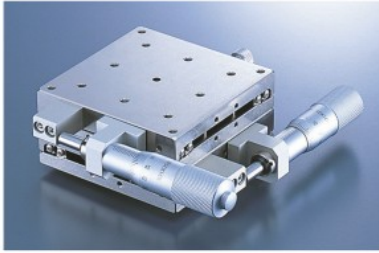
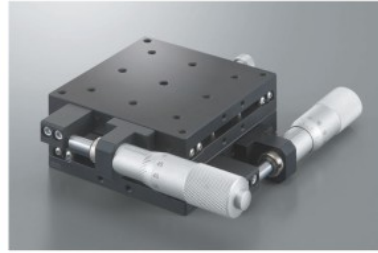


## XY-axis Linear Ball Guide (SS) Stage □80/□100: BSS26-80/100/BSB26-80

BSS26-80C



BSB26-80C



RoHS

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

**Precise positioning**  
Coarse-fine micrometer



\*Minimum scale 0.5μm.  
\*Stroke is ±6.5mm.  
\*Image is for X-axis.

**Cost reduction**  
Feeding screw



**Reduce the reading time**  
Degimatic micrometer



\*Image is for X-axis.

**Improve the fixing accuracy**  
Disk clamp



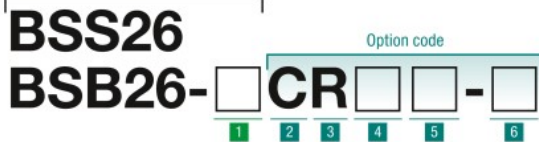
\*Image is for X-axis.

**Configuration**

Model	BSS (BSB) 26-	80A	80C	Reference page	100A	100C	Reference page
X,Y	BSS (BSB) 16-	80A	80C	▶ P.2-027~	100A	100C	▶ P.2-029~

\* Combination is model of BSS or BSB.  
\* BSB is only for 80.  
\* R (opposite-hand) means configuration for X or Y axis of R.

**1 Model**



Select the option code as below.

**1 Stage table size**

80*:	80×80mm
100	100×100mm

\*BSB is only □80

**6 Grease specification**

Standard grease	Clean environment grease AFF	Grease for the vacuum FOMBLIN
Blank	J	L

Specification	2 Feeding position		3 Operating position		4 Feeding type (Not available feeding position B/D when selecting)				5 Clamp type	
	Standard micrometer	Coarse-fine micrometer	Standard	Opposite attached micrometer	Standard micrometer (P=0.5mm)	Feeding screw (Knob) (P=0.5mm)	Feeding screw (Knob) (P=1.0mm)	Degimatic Micrometer	Standard clamp	Disk clamp
Code	A/C Center/Side	B/D Center/Side	Blank	R	Blank	TP	GP	4	Blank	5

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

**SPEC**

Model	BSS26-80A	BSS26-80C	BSS26-100A	BSS26-100C	BSB26-80A	BSB26-80C
(Opposite hand)	BSS26-80AR	BSS26-80CR	BSS26-100AR	BSS26-100CR	BSB26-80AR	BSB26-80CR
Stage table size	80×80mm			100×100mm		80×80mm
Feeding position	Center	Side	Center	Side	Center	Side
Travel distance	±12.5mm					
Minimum reading of micrometer	10μm					
Guide	Linear ball guide					
Load capacity	26.1kgf [255.8N]		33.6kgf [329.3N]		26.1kgf [255.8N]	
Travel accuracy	Straightness					
	Within 3μm					
	Pitching					
Within 25"						
Allowable load for moment	Yawing					
	Within 15"					
	Pitch					
17.7N·m		30.7N·m		17.7N·m		
Yaw		31.8N·m		18.2N·m		
Roll		30.7N·m		17.7N·m		
Moment rigidity	Pitch		0.03"/N·cm		0.06"/N·cm	
	Yaw		0.04"/N·cm		0.08"/N·cm	
	Roll		0.03"/N·cm		0.06"/N·cm	
Parallelism						
Within 40μm						
Motion parallelism						
Within 15μm						
Squareness						
Within 10μm						
Weight	1.8kg		2.66kg		1.8kg	
Main material—Surface finishing	Stainless—Electroless nickel plating				Stainless—Low temperature black chrome plating	
Provided screws (Hex socket screws)	4 of M4—6					

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