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## 手动位移平台

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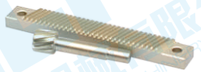
### ▶ 导轨类型

| 导轨类型 | 图示 | 说明 | 特长 |
|---|---|---|---|
| 交叉导轨型 | | 由两根具有V型滚道的导轨、滚子保持架圆柱滚子等组成，相互交叉排列的圆柱滚子在经过精密磨削的V型滚道面上往复运动，可承受各个方向的载荷，实现高精度、平稳的直运动。 | 高精度，容易调整预压 |
| 钢条滚珠型 | | 将钢线(淬火轴)分别并列固定在平台主体侧和移动台侧，其中间配置钢球的移动导轨。 | 质量轻，运动顺畅，负载较轻，低价格 |
| 直线滚珠型 | | 采用哥德式圆弧槽，滚珠与轨道成45度四点接触，该结构可实现高精度、平滑的移动。 | 高精度，高刚性，薄型 |
| 燕尾槽型 | | 燕尾槽式面接触的滑动移动导轨。 | 移动量大，可快速移动，工作频率可较高 |

### ▶ 驱动方式

| 驱动方式 | 图示 | 旋转一圈的移动量 | 特长 |
|---|---|---|---|
| 微分头 | | 0.5mm<br>0.25mm | • 适合于以0.01mm单位的精密调整 |
| 精密螺纹付 | | 0.25mm | • 适用于微调整场合<br>• 因为无刻度，不能进行数值控制 |
| 齿轮齿条 |  | ≈17mm | • 适用于快速调整<br>• 不适合精密定位 |
| 精密螺杆 | | 0.5mm | • 适用于微调整场合<br>• 不合适做长行程调整 |

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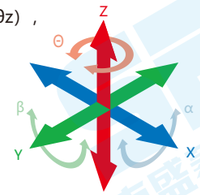
# 手动位移平台

## ▶ 关于轴的名称

水平方向为 **X** 轴、**Y** 轴；垂直方向为 **Z** 轴，绕 Z 轴转动为 **θ** 轴（θz），
绕 X 轴转动为 **α** 轴（θx），绕 Y 轴转动为 **β** 轴（θy）

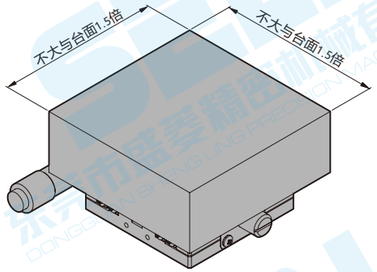



## ▶ 关于负载

是指工件重心位于平台中央时平台可承受的力，若超负载使用，可能会使平台动作不畅。水平台面上承载物体的重心请勿超出台面。
为保证平台的运动精度及寿命服务，请在平台使用时查核该平台的容许负载，勿做超负荷的承载。

## ▶ 承载体积的建议

平台上的承载物体积太大，会降低平台精度，甚至可能损坏，
请尽量避免。



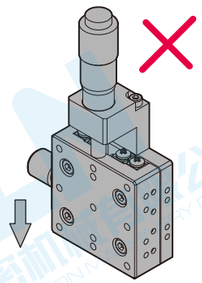

## ▶ 使用环境

本系列产品皆由高精密零件所组成，请避免使用于极高温、极低温、温度变动剧烈、日光直射、高湿度、高粉尘、高振动、高冲击及易结露等环境中。

使用环境温度：10~50℃，推荐使用温度：22±5℃

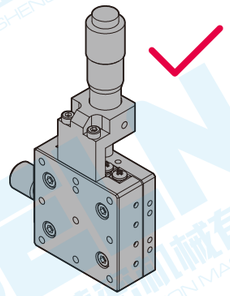
## ▶ 垂直使用X轴时

如（图1）所示，
如果施加的力度超过弹簧的拉伸负，
平台台面可能无法承重而滑落。



(图1)

如（图2）所示，
因通过微分头重，故平台台面不会滑落。但是，若在台面上施加超过规定的负载时，精度回下降，甚至可能损坏，请尽量避免。



(图2)

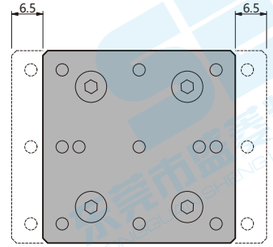




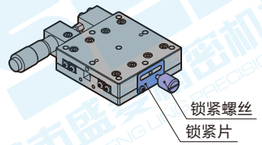
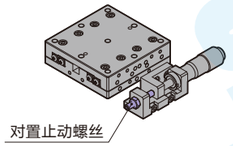
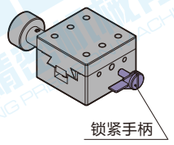
# 手动位移平台

## ▶ 关于行程（移动量）的标注

例如行程为±6.5时，如下图所示，平台在一侧移动
6.5mm,另一侧移动6.5mm，总行程为13mm。




## ▶ 锁紧方式

| 锁紧片+锁紧螺丝型* | 对置夹紧型 | 锁紧手柄型 |
|---|---|---|
|  |  |  |
| 通过锁紧螺丝压紧锁紧片来固定滑台台面的固定方法，是标准的锁紧方式。 | 用对置止动螺丝从微分头的相反方向固定。可获得耐震动、可靠性高的固定力。 | 通过锁紧手柄来固定滑台台面，适用于燕尾槽型滑台 |

