

Rotary Stage (Cross Roller Bearing Type (Stainless Type)) $\phi 60$: BS43 Series

BS43-60



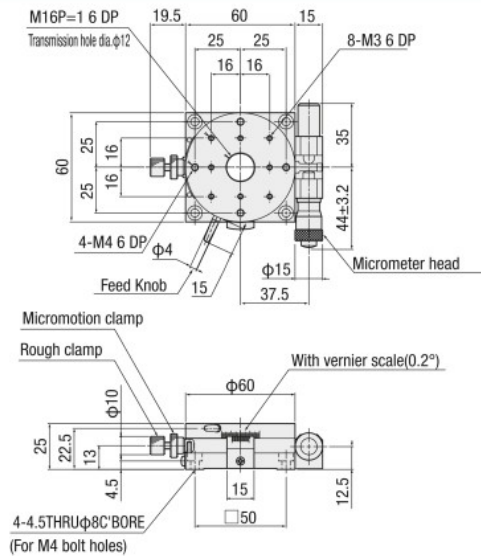
RoHS

■ Available coarse motion 360 degree and fine motion (micrometer head).
High rigidity of materials because of stainless made.

SURUGA SEIKI

CAD
3D·2D

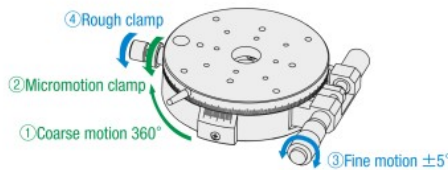
BS43-60



How to use a rotary stage

Micromotion positioning after rough positioning

- ① A rough adjustment to the target angle with feeding knob
- ② Squeeze a rough clamp and fix.
- ③ A micromotion adjustment to the target angle with micrometer.
- ④ Squeeze a micromotion clamp and fix.



SPEC

Model	BS43-60
(Opposite hand)	BS43-60R
Stage table size	$\phi 60$ mm
Travel distance	Coarse motion 360° Fine motion $\pm 5^\circ$
Vernier minimum reading	Vernier scale 0.2°
Minimum reading of micrometer	$\approx 55''$ /Scale
Guide	Cross roller bearing
Load capacity	5.0kgf [49.0N]
Allowable load for moment	5.0N · m
Moment rigidity	0.15''/N · cm
Parallelism	50 μ m
Eccentricity amount	50 μ m
Runout amount	20 μ m
Weight	0.58kg
Main material—Surface finishing	Stainless
Provided screws (Hex socket screws)	4 of M4—8

Manual rotation stage

X

XY

Z

Horizontal Z

XZ

Horizontal XZ

XYZ

Horizontal XYZ

Goniometer

Rotary

Unit

Accessories

Fitting Type

Cross Roller

$\phi 24$

$\phi 38$

$\phi 60$

$\phi 85$

$\phi 100$

$\phi 110$

2

174