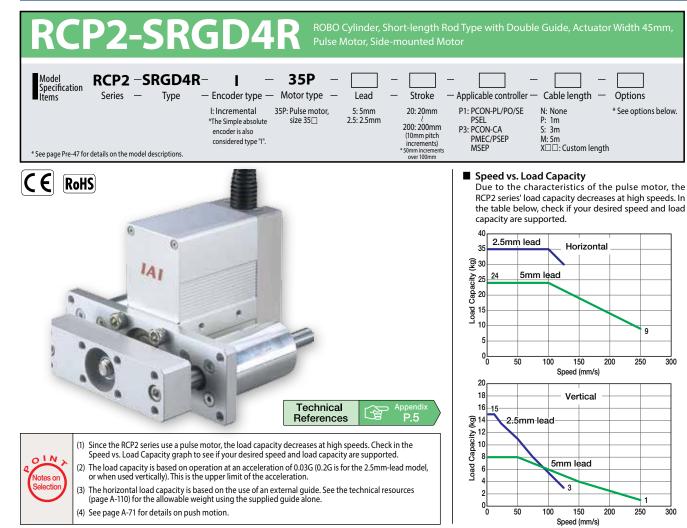
RCP2 ROBO Cylinder

Rod Type



Actuator Specifications

■ Leads and Payloads (Note 1) Please note that the maxim	num load capa	city decreases as the	speed increases. (No	ote 2) 50mm incre	ments over 100mm.	Stroke and	l Maximum Speed
Model number	Lead (mm)				Stroke (mm)	Stroke Lead	20~200 (every 10mm)
RCP2-SRGD4R-1-35P-5-①-②-③-④	5	~24	~8	112	20 to 200	5	250
RCP2-SRGD4R-1-35P-2.5-①-②-③-④	2.5	~35	~15	224	(every 10mm) (Note 2)	2.5	125
Lagand @Stroka @Applicable Controller	Cable	longth @	Ontions *s.				(Unit: mm/s)

Legend ① Stroke ② Applicable Controller ③ Cable length ④ Options *See page A-71 for details on push motion.

①Stroke	
①Stroke (mm)	Standard price
25 ~ 50	—
60 ~ 100	—
150	—
200	—

③Cable Length

Туре	Cable symbol	Standard price		
Chain aloud to us a	P (1m)	—		
Standard type (Robot cable)	S (3m)	—		
	M (5m)	—		
	X06 (6m) ~ X10 (10m)	—		
Special length	X11 (11m) ~ X15 (15m)	—		
	X16 (16m) ~ X20 (20m)	—		

* The cable is a motor-encoder integrated cable, and is provided as a robot cable.

* See page A-59 for cables for maintenance.

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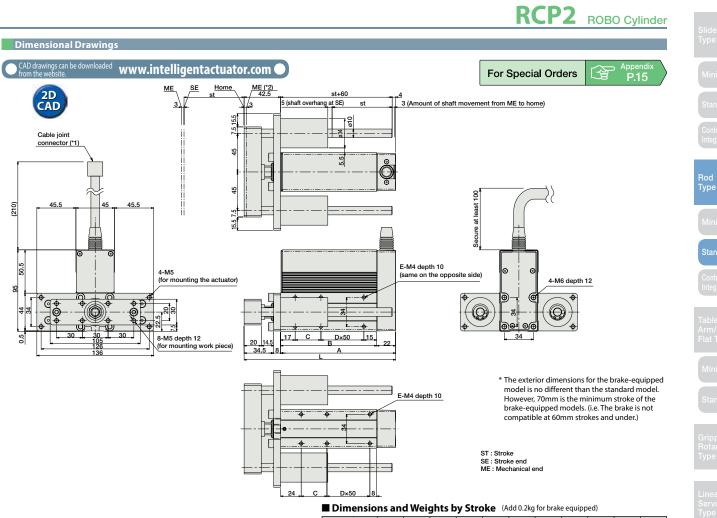
netuator opecifications	
Item	Description
Drive method	Ball screw, ø8mm, rolled C10
Positioning repeatability	±0.02mm
Lost motion	0.1mm or less
Rod diameter	ø22mm
Rod non-rotation precision	±0.05 deg
Ambient operating temperature/humidity	0 to 40°C, 85% RH max. (Non-condensing)

Name Option code Page Standard Price Brake В → A-42 Flange bracket (rear) FLR → A-46 Non-motor end specification NM → A-52

* The brake is available for strokes of 70mm or more.

④Options

Puls Moto



(*1) Connect the motor-encoder integrated cable here. (See page A-59 for details on cables.)

Stroke	20	30	40	50	60	70	80	90	100	150	200
L	126.5	136.5	146.5	156.5	166.5	176.5	186.5	196.5	206.5	256.5	306.5
A	84	94	104	114	124	134	144	154	164	214	264
В	62	72	82	92	102	112	122	132	142	192	242
C	30	40	50	60	70	30	40	50	60	60	60
D	0	0	0	0	0	1	1	1	1	2	3
E	4	4	4	4	4	6	6	6	6	8	10
Weight (kg)	1.47	1.55	1.62	1.7	1.77	1.84	1.92	1.99	2.07	2.44	2.81

(*2) When homing, the rod moves to the mechanical end position; therefore, please watch for any interference with the surrounding objects.

Name	External view	Model number	Features	Maximum number of positioning points	Input power	Power-supply capacity	Standard price	Referenc page
Colono di Malua Turco	1	PMEC-C-35PI-①-2-①	Easy-to-use controller, even for beginners		AC100V AC200V	Refer to P541	Ι	→ P537
Solenoid Valve Type		PSEP-C-35PI-①-2-0	Simple controller operable with the same signal as a solenoid valve	3 points		Refer to P555	_	→ P547
Solenoid valve multi-axis type PIO specification	ine!	MSEP-C	Positioner type based on PIO control, allowing up to 8 axes to be connected		-	Refer to	_	→ P563
Solenoid valve multi-axis type Network specification	iiii _	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-35PI-①-2-0	Equipped with a high-output driver Positioner type based on PIO control	512 points	DC24V		-	→ P607
Pulse-train type High-output specification		PCON-CA-35PI-PL□-2-0	Equipped with a high-output driver Pulse-train input type	(—)		Refer to P618	-	
Field network type High-output specification		PCON-CA-35PI-10-0-0	Equipped with a high-output driver Supporting 7 major field networks	768 points	DC24V		_	
Pulse Train Input Type (Differential Line Driver)	D	PCON-PL-35PI-①-2-0	Pulse train input type with differential line driver support				_	
Pulse Train Input Type (Open Collector)		PCON-PO-35PI-①-2-0	Pulse train input type with open collector support	(—)		Refer to P628	_	
Serial Communication Type		PCON-SE-35PI-N-0-0	Dedicated Serial Communication	64 points			_	
Program Control Type		PSEL-CS-1-35PI-①-2-0	Programmed operation is possible. Can operate up to 2 axes	1,500 points		Refer to P671	_	→ P665

IAI

Pulse Motor

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RCP2-SRGD4R