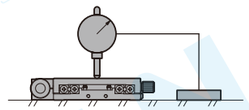


*** 这种锁紧方式是通过锁紧螺丝和锁紧片产生摩擦力来进行固定的，如果外力过大时，滑台台面就会产生位移，在使用时请采取相应措施。**

## ▶ 关于精度

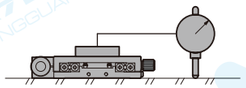
### ▶ 平行度

将固定在平板上的百分表打在平台的上面，移动整个平台，进行测量。百分表显示的最大值为平行度。



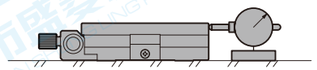
### ▶ 移动平行度

将平台等固定在平板上。将固定在平台上的百分表打在平板上面，全行程移动，进行测量。百分表显示的最大值为移动平行度。



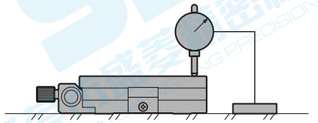
### ▶ 同心度

将旋转平台固定在平板上，将百分表放在旋转平台的外周侧面，使其旋转1 周(360 °整周)，进行测量。百分表显示的最大值的一半(偏离中心位置)为同心度。



### ▶ 端面跳动

将固定在平板上的百分表打在旋转平台的上端边缘，使其旋转1周(360°整周)，进行测量。百分表显示的最大值为端面跳动。



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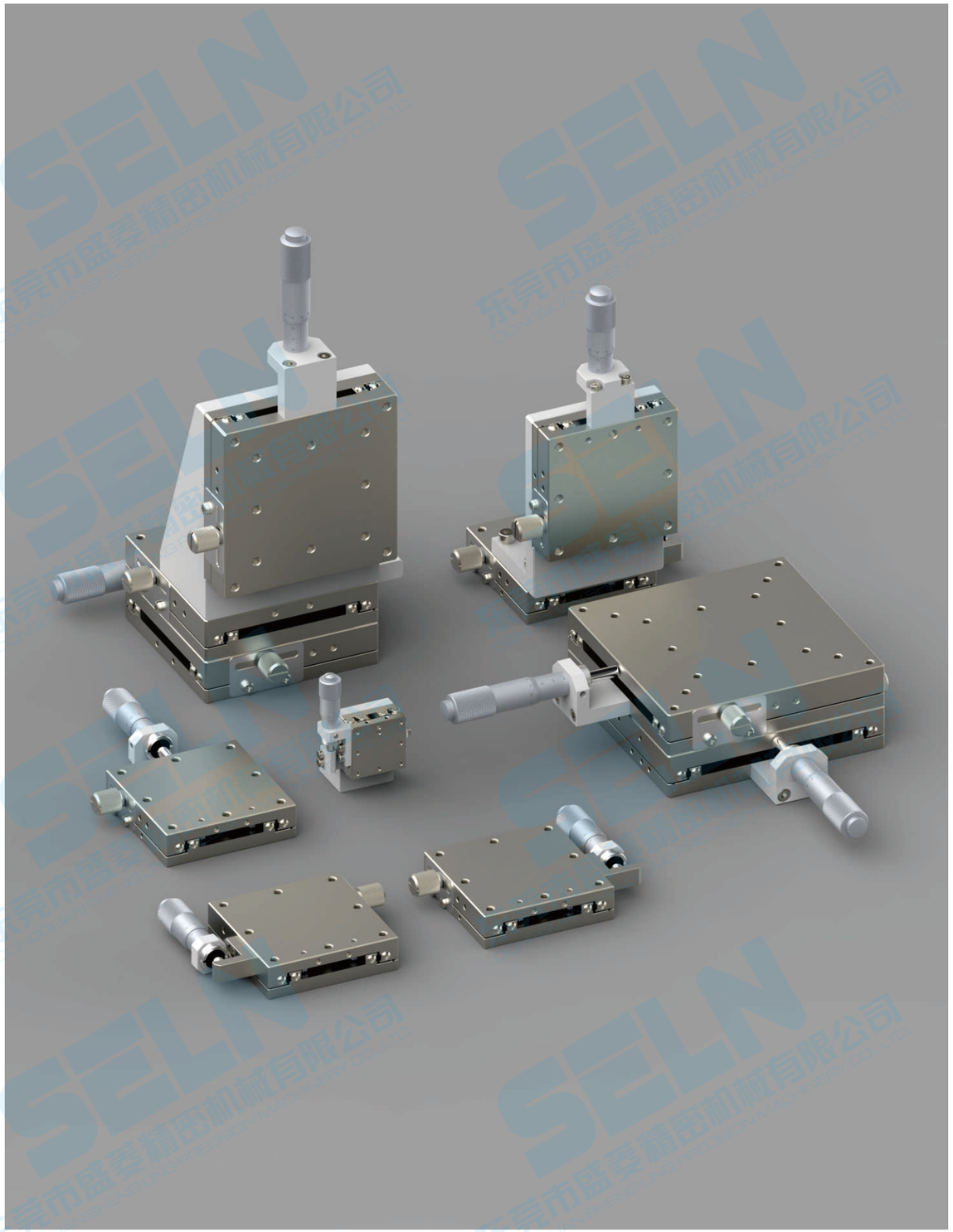
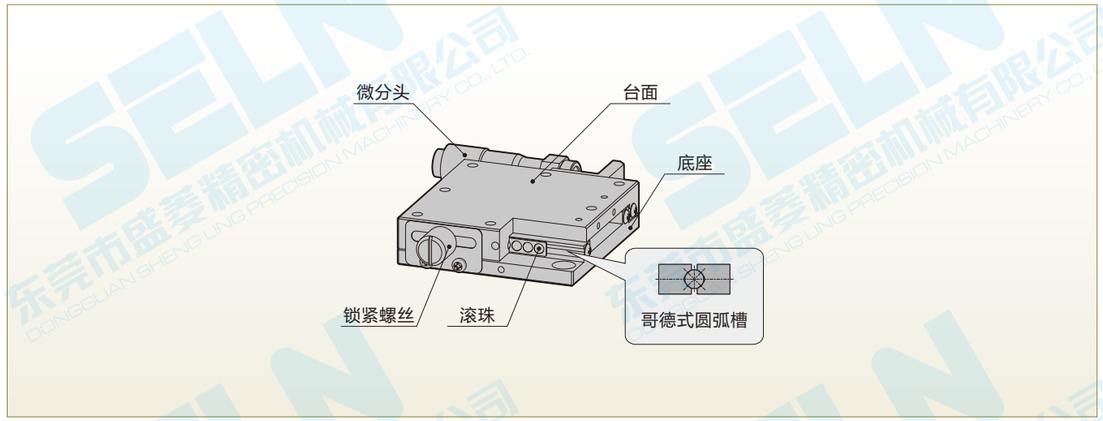


## 线性滚珠型：X-XY轴




### ▶ 产品特长

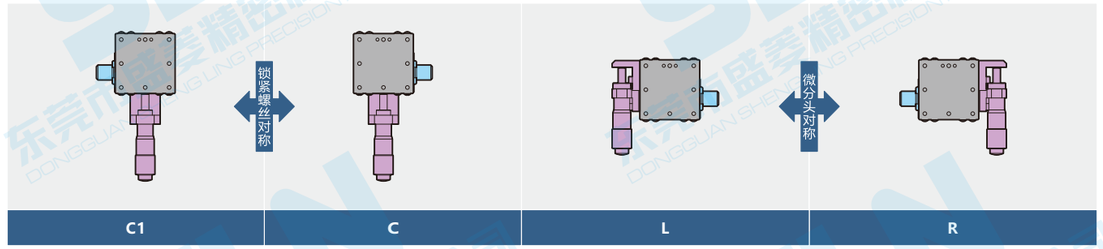
- 在上板与下板同时对导轨进行直接加工，该结构方式的加工误差与组装误差极少。
- 采用哥德式圆弧槽，滚珠与轨道成45度四点接触，该结构可实现高精度、平滑的移动。
- 主体材料采用SUS440C不锈钢，表面化学镀镍，提高防锈能力。
- 台面尺寸25~100，规格多样。

### ▶ 型号说明

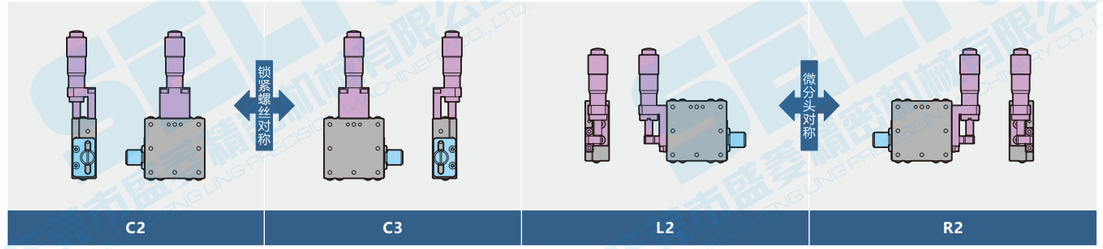
LB Y 60 - L B H40

| 移动方式 | 移动方向 | 台面尺寸 | 微分头安装位置 | 组合方式 * | 非标厚度 |
|---|---|---|---|---|---|
| 平行方向，线性滚珠型 | **X**：X轴一个方向<br>**Y**：XY轴两个方向 | 单位：mm | 参考下图 | **无标记**：标准型<br>**B**：超薄型 | 单位：mm |

