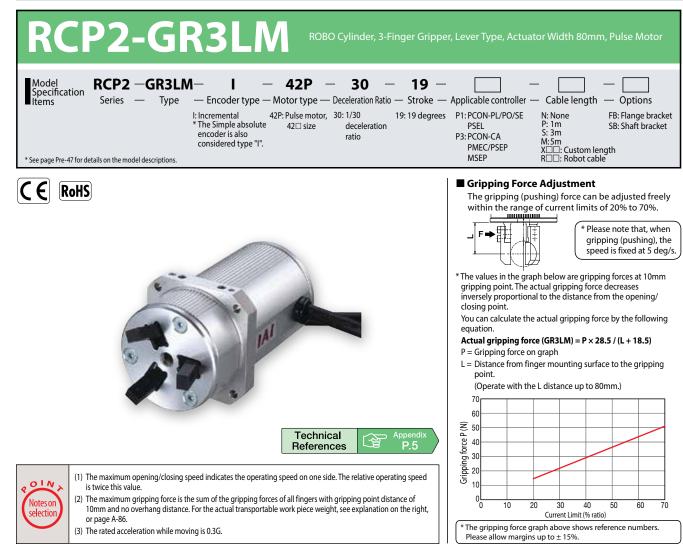
RCP2 ROBO Cylinder



| | Actuator Specifications |
|---|--------------------------------|
| _ | and and Davids ad |

| Lead and Payload | | | | Stroke and | Max. Opening/Closing Speed |
|------------------------------|--------------------|-------------------------------|-----------------|------------------------------|----------------------------|
| Model number | Deceleration Ratio | Maximum Gripping Force (N) | Stroke (deg) | Stroke Deceleration ratio | 19 (deg) |
| RCP2-GR3LM-I-42P-30-19-①-②-③ | 30 | 51 (17 per side) | 19 | 30 | 200 |
| | | | | | (Unit: degrees/s) |

Code explanation ① Applicable Controller ② Cable length ③ Options

| Stroke | |
|-----------------|----------------|
| Stroke (deg) | Standard price |
| 19 | — |

| ②Cable Length | | | | |
|----------------|-------------------------------------|----------------|--|--|
| Туре | Cable symbol | Standard Price | | |
| | P (1m) | _ | | |
| Standard | S (3m) | — | | |
| | M (5m) | _ | | |
| | X06 (6m) ~ X10 (10m) | — | | |
| Special length | X11 (11m) ~ X15 (15m) | _ | | |
| | X16 (16m) ~ X20 (20m) | _ | | |
| | R01 (1m) ~ R03 (3m) | _ | | |
| | R04 (4m) ~ R05 (5m) | _ | | |
| Robot Cable | R06 (6m) ~ R10 (10m) | _ | | |
| | R11 (11m) ~ R15 (15m) | | | |
| | R16 (16m) ~ R20 (20m) | | | |

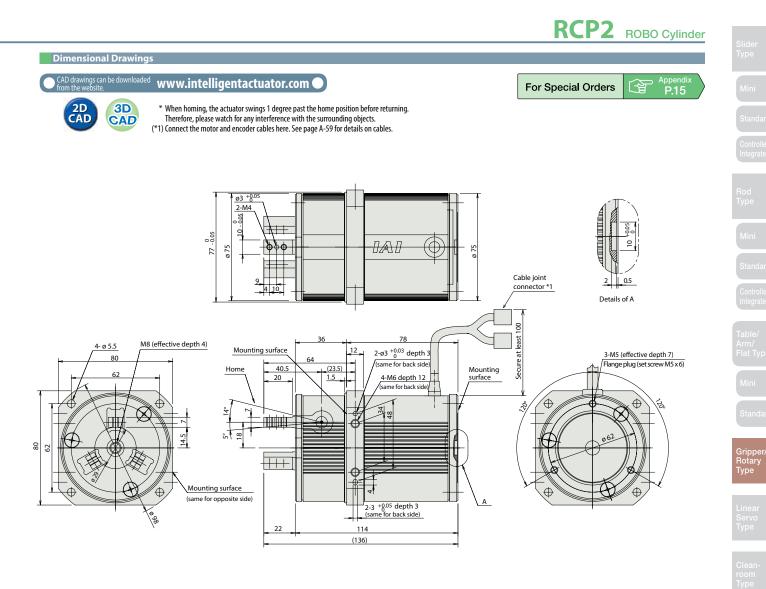
* See page A-59 for cables for maintenance.

| Actuator Specifications | |
|---|--|
| Item | Description |
| Drive System | Worm gear + worm wheel gear |
| Positioning repeatability | ±0.01 degrees |
| Backlash | 1 degree or less per side (constantly pressed out by a spring) |
| Lost motion | 0.15 degrees or less per side |
| Weight | 1.1kg |
| Ambient operating temperature, humidity | 0 to 40°C, 85% RH or less (Non-condensing) |

| 3 Options | | | |
|----------------|-------------|----------|----------------|
| Name | Option code | See page | Standard price |
| Flange bracket | FB | → A-43 | — |
| Shaft bracket | SB | → A-55 | _ |

Puls Moto

ripper/ Rotary Type



Weight (kg) 1.1

Maximum number of Input Power-supply Standard Reference

Servo Motor (24V)

Servo Motor (200V)

Linear Servo Motor

| Name | view | Model number | Features | positioning points | power | capacity | price | pag |
|---|------------------|----------------------|--|--------------------|------------------|------------------|-------|--------|
| Solenoid Valve Type | 100 | PMEC-C-42PI-①-2-① | Easy-to-use controller, even for beginners | | AC100V AC200V | Refer to P541 | _ | → P5 |
| | | PSEP-C-42PI-①-2-0 | Simple controller operable with the same signal as a solenoid valve | 3 points | | Refer to P555 | _ | → P5 |
| Solenoid valve multi-axis type PIO specification | inn ^a | MSEP-C | Positioner type based on PIO control, allowing up to 8 axes to be connected | | DC24V | Refer to | | → P56 |
| Solenoid valve multi-axis type Network specification | | MSEP-C | Field network-ready positioner type, allowing up to 8 axes to be connected | 256 points | | P572 | _ | |
| Positioner type High-output specification | | PCON-CA-42PI-①-2-0 | Equipped with a high-output driver Positioner type based on PIO control | 512 points | | Refer to P618 | _ | |
| Pulse-train type High-output specification | | PCON-CA-42PI-PL□-2-0 | Equipped with a high-output driver Pulse-train input type | (—) | | | — | → P607 |
| Field network type High-output specification | | PCON-CA-42PI-10-0-0 | Equipped with a high-output driver Supporting 7 major field networks | 768 points | | | — | |
| Pulse Train Input Type (Differential Line Driver) | | PCON-PL-42PI-①-2-0 | Pulse train input type with differential line driver support | (—) | | Refer to P628 | _ | |
| Pulse Train Input Type (Open Collector) | | PCON-PO-42PI-①-2-0 | Pulse train input type with open collector support | | | | _ | → P623 |
| Serial Communication Type | | PCON-SE-42PI-N-0-0 | Dedicated Serial Communication | 64 points | | | _ | |
| Program Control Type | | PSEL-CS-1-42PI-①-2-0 | Programmed operation is possible. Can operate up to 2 axes | 1,500 points | | Refer to P671 | _ | → P6 |

RCP2 series actuators can be operated with the controllers indicated below. Select the type according to your intended application.

① Applicable Controllers

ΙΑΙ

