Single Axis Robots RS1 - Motor Folded -

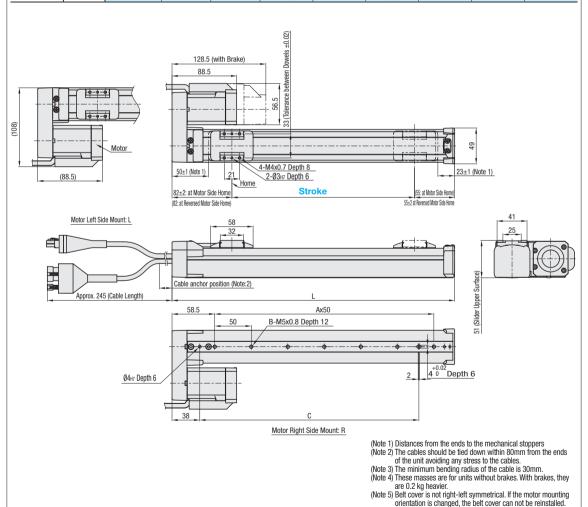
Dedicated Website: http://download.misumi.jp/mol/fa soft.html

Useful Selection Software and Instruction Manuals can be downloaded.

?See notes on CE Marking. № P.456



Standard	Standard Specifications FAQ 🐷 P.504											
Туре	Lead	Positioning	Max Load C	apacity (kg)	Max. Push	Stroke	Max. Velocity	Rated	Input Power	Maximum		
Type	(mm)	Repeatability (mm)	Horizontal	Vertical	Force (N)	(mm)	(mm/sec)	Running Life	Supply	Positioning Point		
	02		6	4	150	50~400	100	10.000 km or	DC24V			
RS1	06	±0.02	4	2	90	50~400 (50 Pitch)	300	More	±10%	255 points		
	12		2	1	45	(50 PILCII)	600	IVIOLE	±10%	·		



Dimensions / Mass											
Туре	Dimensions /				Stroke	(mm)					
туре	Mass	50	100	150	200	250	300	350	400		
	L (mm)	187	237	287	337	387	437	487	537		
	A (mm)	2	3	4	5	6	7	8	9		
RS1	B (mm)	3	4	5	6	7	8	9	10		
	C (mm)	100	150	200	250	300	350	400	450		
	Mass (kn)	12	1.4	1.5	1.6	17	1.8	1 0	21		

	Part Num	ber		Selection							
Туре	Lead (mm)	With or w/o Brake (1)	Motor Mounting Direction	Controller (?2)	I/O Module	Cable Length (m)	Stroke (mm)				
	02			Point Control: C1	NPN: N	1 2					
RS1	06		Right Side Mount: R Left Side Mount : L	Pulse Control: P1	PNP: P CC-Link: C	5	50~400 (50mm Increment)				
	12	_		(DC24V ±10%)	DeviceNet: D	10 (Flexible Cable)	,				

(🖭) Choose the "Brake" option for use in vertical applications. (🖭) When the pulse train type controller is selected, the I/O type selection is not required.

Ordering	Part Number	-	Motor Mounting Direction	-	Col
Example	RS102B	-	L	-	

ıg	Part Number	-	Motor Mounting Direction	-	Controller	-	I/O Module	-	Cable Length	-	Stroke	
le	RS102B	-	L	-	C1	-	N	-	3	-	400	
	RS102B	_	L	-	P1			-	3	_	400	(Controller: F

Robot Body Price

Dovt				Unit Price	1 ~ 2 pc(s).									
Part Number		Stroke (mm)												
Hamboi	50	100	150	200	250	300	350	400						
RS1														
RS1 B														

Contro	ller Price	Cable Price				
Type	I/O Module	Unit Price	Cable Length (m)	Unit Price		
	N		1			
C1	P		3			
CI	С		5			
	D		10			
P1	-					

Vertical Use

A Note

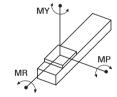
Power interruption circuit is not provided in this controller in order to provide maximum flexibility for customer specific safety scheme. Please he sure to provide an external power interruption circuit and form an emergency stop circuit. For Circuit examples, see E P503

■Allowable Overhang Load

· Horizontal Use

· Wall Mounted Use





		N•m
MY	MP	MR
16	19	17

				mm					mm				
Lead	Mass	Α	В	С	Lead	Mass	Α	В	С	Lead	Mass	Α	С
02	6kg	863	40	60	02	6kg	39	26	789	02	4kg	53	53
02	4kg	869	61	92	02	4kg	72	48	829	02	2kg	118	118
	4kg	567	56	84		4kg	63	43	507	06	2kg	107	107
06	3kg	556	76	112	06	3kg	92	62	516	00	1kg	223	223
	2kg	687	116	169		2kg	149	102	656	12	1kg	204	204
12	2kg	667	107	152	12	2kg	133	93	611	12	0.5kg	407	408
12	1kg	807	218	292	12	1kg	274	204	776				

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Туре	Lead (mm)		Stroke (mm)										
Type	(mm)	50	100	150	200	250	300	350	400				
	02		100										
RS1	06												
	12		400~600										

<Price Example> The prices are for the part numbers on the left. (Controller)



ic.)	(Grease Type Alteration) + (Change of Home Position) =	Total Price
	· · · · · · · · · · · · · · · · · · ·	

Please confirm the details of the Max. Speeds based

Alterations	Grease Type Alteration	Change of Home Position	Handset Terminal Standard Specification		w/ USB Communication Cable	W / D-Sub Communication Cable	T: Controller C1	connection	Instruction Manual MJ5: Body KJ3:Controller (C1) KJ4:Controller (P1)	Main Body Plastic Color Alterations
Code	G	E	H	D	S	R	T/TP	С	MJ5/KJ3/KJ4	BC
Spec.	Grease is changed to low particle generation grease. (NSK LG2)		Sparifications war P503 507	Handset Terminal w/ Deadman's Switch is included. Specifications ear P.503, 507	Communication Cable is included.	D-Sub Communication Cable is included.		A cable to connect multiple controllers. It can connect maximum 16 controllers. Specifications FT P507	Operation Manual is included. For Actuator MJ5: For Controller KJ3:	Change the actuator plastic parts color to black.

[•] For optional items, see **E P507** • It is more economical to order the optional items as alterations than purchasing them individually.

• Entering point data requires the handy terminal or the support software.

• An I/O Cable is required for Parallel Communication I/O Control.

PFor details on daisy-chain, see 壓 P.507 Please select the correct I/O cable type for the appropriate controller type.