[Motorized] XY-Axes Linear Ball Slide

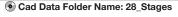
■Motorized Stage Technical Support Center Optical Scientific Technology (OST) Division Suruga Seiki Co. Ltd. (MISUMI Group) Japan TEL: 0120-343-559 (Toll-free number for Japan only)

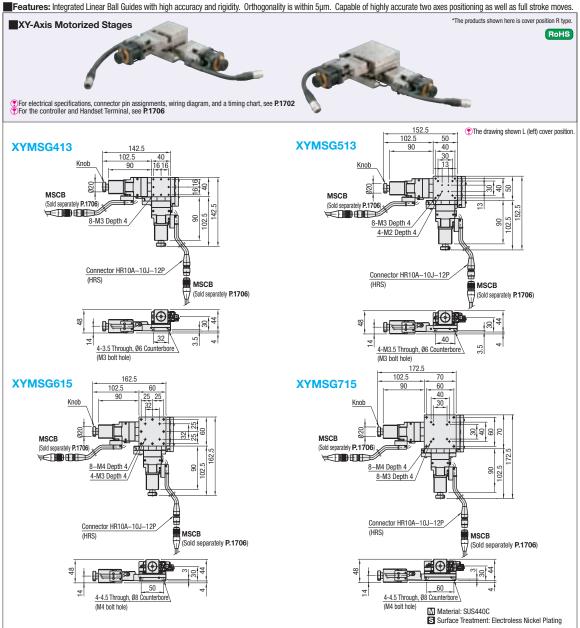
F-mail: e-ost@suruga co in Office Hours: From Monday through Friday (Except for Holidays) From 11:00~14:00, 15:00~19:00

[Motorized] Z-Axis Linear Ball Slide

Motorized Stage Technical Support Center
Optical Scientific Technology (OST) Division Suruga Selki Co. Ltd. (MSUMI Group). Japan
TEL: 0120-343-559 (Toll-free number for Japan only) E-mail: e-ost@suruga.co.ip Office Hours: From Monday through Friday (Except for Holidays) From 11:00~14:00, 15:00~19:00

• Cad Data Folder Name: 28_Stages





Part Number		Sensor			Stage	Travel Distance	Weight	Positioning	Motion	Ditching	Vouring	Load Capacity	Accessory (4 pcs.)	Unit Price
Туре	No.	Cover Position	Logic	Voltage (V)	(mm)	(mm)	(kg)	Accuracy	Straightness	Pitching	Yawing	(N)	Type M-L	Qty. 1~4
	413		A((All N.C.))	5	40x40	13	1.0		6µm 1µm	15" or	10" or	93.1	SCB3-8	67,431
XYMSG	513				50x50		1.2	6µm				92.1	SCB3-8	69,979
	615		C(Limit Switches are N.C.) Home Sensor is N.O.	24	60x60	15	1.7	or less or less	less	less	91.1	SCB4-8	70,889	
	715	L R			70x70		1.8					89.2	SCB4-8	75,166

Product images above are all for cover position R, and the drawings are all for cover position L type.

To orders larger than indicated quantity, please request a quotation

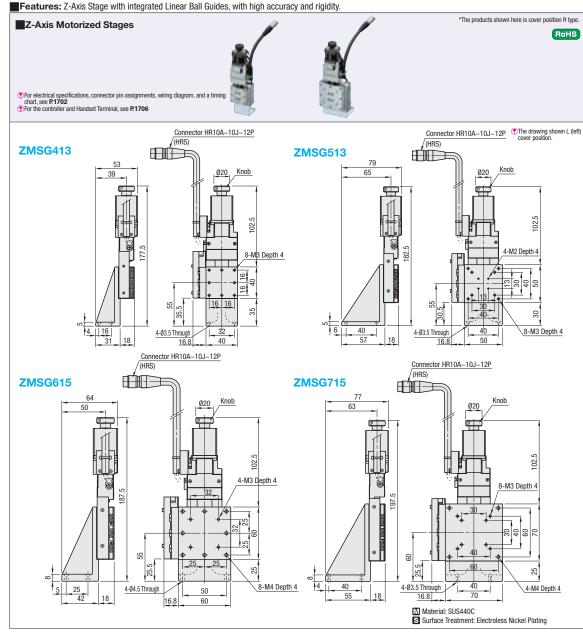




9 Days

24VDC sensors cannot be operated from the MSCTL102 controlle If the 5V sensors are selected, applying voltages exceeding 5V will damage the sensors.

[Common Specifications] The accuracy specifications below are certified for: Single axis horizontal mounting orientation.									
Feed Screws	Ball Screw Ø6, Lead 1		Repeatability	Less than ±0.5µm					
Guides	Linear Ball Guide		Lost Motion	Less than 1µm					
Resolution*1	2μm/Pulse (Full)		Backlash	Less than 0.5µm					
nesolution	1µm/Pulse (Half)		Motion Orthogonality	Within 5µm/Full Stroke					
MAX Speed*2	10mm/sec								
WAX Speed	(Pulse Rate: 5kHz)								

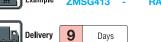


Part Nun	ber		;	Sensor		Stage	Travel Distance	Weight	Positioning	Motion	Pitching	Yawing	Load Capacity	Accessory (4 pcs.)	Unit Price
Туре	No.	Cover	Position	Logic	Voltage (V)	(mm)	(mm)	(kg) A	Accuracy	Straightness	Fitching	rawing	(N)	Type M-L	Qty. 1~4
	413				_	40x40	- 13	0.6						SCB3-8	35,854
ZMSG	513		1 	A (All N.C.)	5	50x50	13	0.8	6µm	1µm s or less	15" or less	10" or less	49.0	SCB3-8	38,038
ZIVISG	615			C(Limit Switches are N.C.) Home Sensor is N.O.	24	60x60	15 0.9	0.9	or less					SCB4-8	38,448
	715		R			70x70	- 15	1.2						SCB4-8	41,496

Product images above are all for cover position R, and the drawings are all for cover position L type

Sensor

24VDC sensors cannot be operated from the MSCTL102 controller If the 5V sensors are selected, applying voltages exceeding 5V will damage the sensors.



Part Number

[Common Specifications] The accuracy specifications below are certified for: Single axis horizontal mounting orientation.									
ı	Feed Screws	Ball Screw Ø6, Lead 1		Repeatability	Less than ±0.5µm				
Ī	Guides	Linear Ball Guide		Lost Motion	Less than 1µm				
	Resolution*1	2μm/Pulse (Full)		Backlash	Less than 0.5µm				
	nesolution i	1μm/Pulse (Half)							
ı	MAX Speed*2	10mm/sec							

(Pulse Rate: 5kHz)

^{* 2} Max. speed capable with our controller (MSCTL102) driving in Full Step mode, stage loaded at a max load capacity. (The value changes depending on the driver and controller used, or the load.)

^{* 1} Stage travel per one pulse.

^{* 2} Max. speed capable with our controller (MSCTL102) driving in Full Step mode, stage loaded at a max load capacity. (The value changes depending on the driver and controller used, or the load.)