	Part Number		Selections						
Туре	Lead (mm)	Brake (01)	Controller (O2)	I/O Module	Cable Length (m)	Stroke (mm)			
	06		Point Control: C1	NPN: N	1				
RS3	12	None: Blank Included: B	Pulse Control: P1	PNP: P CC-Link: C	5	50–800 50 mm Increment			
	20		DC24V ±10%	DeviceNet: D	10 Flexible Cable				

(O1) Choose with brake type for use in vertical alignment. With brake type is not available for Lead 20.



A Note

A power interruption circuit is not installed in this controller in order to provide maximum flexibility for customer specification safety scheme. Please be sure to build an external power interruption circuit and form an emergency stop circuit. For Circuit Examples, see **P.511**.

Allowable Static Moment

Vertical Use

Moment Diagram

		N • m
MY	MP	MR
32	38	34

Max. Velocity (mm/s)

Time	Lead		S	troke (mm)		
Туре	(mm)	50-600	650	700	750	800
	06	300 (250)	280 (250)	250	220	190
RS3	12	400-600 (500)	560 (500)	500	440	380
	20	350-1000	933	833	733	633

Please confirm the max speeds based on stroke with MISUMI Web Simulator.
 Value in () are for vertical application.
 For stroke ranges 650 mm or more, ball screws may resonate in certain operation areas (critical speed).

In that case, reduce the operation speed by referring to the Max. Velocity shown in the table above

		Part Number	-	Controller Types	-	I/O Types] -	Cable Length	-	Stroke	- (G, E, etc.)
*	Alterations	RS306B	-	C1	-	N	-	3	-	400	-	G-E
_												

Alterations	Grease Type Alteration	Change of Home Position	Handy Terminal Standard Specification	Handy Terminal with Deadman's Switch	Support Software with USB Communication Cable Communication Specification: RS232C	Support Software with D-Sub Communication Cable Communication Specification: RS232C	I/O Cable T: Controoler C1 TP: Controller P1	Cable for daisy-chain connection Length: 300 mm	Instruction Manual MJS: Body KJ3: Controller (C1) KJ4: Controller (P1)	Main Body Plastic Color Alterations
Code	G	E	H	D	S	R	T / TP	C	MJ5 / KJ3 / KJ4	BC
Spec.	Grease is changed to low particle generation grease. (NSK LG2)	The home position is relocated to the opposite side of the motor.	Handy Terminal is included. Specifications P.512	Handy Terminal with Deadman's Switch is included. Specifications P.512	Support Software with USB Communication Cable is included. Specifications P.512	Support Software with D-Sub communication cable is included. Specifications P.512	I/O cable is included. Required for NPN / PNP configurations. Specifications P.512	A cable to connect multiple controllers. Up to 16 controllers can be connected.	Operation Manual is included.	Change the actuator plastic parts color to black.

- O For optional items, see P.512. O 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.

Check out misumiusa.com for the most current pricing and lead time.

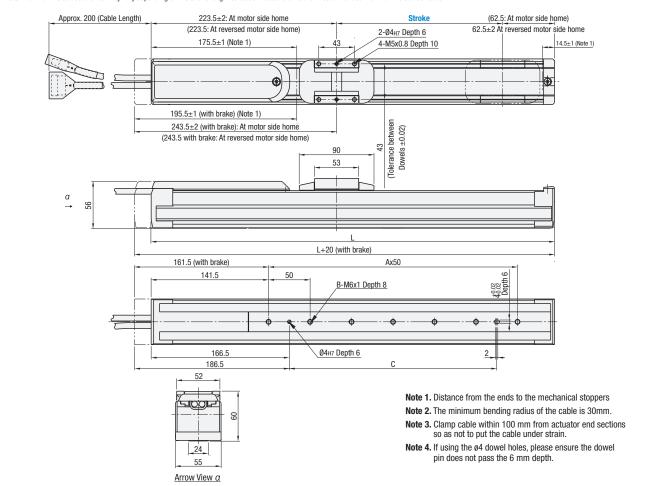
O Please select the correct I/O cable type for the appropriate controller type.

				Com
and the same of th	Actuator			Acc
· IIIIIIIiiiiiiiiiiiiiiiiiiiiiiiiiiiiii			Cable	Robo
Controller			of mesons	Sur
		Black plastic specification is applied to the main body.		Gene
		(Please specify as alterations)		Ba
			Instruction Manual CD-ROM	

ponents: Actuator, Controller, Cable ot M Side Covers Guide Rail Slider Aluminum Anodize rface Treatment eral Specification Resolver 0-40°C, 35-85% RH Stepping Controller Specification P.510 Cycle Time Graph P.515 Clean Spec. P.502 (C10 Rolled)

Standard Spec	cifications	lerminology P.513								
Tuno	Lead	Positioning	Maximum Loa	d Capacity (kg)	Maximum Push	Stroke	Maximum Velocity	Rated Running	Input Power	Maximum
Туре	(mm)	Repeatability (mm)	Horizontal	Vertical	Force (N)	(mm)	(Note) (mm/sec)	Life	Supply	Positioning Points
	06		12	4	120	50-800	300-190	40.0001	DC24V	
RS3	12	±0.02	8	2	60	(50 Pitch)	600-380	10,000 km or More	±10%	255 Points
	20		C		20	(SU FILCII)	1000 000	IVIOLG	±1070	

Note: Maximum velocities allowed may vary depending on the stroke length selected. Please refer to the "Recommended Maximum Velocities" table.



Dimensions / Mass

Tuno	Dimensions /								Stroke	e (mm)							
Туре	Mass	50	100	150	200	250	300	350	400	450	500	550	600	650	700	750	800
-	L (mm)	336	386	436	486	536	586	636	686	736	786	836	886	936	986	1036	1086
	A (mm)	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
RS3	B (mm)	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
	C (mm)	100	150	200	250	300	350	400	450	500	500	500	500	500	500	500	500
	Mass (kg)	2.4	2.6	2.8	3.0	3.2	3.4	3.6	3.8	4.0	4.2	4.4	4.5	4.7	4.9	5.1	5.3

The brake adds 0.2 kg to the total mass.



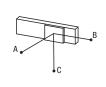
RS3

	Controller 1/0 Specifications										
	NPN, PNP	CC-Link	DeviceNet								
ories	Instruction Manual (CD-ROM),										
	Power Connector, Dummy Connector										
	CC-Link Connector DeviceNet Connector										
/later	Material / Surface Treatment										

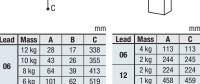
Allowable Overhang Load

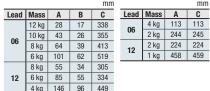
Horizontal Ilse

Lead Mass A B C



Wall Mount Use





4 kg 146 96 449

10 kg 442 47 78 8 kg 480 61 100 6 kg 573 83 136 8 kg 403 56 88 6 kg 399 76 118 4 kg 500 118 179 6 kg 352 71 104 6 kg 71 49 262 4 kg 366 109 148

20 4 kg 118 88 309 2 kg 599 225 291 2 kg 262 203 554