*只适合与XY轴，标准型由2个X轴组合，超薄型为一体式



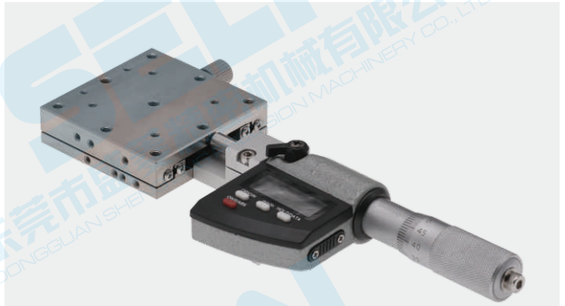

| C1 | C | L | R |
|---|---|---|---|



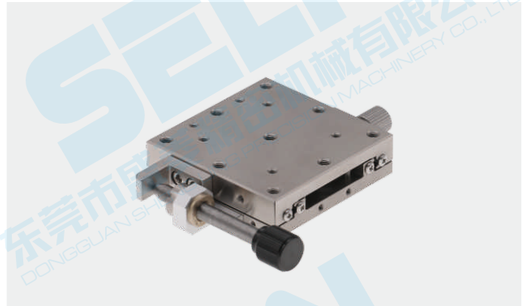

| C2 | C3 | L2 | R2 |
|---|---|---|---|

## 线性滚珠型：X-XY轴

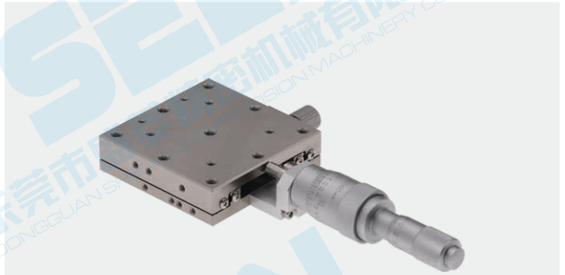
### ▶产品变更



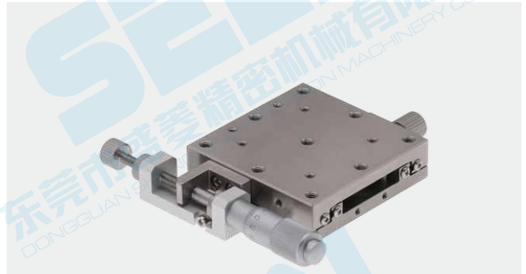
变更为数显微分头（-D）



变更为精密螺纹付（-W）



变更为差动微分头（-F）



变更为对置锁紧（-H）

*以上变更并非适用于所有平台，如有需要请联系销售人员。

## 线性滚珠型：X-XY轴：规格表

**LBX系列**

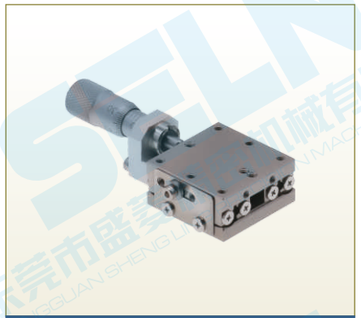
| 台面 / 规格 | 规格说明 | 25x25 | 40x40 | 60x60 | 80x80 | 100x100 | 40x80 | 60x120 |
|---|---|---|---|---|---|---|---|---|
| C | 微分头中间调整 | √ | √ | √ | √ | √ | × | × |
| L | 微分头左手调整 | √ | √ | √ | √ | √ | √ | √ |
| R | 微分头右手调整 | √ | √ | √ | √ | √ | √ | √ |
| C1 | 微分头中间调整，锁紧螺丝与C型对称 | √ | √ | √ | √ | √ | × | × |
| C2 | 微分头中间调整，上下反 | √ | √ | √ | √ | √ | × | × |
| C3 | 微分头中间调整，上下反，锁紧螺丝与C2型对称 | √ | √ | √ | √ | √ | × | × |
| L2 | 微分头左手调整，上下反 | √ | √ | √ | √ | √ | × | × |
| R2 | 微分头右手调整，上下反 | √ | √ | √ | √ | √ | × | × |
| C-D | C型，数显微分头 | × | × | √ | √ | √ | × | × |
| L-D | L型，数显微分头 | × | × | √ | √ | √ | × | × |
| L-H | L型，对置锁紧 | × | √ | √ | × | × | × | × |
| C-H20 | C型，台面厚度20mm | × | √ | √ | × | × | × | × |
| L-H20 | L型，台面厚度20mm | × | √ | √ | × | × | × | × |
| R-H20 | R型，台面厚度20mm | × | √ | √ | × | × | × | × |

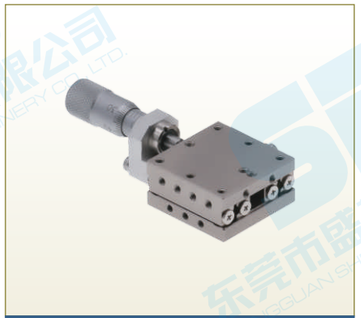
**LBY系列**

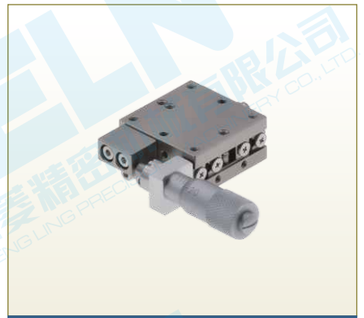
| 台面 / 规格 | 规格说明 | 25x25 | 40x40 | 60x60 | 80x80 | 100x100 | 40x80 | 60x120 |
|---|---|---|---|---|---|---|---|---|
| C | 微分头中间调整 | √ | √ | √ | √ | √ | × | × |
| L | 微分头左手调整 | √ | √ | √ | √ | √ | × | × |
| R | 微分头右手调整 | √ | √ | √ | √ | √ | × | × |
| CB | 微分头中间调整，超薄型 | × | √ | √ | √ | √ | × | × |
| LB | 微分头左手调整，超薄型 | × | √ | √ | √ | √ | × | × |
| RB | 微分头右手调整，超薄型 | × | √ | √ | √ | √ | × | × |
| C-D | C型，数显微分头 | × | × | √ | √ | √ | × | × |
| L-D | L型，数显微分头 | × | × | √ | √ | √ | × | × |
| L-H | L型，对置锁紧 | × | √ | √ | × | × | × | × |
| C-H40 | C型，台面厚度40mm | × | √ | √ | × | × | × | × |
| L-H40 | L型，台面厚度40mm | × | √ | √ | × | × | × | × |
| R-H40 | R型，台面厚度40mm | × | √ | √ | × | × | × | × |

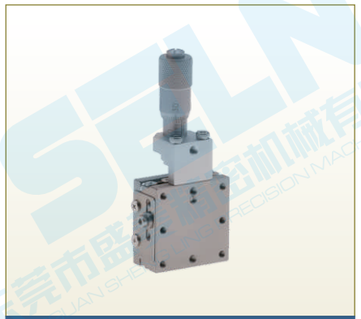
**√：标准品**
**×：不可以生产**
**除以上规格以外，也可根据客户需求进行定制，如有需求请联系销售人员。**

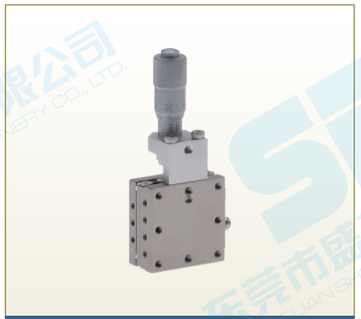
## 线性滚珠型：X-XY轴：□25

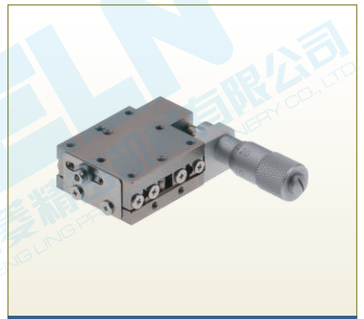

LBX25-C


LBX25-C1


LBX25-L


LBX25-C2


LBX25-C3


LBX25-R

### ▶ 规格参数

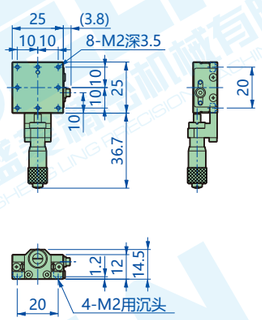
| | LBX25-C | LBX25-C1 | LBX25-C2 | LBX25-C3 | LBX25-L | LBX25-R |
|---|---|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | | | | |
| 主体材质 | SUS440C | | | | | |
| 驱动方式 | 微分头 | | | | | |
| 台面大小 | 25mm×25mm | | | | | |
| 台面厚度 | 12mm | | | | | |
| 行　　程 | ±3.25mm | | | | | |
| 负　　载 *1 | 39.2N(4kgf) | | | | | |
| 最小刻度 | 0.01mm | | | | | |
| 移动平行度 | ≤0.005mm/6mm | | | | | |
| 平 行 度 | 0.01mm | | | | | |
| 重　　量 | 0.07kg | | | | | |

