## X-axis Linear Ball Guide (SS) Stage ■80: BSS16-80/BSB16-80

BSS16-80C



BSB16-80C



Optional sample \*The photo is for illustrative purpose only.

Please refer to optional introduction pages for details. 
▶P.2-009∼

Cost reduction Reduce the reading time







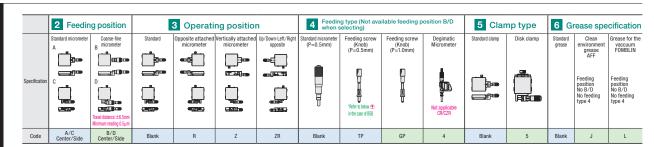


RoHS

1 Model **BSS16-80** Option code **BSB16-80CR** 

6

Select the option code as below.



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

		SPEC						
Model		BSS16-80A	BSS16-80AZ	BSS16-80C	BSS16-80CZ	В		
(Opposite hand)		BSS16-80AR	BSS16-80AZR	BSS16-80CR	BSS16-80CZR	BS		
Stage table size		80×80						
Feeding position		Cei	nter	Side				
Travel distance		±12.5m						
Minimum reading of micrometer		10μm						
Guide		Linear ball g						
Load capacity		27.0kgf [264						
Travel accuracy	Straightness	Within 3,						
	Pitching	Within 2						
	Yawing	Within 1						
Allowable load for moment	Pitch				18.2	N • r		
	Yaw	18.2N · ı						
	Roll	17.7N ·						
Moment rigidity	Pitch	0.04"/N						
	Yaw	0.04"/N						
	Roll				0.02"/	/N •		

	SPEC									
Model		BSS16-80A	BSS16-80AZ	BSS16-80C	BSS16-80CZ	BSB16-80A	BSB16-80AZ	BSB16-80C	BSB16-80CZ	
(Opposite hand)		BSS16-80AR	BSS16-80AZR	BSS16-80CR	BSS16-80CZR	BSB16-80AR	BSB16-80AZR	BSB16-80CR	BSB16-80CZR	
Stage table size		80×80mm								
Feeding position		Center		Side		Center		Side		
Travel distance		±12.5mm								
Minimum reading of micrometer		10μm								
Guide		Linear ball guide								
Load capacity		27.0kgf [264.6N]								
Travel accuracy	Straightness	Within 3μm								
	Pitching	Within 25"								
	Yawing	Within 15"								
Allowable load for moment	Pitch	18.2N · m								
	Yaw	18.2N · m								
	Roll	17.7N ⋅ m								
Moment rigidity	Pitch	0.04"/N·cm								
	Yaw	0.04"/N·cm								
	Roll	0.02″/N · cm								
Parallelism		Within 20 $\mu$ m								
Motion parallelism		Within 8μm								
Weight		0.90kg								
Main material—Surface finishing			Stainless—Electroless nickel plating			Stainle	Stainless—Low temperature black chrome plating			
Provided screws (Hex socket screws)		4 of M4—6								
		•								

Horizontal XZ

Linear Ball

Cross Roller

**Dovetail** 

**25** <u></u>40 **□60** 

80

Other

027