

X-axis Linear Ball Guide (SS) Stage □25: BSS16-25/BSB16-25

BSS16-25C



BSB16-25C



RoHS

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

Cost reduction
Feeding screw



Prevention error • Space-saving
Feeding screw hexagonal wrench operation



1 Model

BSS16-25
BSB16-25CR □ - □

Option code

2 3 4 5

Select the option code as below.

	2 Feeding position		3 Operating position			4 Feeding type					5 Grease specification		
Specification	Standard micro A C	Standard	Opposite attached micrometer	Vertically attached micrometer	Up/Down-Left/Right opposite	Standard micro (P=0.5mm)	Feeding screw (Knob) (P=0.5mm)	Feeding screw (Knob) (P=0.25mm)	Feeding screw (Hex wrench) (P=0.5mm)	Feeding screw (Hex wrench) (P=0.25mm)	Standard grease	Clean environment grease AFF	Grease for the vacuum FOMGLIN
Code	A/C Center/Side	Blank	R	Z	ZR	Blank	1	FP	SH	FH	Blank	J	L

A color of the parts may be silver due to the option model.

SPEC

Model	BSS16-25A	BSS16-25AZ	BSS16-25C	BSS16-25CZ	BSB16-25A	BSB16-25AZ	BSB16-25C	BSB16-25CZ
(Opposite hand)	BSS16-25AR	BSS16-25AZR	BSS16-25CR	BSS16-25CZR	BSB16-25AR	BSB16-25AZR	BSB16-25CR	BSB16-25CZR
Stage table size	25×25mm							
Feeding position	Center		Side		Center		Side	
Travel distance	±3.2mm							
Minimum reading of micrometer	10μm							
Guide	Linear ball guide							
Load capacity	4kgf [39.2N]							
Travel accuracy	Straightness		Within 3μm					
	Pitching		Within 30"					
	Yawing		Within 25"					
Allowable load for moment	Pitch		2.0N · m					
	Yaw		2.0N · m					
	Roll		3.5N · m					
Moment rigidity	Pitch		1.9"/N · cm					
	Yaw		1.1"/N · cm					
	Roll		1.1"/N · cm					
Parallelism	Within 30μm							
Motion parallelism	Within 10μm							
Weight	0.07kg							
Main material—Surface finishing	Stainless—Electroless nickel plating				Stainless—Low temperature black chrome plating			
Provided screws (Hex socket screws)	4 of M2—4							