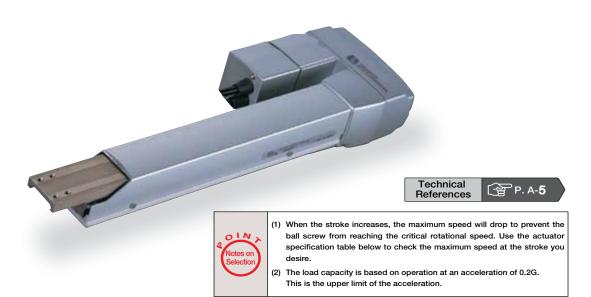
ROBO Cylinder Arm Type Side-Mounted Motor 40mm Width 200V Servo Motor Ball Screw ■ Configuration: RCS2 — A4R 20 T1: XSEL-J/K T2: SCON See Options below
\* Be sure to specify
which side the motor is N : None P : 1m I : Incremental 20: 20W Servo 10:10mm 50: 50mm 5:5mm 200: 200mm (50mm pitch S : 3m M : 5m SSEL to be mounted (ML/MR). XSEL-P/Q increments) X 🗆 🗆 : Custom \* See page Pre-35 for an explanation of the naming convention. : Robot cable



#### Actuator Specifications ■ Lead and Load Capacity ■ Stroke and Maximum Speed Lead Max. Load Capacity 50 ~ 200 RCS2-A4R-①-20-10-②-③-④-B-⑤ 2.5 330 10 39.2 10 50~200 RCS2-A4R- 1 -20-5- 2 - 3 - 4 -B- 5 4.5 78.4 ncrements 5 165 Legend: ① Encoder ② Stroke ③ Compatible controller ④ Cable length ⑤ Options (Unit: mm/s)

Encoder & Stroke List				
② Stroke (mm)	Standard Price			
	① Encoder			
	Incremental	Absolute		
	1	Α		
50	_	_		
100	-	-		
150	_	_		
200	_	_		

4) Cable List						
Туре	Cable Symbol	Standard Price				
Standard Type	P (1m)	_				
	<b>S</b> (3m)	-				
	<b>M</b> (5m)	_				
Special Lengths	X06 (6m) ~ X10 (10m)	-				
	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)	_				
	R04 (4m) ~ R05 (5m) R06 (6m) ~ R10 (10m) R11 (11m) ~ R15 (15m)	- - - -				

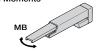
<sup>\*</sup> See page A-39 for cables for maintenance.

⑤ Option List						
Option Code	See Page	Standard Price				
В	→ A-25					
MB	→ A-33	1				
MR	→ A-33	1 -				
ML	→ A-33					
NM	→ A-33	1				
	B MB MR ML	$\begin{array}{cccccccccccccccccccccccccccccccccccc$				

Item	Description			
Drive System	Ball screw ø8mm C10 grade (ball screw speed reduced by 1/2 by timing belt)			
Positioning Repeatability	±0.02mm			
Lost Motion	0.1mm or less			
Base	Material: Aluminum (white alumite treated)			
Allowable Load Moment	Ma: 2.7 N·m Mb: 3.1 N·m Mc: 2.9 N·m			
Ambient Operating Temp./Humidity	0~40°C, 85% RH or less (non-condensing)			



Actuator Specifications





323 RCS2-A4

Linea Servo Moto

For Special Orders



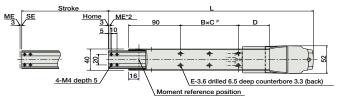


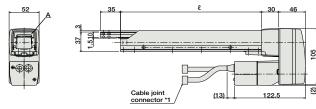


- \*1 The motor-encoder cable is connected here. See page A-39 for details on cables.
  - When homing, the rod moves to the ME; therefore, please watch for any interference with the surrounding objects.

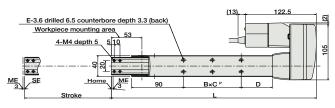
    ME: Mechanical end SE: Stroke end

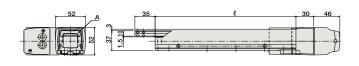
#### Bottom-mounted motor (option code: MB)



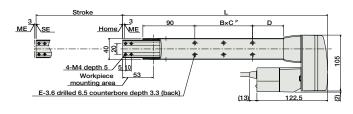


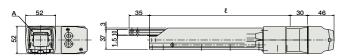
### Right-mounted motor (option code: MR)

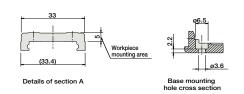




# Left-mounted motor (option code: ML)







#### ■ Dimensions and Weight by Stroke

<b>=</b> 2ooooooog						
Stroke	50	100	150	200		
L	255	305	355	405		
l	144	194	244	294		
B×C⁵	1×19	1×50	2×50	2×50		
D	35	54	54	104		
E	4	4	6	6		
Weight (kg)	1.7	1.8	2.0	2.1		

## ③ Compatible Controllers

The RCS2 series actuators can operate with the controllers below. Select the controller according to your usage

Name	External View	Model	Description	Max. Positioning Points	Input Voltage	Power Supply Capacity	Standard Price	See Page
Positioner Mode		SCON-C-20①-NP-2-(2)	Positioning is possible for up to 512 points	512 points	Three-phase AC200V 15	360VA max.	-	→ P547
Solenoid Valve Mode			Operable with the same controls as the solenoid valve	s the solenoid 7 points				
Serial Communication Type			Dedicated to serial communication	64 points				
Pulse Train Input Control Type			Dedicated to pulse train input	(-)		* When operating a 150W single-axis model		
Program Control 1-2 Axes Type		SSEL-C-1-20①-NP-2-②	Programmed operation is possible Operation is possible on up to 2 axes	20000 points			-	→ <b>P577</b>
Program Control 1-6 Axes Type	Pilled	XSEL-③-1-20①-N1-EEE-2-④	Programmed operation is possible Operation is possible on up to 6 axes	20000 points			-	→ <b>P</b> 587

- \* For SSEL and XSEL, only applicable to the single-axis model.

  \* ① is a placeholder for the encoder type (I: incremental, A: absolute).

  \* ② is a placeholder for the power supply voltage (1: 100V, 2: single-phase 200V).

  \* ③ is a placeholder for the XSEL type name ("J", "K", "P", or "O").
- \* 4 is a placeholder for the power supply voltage (1: 100V, 2: single-phase 200V, or 3: three-phase 200V).

Table/Arm /Flat Type

PMEC (AMEC)
PSEP (ASEP)
ROBO (NET)
ERC2
PCON
ACON
SCON
PSEL
ASEL
SSEL