*1：表格标注负载为水平使用时的负载，如果竖直使用，负载值为标注值的1/2，请悉知。

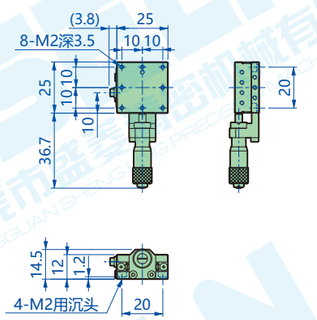


## 线性滚珠型：X-XY轴：□25

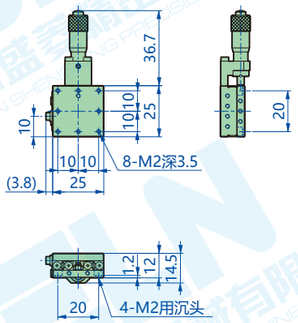
### ▶ LBX25-C



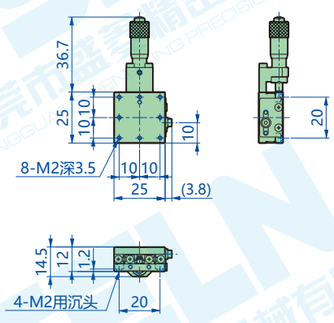

### ▶ LBX25-C1



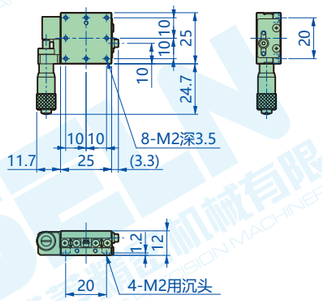

### ▶ LBX25-C2



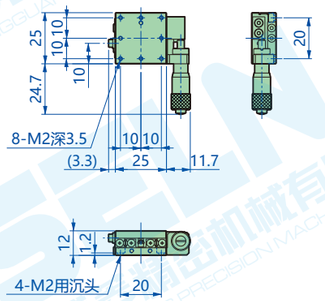

### ▶ LBX25-C3



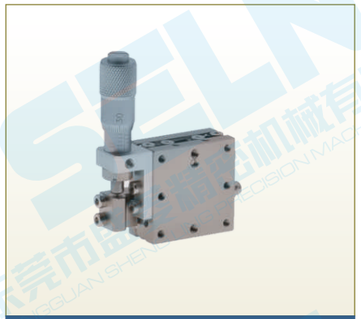

### ▶ LBX25-L

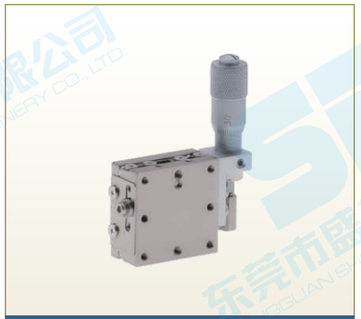


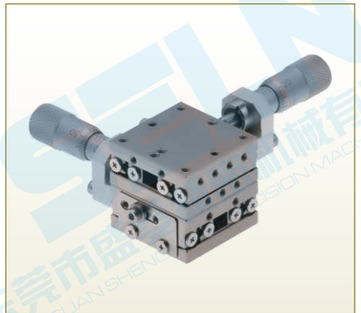

### ▶ LBX25-R

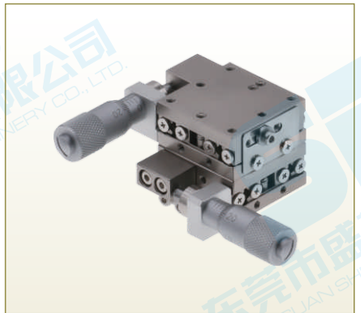


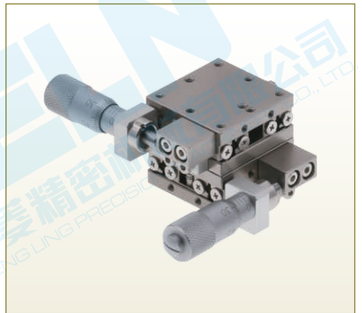
## 线性滚珠型：X-XY轴：□25


LBX25-L2


LBX25-R2


LBY25-C


LBY25-L


LBY25-R

### ▶ 规格参数

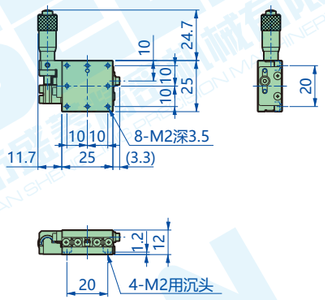
| | LBX25-L2 | LBX25-R2 | LBY25-C | LBY25-L | LBY25-R |
|---|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | XY轴两个方向 | | |
| 主体材质 | SUS440C | | SUS440C | | |
| 驱动方式 | 微分头 | | 微分头 | | |
| 台面大小 | 25mm×25mm | | 25mm×25mm | | |
| 台面厚度 | 12mm | | 24mm | | |
| 行　程 | ±3.25mm | | ±3.25mm | | |
| 负　载 *1 | 39.2N(4kgf) | | 39.2N(4kgf) | | |
| 最小刻度 | 0.01mm | | 0.01mm | | |
| 移动平行度 | ≤0.005mm/6mm | | ≤0.005mm/6mm | | |
| 平 行 度 | 0.01mm | | 0.02mm | | |
| 重　量 | 0.07kg | | 0.14kg | | |

