

X-axis Linear Ball Guide (SS) Stage □100: BSS16-100

BSS16-100C



RoHS

Optional sample *The photo is for illustrative purpose only.
Please refer to optional introduction pages for details. ▶P.2-009~



1 Model Option code

BSS16-100 CR -

2 3 4 5 6

Select the option code as below.

	2 Feeding position				3 Operating position				4 Feeding type (Not available feeding position B/D when selecting)				5 Clamp type		6 Grease specification		
Specification	Standard micrometer A C	Coarse-fine micrometer B D <small>Travel distance ±0.5mm Minimum reading capability 0.5μm</small>	Standard	Opposite attached micrometer	Vertically attached micrometer	Up/Down-Left/Right opposite	Standard micrometer (P=0.5mm)	Feeding screw (Knob) (P=0.5mm)	Feeding screw (Knob) (P=1.0mm)	Degimatic Micrometer	Standard clamp	Disk clamp	Standard grease	Clean environment grease AFF	Grease for the vacuum FOMBLIN		
Code	A/C Center/Side	B/D Center/Side	Blank	R	Z	ZR	Blank	TP	GP	4	Blank	5	Blank	J	L		

Manual linear stage

X

XY

Z

Horizontal Z

XZ

Horizontal XZ

XYZ

Horizontal XYZ

Goniometer

Rotary

Unit

Accessories

Linear Ball

Cross Roller

Dovetail

□25

□30

□40

□50

□60

□70

□80

□100

□120

Other

SPEC

Model	BSS16-100A	BSS16-100AZ	BSS16-100C	BSS16-100CZ
(Opposite hand)	BSS16-100AR	BSS16-100AZR	BSS16-100CR	BSS16-100CZR
Stage table size	100×100mm			
Feeding position	Center		Side	
Travel distance	±12.5mm			
Minimum reading of micrometer	10μm			
Guide	Linear ball guide			
Load capacity	35.0kgf [343N]			
Travel accuracy	Straightness		Within 3μm	
	Pitching		Within 25"m	
	Yawing		Within 15"m	
Allowable load for moment	Pitch		31.8N · m	
	Yaw		31.8N · m	
	Roll		30.7N · m	
Moment rigidity	Pitch		0.02"/N · cm	
	Yaw		0.02"/N · cm	
	Roll		0.01"/N · cm	
Parallelism	Within 20μm			
Motion parallelism	Within 8μm			
Weight	1.33kg			
Main material—Surface finishing	Stainless—Electroless nickel plating			
Provided screws (Hex socket screws)	4 of M4—6			