

## XY-axis Linear Ball Guide (SS) Stage □25: BSS26-25/BSB26-25

BSS26-25C



BSB26-25C



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



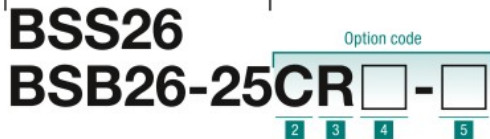
\*Image is for X-axis.

**Configuration**

Model	BSS (BSB) 26-	25A	25C	Reference page
X,Y	BSS (BSB) 16-	25A	25C	P.2-017~

\* Combination is model of BSS or BSB.  
\* R (opposite-hand) means configuration for X or Y axis of R.

**1 Model**



Select the option code as below.

	2 Feeding position			3 Operating position			4 Feeding type				5 Grease specification			
Specification	Standard micrometer A C	Standard	Opposite attached micrometer	Standard micrometer (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 FOMBLIN			
Code	A/C Center/Side	Blank	R	Blank	1	FP	SH	FH	Blank	J	L			

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

SPEC				
Model	BSS26-25A	BSS26-25C	BSB26-25A	BSB26-25C
(Opposite hand)	BSS26-25AR	BSS26-25CR	BSB26-25AR	BSB26-25CR
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	3.9kgf [38.2N]			
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	3.0"/N·cm		
	Yaw	2.2"/N·cm		
	Roll	2.2"/N·cm		
Parallelism	Within 30μm			
Motion parallelism	Within 10μm			
Squareness	Within 10μm			
Weight	0.14kg			
Main material—Surface finishing	Stainless—Electroless nickel plating		Stainless—Low temperature black chrome plating	
Provided screws (Hex socket screws)	4 of M2—4			

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