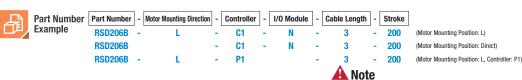
Part Number				Selection						
Туре	Lead (mm)	With or w/o Brake (01)	Motor Mounting Position	Controller (¹ 2)	I/O Module	Cable Length (m)	Stroke (mm)			
RSD2 RSDG2	02	Direct Mount: Leave blank	Point Control: C1	NPN: N	1					
	06	None: Leave blank Included: B	Right Side Mount: R Left Side Mount: L	Pulse Control: P1	PNP: P CC-Link: C	5 10 (Flexible Cable)	50~300 (50mm Increment)			
	12			(DC24V ±10%)	DeviceNet: D					

(O1) Choose "with brake" type for use in vertical applications.

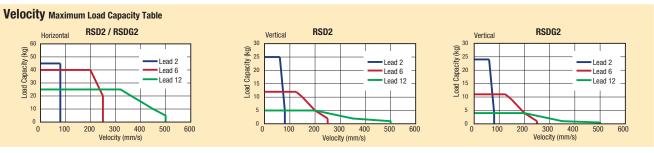
RSD2 / RSDG2

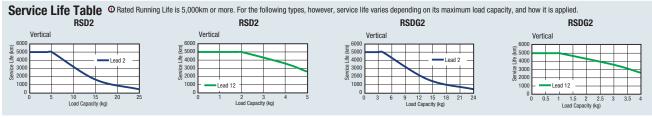
(O2) When the pulse train type controller is selected, the I/O type selection is not required.

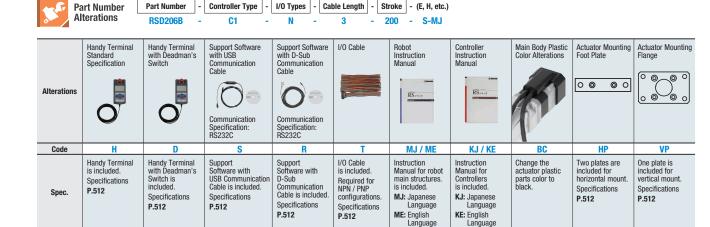
Motor mounting position R and L are not available for RSDG2. Motor mounting position U is not available for RSD2.



Power interruption circuit is not installed in this controller. Please be sure to provide an external power interruption circuit and form an emergency stop circuit. Circuit Examples P.511.







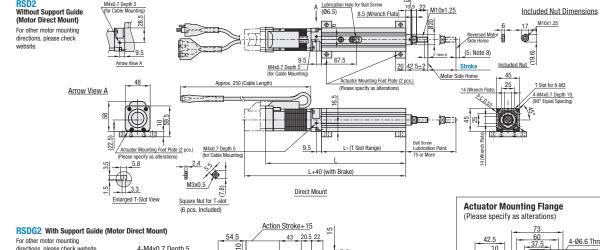
O For optional items, see P.512. O Optional items can be purchased more economically as Alterations than as single items

O Point data requires Handy Terminal or Support Software.

O Parallel Communication I/O Control requires I/O Cable.

	RSD2 Without Support Guide		Structural Components: Actuator, Controller, C Accessories						
ı	MSDZ without Support Guide	Nobuz with Support Guide			Contr	ontroller I/O Specifications			
ı	<u>k</u>		Accessories	NPN / PNP	CC-I	ink	Net		
	THE RESERVE TO SERVE THE PARTY OF THE PARTY			s Ir	nstruction Mani Dummy (ial on CD-F connector,			or,
ı				_	CC-Link C	Connector		DeviceNet Connector	
			Robot Material / Surface Treatment						
ı			Type	Components	Body	Rods	Cover	Shaft	Ball Bu
ı			RSD2	Material	Aluminum	Steel	ABS Resi	n —	
ı	· munt	Cable	NODZ	Surface Treatmen	t Acrylic Pain	t —			_
ı	olling		RSDG2	Material	Aluminum	Steel	ABS Resi	n Steel	Ste
ı		2 Marine	HODGE	Surface Treatmen	t Acrylic Pain	t —			_
ı	Controller	The state of the s	General S	pecifications					
			Туре	Ball Screws	Motor	Position Detecto		Operatin emperatu	
	Controller Specification P.510	Instruction Manual CD-ROM	RSD2 RSDG2	Ø8 (C10 Rolled)	Stepping	Resolve (Incremen		0–40°C, 3 (No Cond	35–85% F densation
ı				· · · · ·		·		-	

Standard Specifications Terminology P.513														
Туре	Lead	Positioning Repeatability		Maximum Load Capacity (kg) Horizontal Vertical Push Force Life ① 1	Lost Motion	Rod Non-Rotational Accuracy (degrees)		Stroke	Maximum Velocity 0 2	Controller Input Power	Maximum Positioning			
	(mm)	(mm)	Horizontal	RSD2	RSDG2	(N)	Life W I	(mm)	RSD2	RSDG2	(mm) (i	(mm/sec)	Supply	Points
RSD2	02		~45	~25	~24	600	E 000 km or				50-300	~80	DC24V	
	06	±0.02	~40	~12	~11	300	5,000 km or More	0.1 or Less	±1.0	±0.05		~250		255 Points
RSDG2	12		~25	~5	~4	150	More				(50 Pitch)	~500	±10%	



, please check website.	4-M4x0.7 Depth 5 (For mounting cable)	7.5 M4x0.7 Dep (For mounting of	oth 5 Cable) 9.5	3/.5 490.3 model
M4 x 0.7 Depth 5 (For mounting ca	9.5 L1 (T slot range	42.5 Stroke 10.5 (5) (5)	135 126 105 30 30 30 30 T slot p	8-M5 x 0.8 Depth 12 (For mounting user tooling)
	2+40 (With blanc)	Note	1. Load can be applied applied to rods whe	d only in axial direction. Ensure that no radial en in use.

Enlarged T-Slot View	5.8	Mounting Nuts (6 pcs. Included)	(3) (S)
<u>.</u> 75.	3.3	<u> </u>	M3x0.5

162.5 212.5 262.5 312.5 362.5 412.5 270.5 320.5 370.5 420.5 470.5 520.5

50 100 150 200

M3x0.5

(;	<i>31</i>					
Tumo			Stroke	(mm)		
Type	50	100	150	200	250	300
RSD2	1.4	1.7	1.9	2.2	2.4	2.7
RSDG2	2.0	2.4	2.7	3.0	3.3	3.7

Note 2. Width Across Flats orientation is not fixed in relation to the base surface.

Note 3. RSD2 drawing illustrates installed Actuator mounting feet.

Note 5. The minimum bending radius of the cable is R30.

Note 4. To ensure straight line travel, please use with Support Guide.

Dimensions

ient midity

1. Vertical travel service life varies depending on load capacity. Please check Service Life Table. 2. Maximum Velocity varies depending on load capacity. Please refer to Velocity — Maximum Load Capacity Table. RSD2 Without Support Guide







ass (kg)										
Tuna			Stroke	(mm						
Туре	50	100	150	2						
RSD2	1.4	1.7	1.9							
RSDG2	2.0	2.4	2.7							

Note 6. Clamp the cables to avoid loads.

There's more on the web: misumiusa.com

The mass of "With Brake" Type is 0.2 kg heavier.