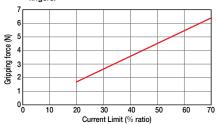
RCP2CR- GRLS **20P** 30 180 Motor - Deceleration Ratio -Stroke Encoder - Compatible Controll Cable Length Type Option N: None P:1m S:3m M:5m X : Custom NM: Rever 20P: Pulse motor 30: 1/30 180:180 degrees P1: PCON RPCON FB : Flange bracket * The simple absolute encoder is also 20 size deceleration (90 degrees per PSEL SB : Shaft bracket considered type "I". P3: PMEC * See page Pre-35 for an explanation of the naming convention



■ Gripping Force Adjustment

The gripping (pushing) force can be adjusted freely within the range of current limits of 20% to 70%.

* The gripping forces in the following diagrams indicate the sum of the gripping forces of both



* Please note that, when gripping (pushing), the speed is fixed at 5 degrees/s.

ontrollers integrated

Rod Type

Mini

Standard

Controllers integrated

- (1) The maximum opening/closing speed indicates the operating speed on one side. The relative operating speed is twice this value.
- value.

 The maximum gripping force is the sum of the gripping forces of both fingers, at a gripping point distance of 0mm and no overhang distance. The workpiece weight that can be actually moved depends on the friction coefficient between the gripper fingers and the workpiece, as well as on the shape of the workpiece. As a rough guide, a workpiece's weight should not exceed 1/10 to 1/20 of the gripping force.

 (See page A-77 for details.) (2)
- (3) The rated acceleration while moving is 0.3G

Actuator Specifications ■ Lead and Load Canacity

= Load and Load oupdony			
Model	Deceleration Ratio	Max. Gripping Force (N)	Stroke (deg)
RCP2CR-GRLS-I-20P-30-180-①-②-③	30	6.4	180 (90 per side)

	Stroke and I	Maxi. Opening/Closing Speed
	Stroke	180
	Deceleration Ratio	(deg)
	30	600

(Unit: degrees/s)

Legend: ① Compatible controllers ② Cable length ③ Options

Stroke List

Standard Price
-

② Cable List

Туре	Cable Symbol	Standard Price
Standard Type	P (1m)	-
	S (3m)	-
(Robot Cables)	M (5m)	-
	X06 (6m) ~ X10 (10m)	-
Special Lengths	X11 (11m) ~ X15 (15m)	-
	X16 (16m) ~ X20 (20m)	-

- * The standard cable is the motor-encoder integrated robot cable.
- * See page A-39 for cables for maintenance.

③ Option List			
Name	Option Code	See Page	Standard Price
Reversed-home	NM	→ A-33	-
Flange bracket	FB	→ A-26	-
Shaft bracket	SB	→ A-36	-

Actuator Specification	ons
Item	Description
Drive System	Worm gear + helical gear
Positioning Repeatability	±0.01mm
Backlash	1 degree or less per side (constantly pressed out by a spring)
Lost Motion	0.1 degree or less per side
Guide	-
Allowable Static Load Moment	-
Weight	0.2kg
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)

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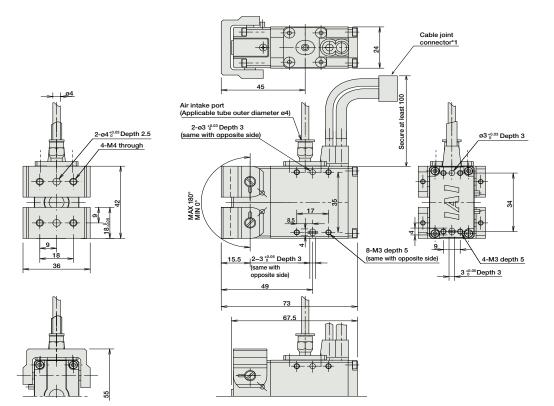


For Special Orders



- * The opening side of the slider is the home position.

 *1 The motor-encoder cable is connected here. See page A-39 for details on cables.



Weight (kg) 0.2

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page	
		PMEC-C-20PI-NP-2-①	Easy-to-use controller, even for beginners		AC100V AC200V	See P481	-	→ P477	
Solenoid Valve Type		PSEP-C-20PI-NP-2-0	Operable with same signal as solenoid valve. Supports both single and double solenoid types.	3 points			-	→ P487	
Splash-Proof Solenoid Valve Type		PSEP-CW-20PI-NP-2-0	No homing necessary with simple absolute type.				-		
Positioner Type		PCON-C-20PI-NP-2-0	Positioning is possible for up to 512 points	512 points			-		
Safety-Compliant Positioner Type		PCON-CG-20PI-NP-2-0	Positioning is possible for up to 512 points	512 points			-		
Pulse Train Input Type Differential Line Driver)		e l	PCON-PL-20PI-NP-2-0	Pulse train input type with differential line driver support	(-)	DC24V	2A max.	-	→ P525
Pulse Train Input Type (Open Collector)		PCON-PO-20PI-NP-2-0	Pulse train input type with open collector support	input type with	(-)		-		
Serial Communication Type	ĺ	PCON-SE-20PI-N-0-0	Dedicated to serial communication	64 points			-		
Field Network Type		RPCON-20P	Dedicated to field network	768 points			-	→ P503	
Program Control Type	Ē.	PSEL-C-1-20PI-NP-2-0	Programmed operation is possible Operation is possible on up to 2 axes	1500 points			-	→ P557	

IAI

RCP2CR-GRLS 414



Controllers

PMEC JAMEC
PSEP JASEP
ROBO NET
ERC2
PCON
ACON
SCON
PSEL
ASEL