*1：表格标注负载为水平使用时的负载，如果竖直使用，负载值为标注值的1/2，请悉知。

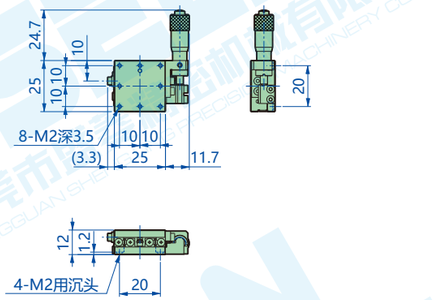


## 线性滚珠型：X-XY轴：□25

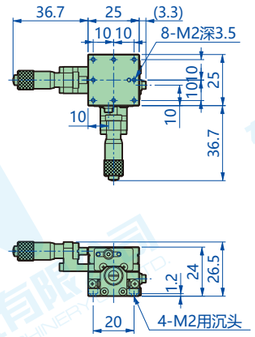
### ▶ LBX25-L2



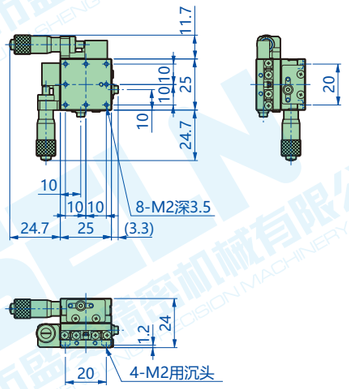

### ▶ LBX25-R2



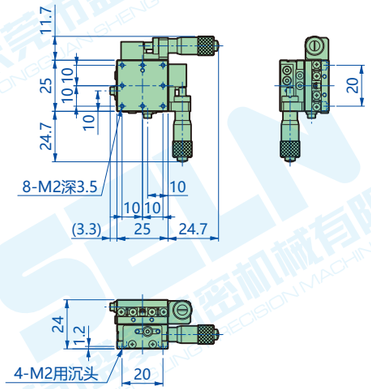

### ▶ LBY25-C




### ▶ LBY25-L




### ▶ LBY25-R



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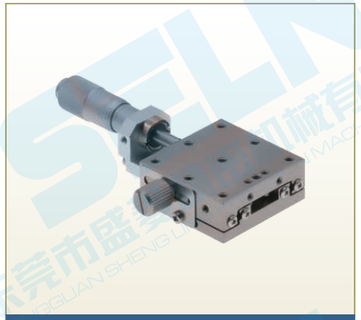
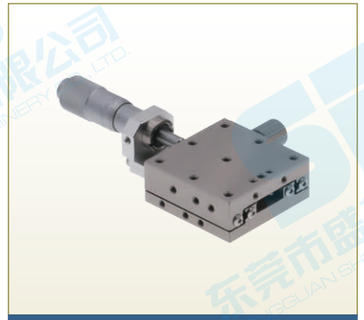
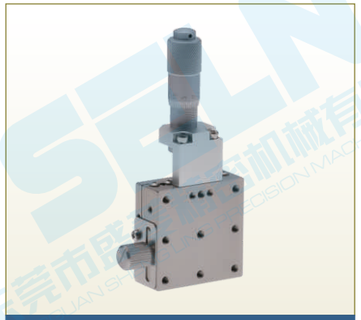
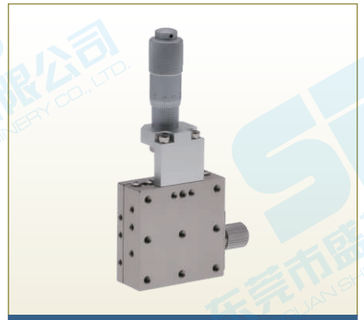
## 线性滚珠型：X-XY轴：□40

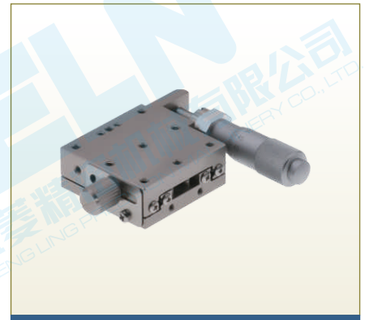

LBX40-C


LBX40-C1

LBX40-L


LBX40-C2


LBX40-C3


LBX40-R

### ▶ 规格参数

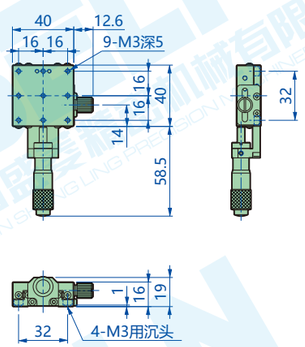
| | LBX40-C | LBX40-C1 | LBX40-C2 | LBX40-C3 | LBX40-L | LBX40-R |
|---|---|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | | | | |
| 主体材质 | SUS440C | | | | | |
| 驱动方式 | 微分头 | | | | | |
| 台面大小 | 40mm×40mm | | | | | |
| 台面厚度 | 16mm | | | | | |
| 行　　程 | ±6.5mm | | | | | |
| 负　　载 *1 | 98N(10kgf) | | | | | |
| 最小刻度 | 0.01mm | | | | | |
| 移动平行度 | ≤0.005mm/13mm | | | | | |
| 平 行 度 | 0.02mm | | | | | |
| 重　　量 | 0.23kg | | | | | |

*1：表格标注负载为水平使用时的负载，如果竖直使用，负载值为标注值的1/2，请悉知。

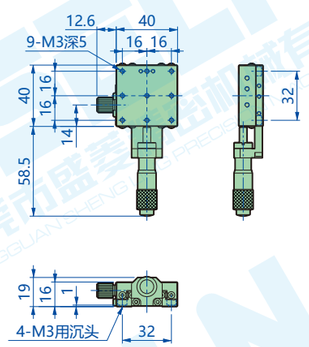


线性滚珠型：X-XY轴：□40

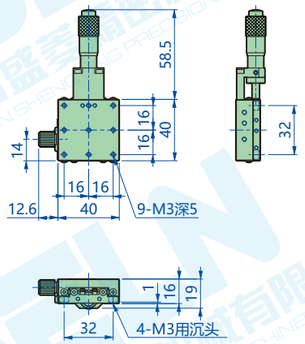
### ▶ LBX40-C



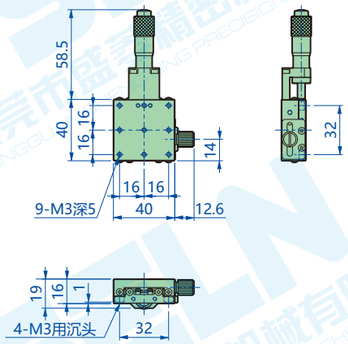

### ▶ LBX40-C1



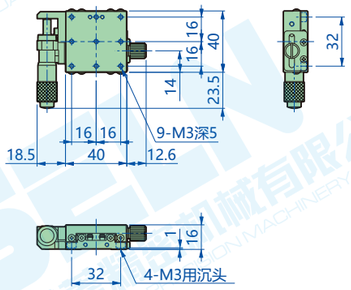

### ▶ LBX40-C2



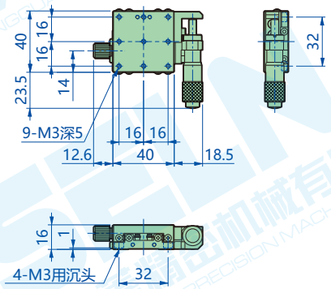

### ▶ LBX40-C3




### ▶ LBX40-L




### ▶ LBX40-R



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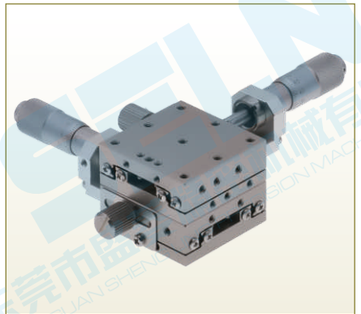
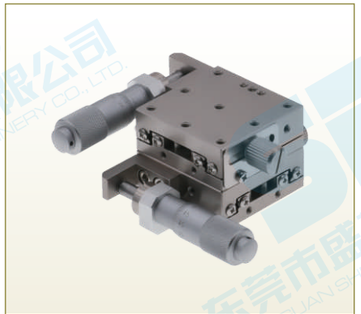
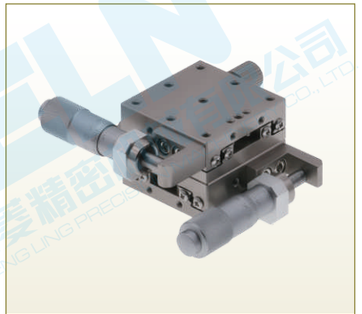
## 线性滚珠型：X-XY轴：□40

LBX40-L2

LBX40-R2


LBY40-C


LBY40-L


LBY40-R

### ▶ 规格参数

| | LBX40-L2 | LBX40-R2 | LBY40-C | LBY40-L | LBY40-R |
|---|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | XY轴两个方向 | | |
| 主体材质 | SUS440C | | SUS440C | | |
| 驱动方式 | 微分头 | | 微分头 | | |
| 台面大小 | 40mm×40mm | | 40mm×40mm | | |
| 台面厚度 | 16mm | | 32mm | | |
| 行　程 | ±6.5mm | | ±6.5mm | | |
| 负　载 *1 | 98N(10kgf) | | 98N(10kgf) | | |
| 最小刻度 | 0.01mm | | 0.01mm | | |
| 移动平行度 | ≤0.005mm/13mm | | ≤0.005mm/13mm | | |
| 平 行 度 | 0.02mm | | 0.04mm | | |
| 重　量 | 0.23kg | | 0.46kg | | |

