

## Z-axis Dovetail Stage 40×80: B05

RoHS

Type

Product image

Features

Rack and pinion

Stage table size 40×80mm

B05-13NH

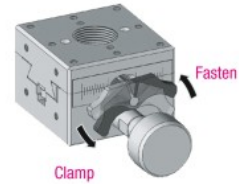


B05-13B



【Features】

- Original clamp is adapted.
- With vernier scale(0.1mm).



Feeding screw

Long lead

Stage table size 40×80mm

B05-23K



B05-23KR (Opposite hand type)



【Features】

- Feeding screw(long-lead) XY-axis stage is mounted to Z-axis bracket.
- Excellent for operation from upper.
- Fix stage firmly.



### Configuration

| Model                   | B05-13NH           | B05-13B            | B05-23K            |
|-------------------------|--------------------|--------------------|--------------------|
| Bracket /Reference page | A47-4/ P.2-179     | A47-4/ P.2-179     | A47-4/ P.2-179     |
| X-axis/Reference page   | B05-11NH/ P.2-105~ | B05-13BM/ P.2-105~ | B05-21KM/ P.2-105~ |

### SPEC

| Model                                | B05-13NH                            | B05-13B                        | B05-23K  |
|--------------------------------------|-------------------------------------|--------------------------------|----------|
| (Opposite hand)                      | B05-13NHR                           | B05-13BR                       | B05-23KR |
| Stage table size                     | 40×80mm                             |                                |          |
| Travel distance                      | +30—15mm                            |                                |          |
| Travel distance per rotation of knob | 20mm                                | Rough:20mm micromotion: ≒2.6mm | 4.2mm    |
| Minimum reading capability           | Vernier scale 0.1mm                 |                                |          |
| Load capacity                        | 1.5kgf [14.7N]                      |                                |          |
| Travel accuracy                      | Straightness 30μm                   |                                |          |
| Allowable load for moment            | Pitch 4.0N・m                        |                                |          |
|                                      | Yaw 3.0N・m                          |                                |          |
|                                      | Roll 2.0N・m                         |                                |          |
| Weight                               | 0.46kg                              |                                | 0.39kg   |
| Main material — Surface finishing    | Aluminum — Black alumite processing |                                |          |
| Provided screws (Hex socket screws)  | 4 of M3—8                           |                                |          |

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80

100

120

Other

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