

XY-axis Dovetail Stage □25: B05/B08/BDBYS/BDBYR (18×60)

RoHS

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

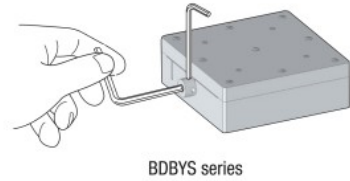
□100

□120

Other

Type	Product image	Features
Rack and pinion	Stage table size 25×25mm B05-02 	[Features] • Table size □25mm small type.
	Stage table size 25×25mm B08-2 	[Features] • Feeding screw XY-axis type lead 0.5mm. • Saving-space and prevention error operation by using hex wrench type.

Feeding screw	Short lead	Stage table size 25×25mm BDBYS-25 	[Features] • Feeding screw XY-axis type lead 0.5mm. • Saving-space and prevention error operation by using hex wrench type.
		Stage table size 18×60mm BDBYR-1815 	



■ Configuration

Model	B05-02	B08-2	BDBYS-25	BDBYR-1815
Y-axis/Reference page	B05-01/CP.2-099~	B08-1/CP.2-099~	BDBXS-25/CP.2-099~	—
X-axis/Reference page	B05-01/CP.2-099~	B08-1/CP.2-099~	BDBXS-25/CP.2-099~	—

SPEC				
Model	B05-02	B08-2	BDBYS-25	BDBYR-1815
(Opposite hand)	B05-02R	B08-2R	—	—
Stage table size	25×25mm		18×60mm	
Travel distance	XY:±5mm		XY:±3mm	XY:±7.5mm
Travel distance per rotation of knob	17mm	0.5mm		—
Minimum reading capability	Vernier scale 0.1mm		—	Vernier scale 0.1mm
Load capacity	2.9kgf [28.4N]		1.5kgf [14.7N]	
Travel accuracy	Straightness			
	—			
	Pitch	0.5N · m	1.3N · m	—
	Yaw	0.5N · m	1.5N · m	—
Allowable load for moment	Roll	0.5N · m	1.3N · m	—
	—			
XY orthogonality	70μm		—	
Weight	0.18kg	0.15kg	0.12kg	0.44kg
Main material — Surface finishing	Brass — Black coating finish			Aluminum — Black alumite processing
Provided screws (Hex socket screws)	4 of M2—12	4 of M2—8	3 of M2—6	2 of M4—8