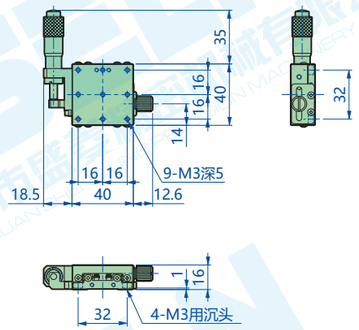
*1：表格标注负载为水平使用时的负载，如果竖直使用，负载值为标注值的1/2，请悉知。



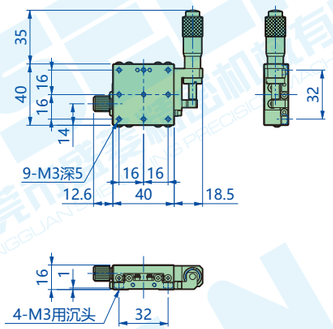
手动位移平台

## 线性滚珠型：X-XY轴：□40

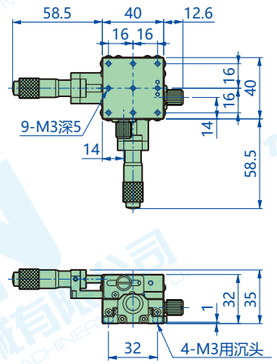
### ▶ LBX40-L2



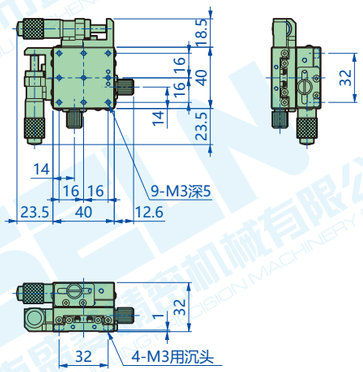

### ▶ LBX40-R2



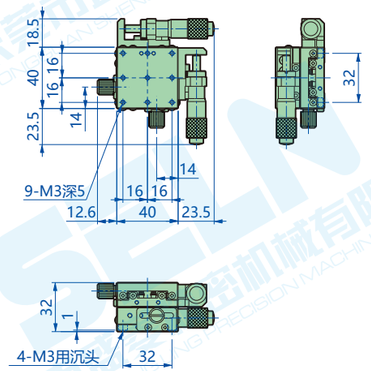

### ▶ LBY40-C




### ▶ LBY40-L




### ▶ LBY40-R

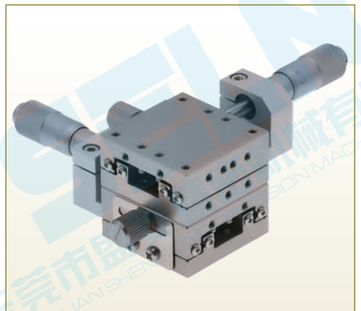


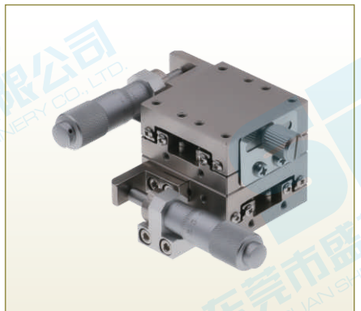
## 线性滚珠型：X-XY轴：□40

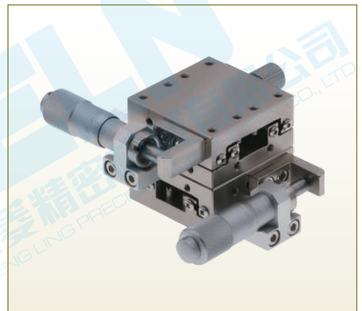
LBX40-C-H20

LBX40-L-H20

LBX40-R-H20


LBY40-C-H40


LBY40-L-H40


LBY40-R-H40

### ▶ 规格参数

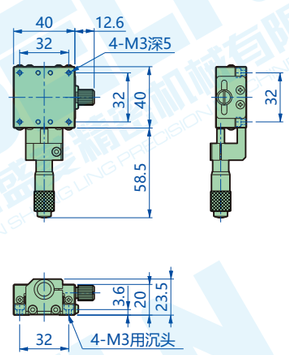
| | LBX40-C-H20 | LBX40-L-H20 | LBX40-R-H20 | LBY40-C-H40 | LBY40-L-H40 | LBY40-R-H40 |
|---|---|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | | XY轴两个方向 | | |
| 主体材质 | Gcr15 | | | | | |
| 驱动方式 | 微分头 | | | | | |
| 台面大小 | 40mm×40mm | | | | | |
| 台面厚度 | 20mm | | | 40mm | | |
| 行　程 | ±6.5mm | | | | | |
| 负　载 *1 | 10N(98kgf) | | | | | |
| 最小刻度 | 0.01mm | | | | | |
| 移动平行度 | ≤0.005mm/13mm | | | | | |
| 平 行 度 | 0.02mm | | | 0.04mm | | |
| 重　量 | 0.25kg | | | 0.50kg | | |

*1：表格标注负载为水平使用时的负载，如果竖直使用，负载值为标注值的1/2，请悉知。

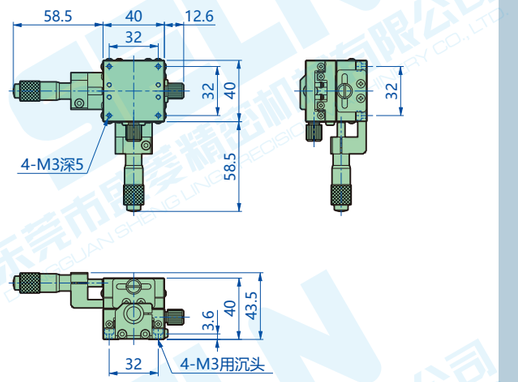


线性滚珠型：X-XY轴：□40

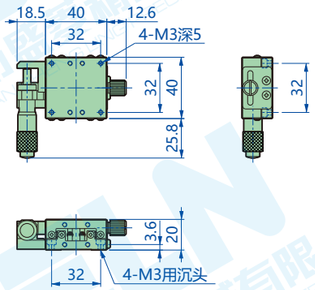
### ▶ LBX40-C-H20



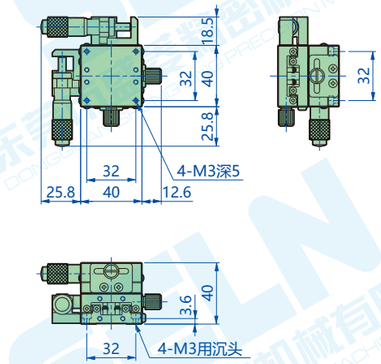

### ▶ LBY40-C-H40



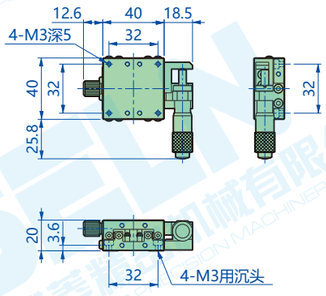

### ▶ LBX40-L-H20



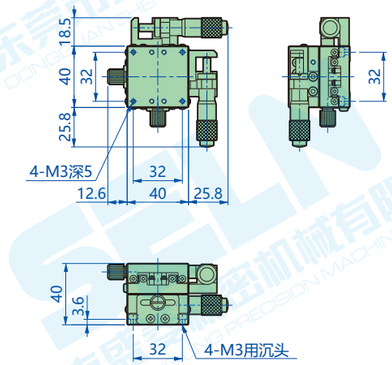

### ▶ LBY40-L-H40




### ▶ LBX40-R-H20




### ▶ LBY40-R-H40



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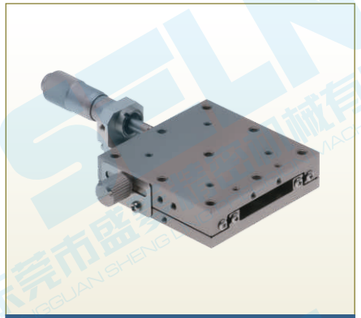
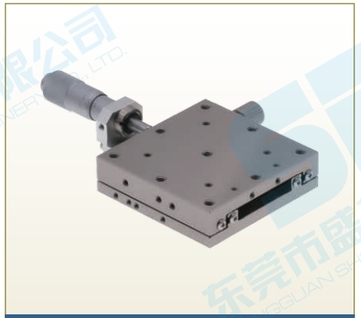
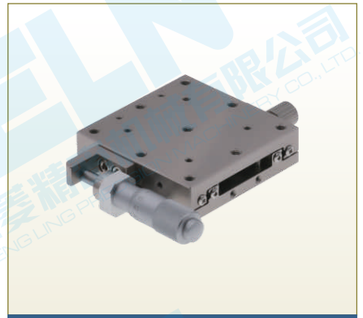
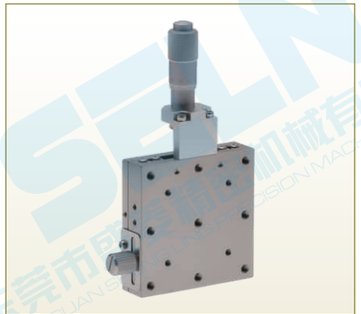
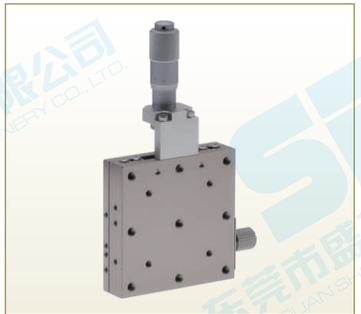
## 线性滚珠型：X-XY轴：□60

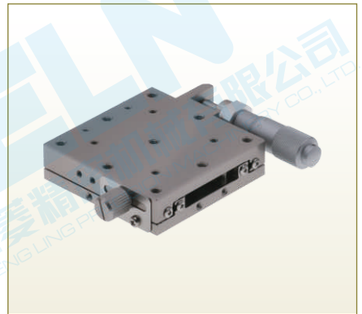

LBX60-C


LBX60-C1


LBX60-L


LBX60-C2


LBX60-C3


LBX60-R

### ▶ 规格参数

| | LBX60-C | LBX60-C1 | LBX60-C2 | LBX60-C3 | LBX60-L | LBX60-R |
|---|---|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | | | | |
| 主体材质 | SUS440C | | | | | |
| 驱动方式 | 微分头 | | | | | |
| 台面大小 | 60mm×60mm | | | | | |
| 台面厚度 | 16mm | | | | | |
| 行　程 | ±6.5mm | | | | | |
| 负　载 *1 | 196N(20kgf) | | | | | |
| 最小刻度 | 0.01mm | | | | | |
| 移动平行度 | ≤0.005mm/13mm | | | | | |
| 平 行 度 | 0.02mm | | | | | |
| 重　量 | 0.4kg | | | | | |

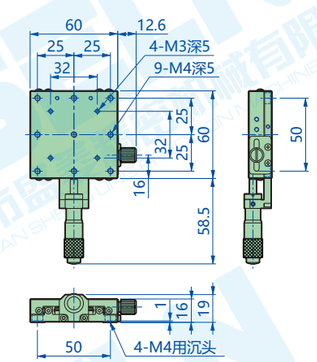
*1：表格标注负载为水平使用时的负载，如果竖直使用，负载值为标注值的1/2，请悉知。



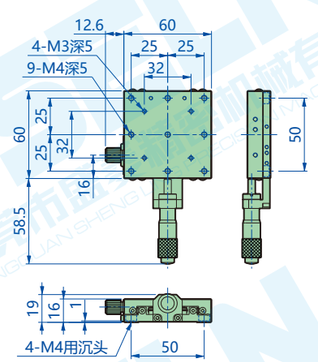


## 线性滚珠型：X-XY轴：□60

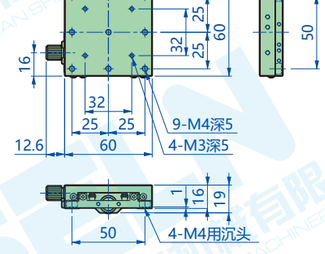
### ▶ LBX60-C



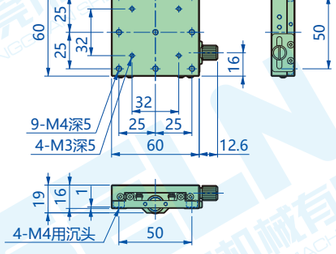

### ▶ LBX60-C1



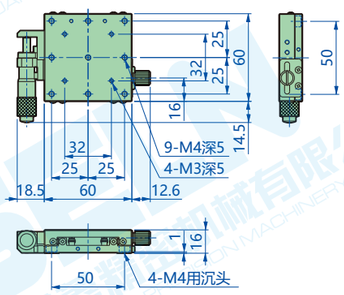

### ▶ LBX60-C2



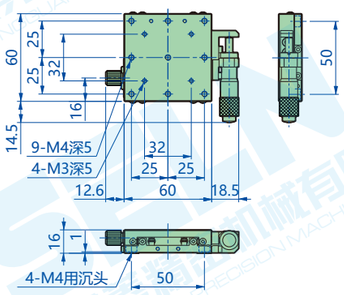

### ▶ LBX60-C3




### ▶ LBX60-L




### ▶ LBX60-R



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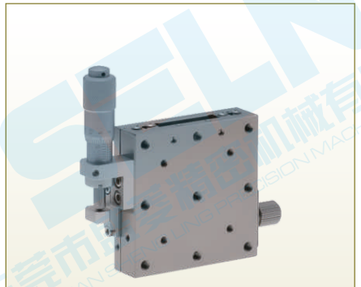
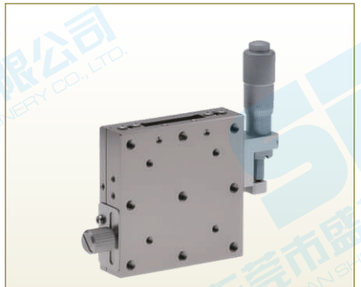
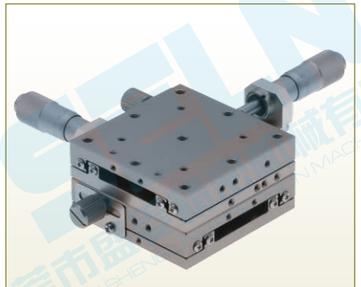
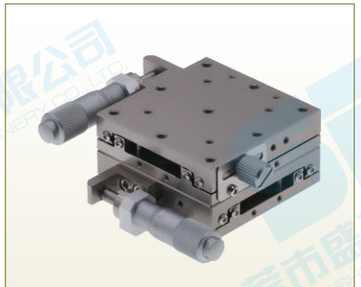
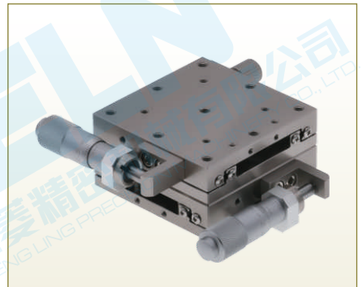
## 线性滚珠型：X-XY轴：□60


LBX60-L2


LBX60-R2


LBY60-C


LBY60-L


LBY60-R

### ▶ 规格参数

| | LBX60-L2 | LBX60-R2 | LBY60-C | LBY60-L | LBY60-R |
|---|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | XY轴两个方向 | | |
| 主体材质 | SUS440C | | SUS440C | | |
| 驱动方式 | 微分头 | | 微分头 | | |
| 台面大小 | 60mm×60mm | | 60mm×60mm | | |
| 台面厚度 | 16mm | | 32mm | | |
| 行　程 | ±6.5mm | | ±6.5mm | | |
| 负　载 *1 | 196N(20kgf) | | 196N(20kgf) | | |
| 最小刻度 | 0.01mm | | 0.01mm | | |
| 移动平行度 | ≤0.005mm/13mm | | ≤0.005mm/13mm | | |
| 平 行 度 | 0.02mm | | 0.04mm | | |
| 重　量 | 0.4kg | | 0.8kg | | |

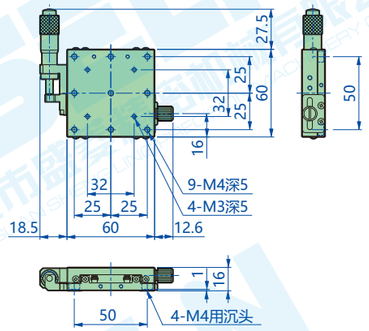
*1：表格标注负载为水平使用时的负载，如果竖直使用，负载值为标注值的1/2，请悉知。



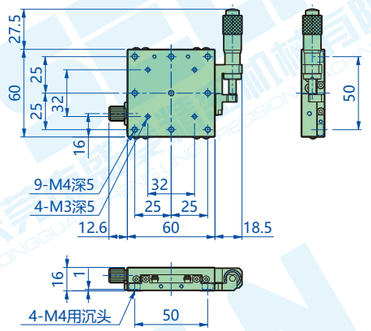
手动位移平台

## 线性滚珠型：X-XY轴：□60

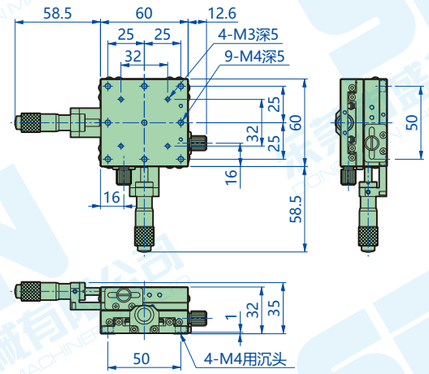
### ▶ LBX60-L2



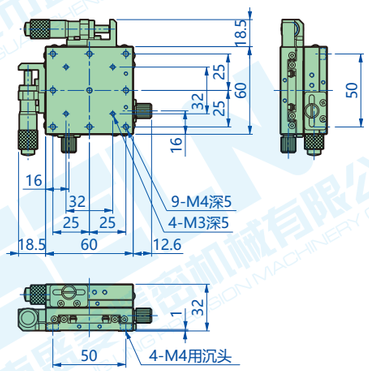

### ▶ LBX60-R2



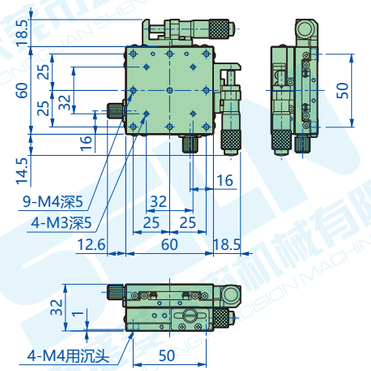

### ▶ LBY60-C




### ▶ LBY60-L




### ▶ LBY60-R



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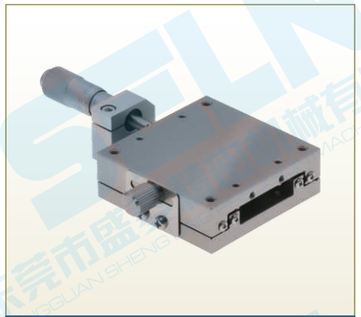
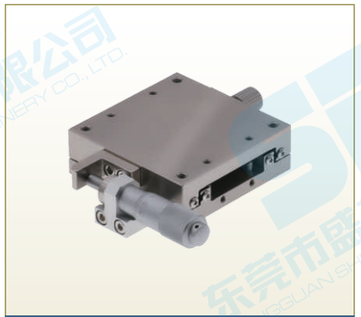
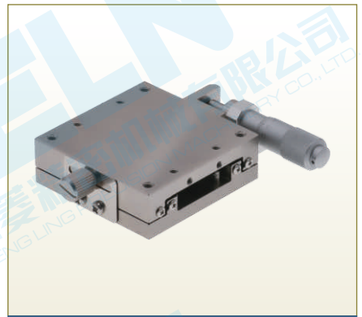
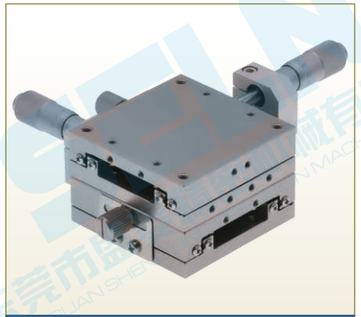
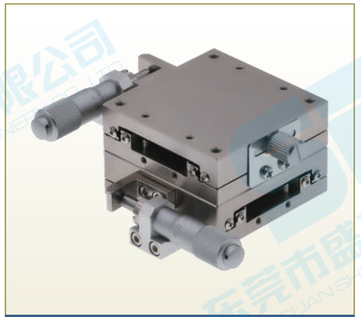
## 线性滚珠型：X-XY轴：□60

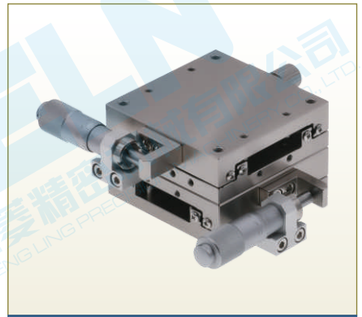

LBX60-C-H20


LBX60-L-H20


LBX60-R-H20


LBY60-C-H40


LBY60-L-H40


LBY60-R-H40

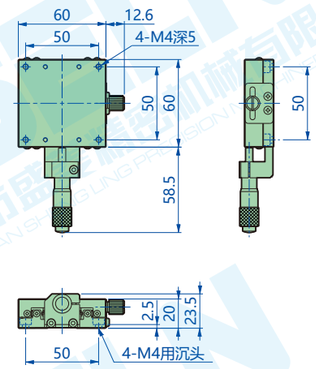
### ▶ 规格参数

| | LBX60-C-H20 | LBX60-L-H20 | LBX60-R-H20 | LBY60-C-H40 | LBY60-L-H40 | LBY60-R-H40 |
|---|---|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | | XY轴两个方向 | | |
| 主体材质 | Gcr15 | | | | | |
| 驱动方式 | 微分头 | | | | | |
| 台面大小 | 60mm×60mm | | | | | |
| 台面厚度 | 20mm | | | 40mm | | |
| 行　程 | ±6.5mm | | | | | |
| 负　载 | 196N(20kgf) | | | | | |
| 最小刻度 | 0.01mm | | | | | |
| 移动平行度 | ≤0.005mm/13mm | | | | | |
| 平 行 度 | 0.02mm | | | 0.04mm | | |
| 重　量 | 0.47kg | | | 0.94kg | | |

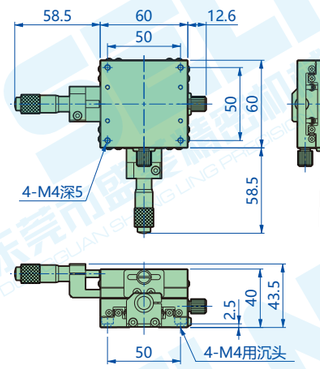


## 线性滚珠型：X-XY轴：□60

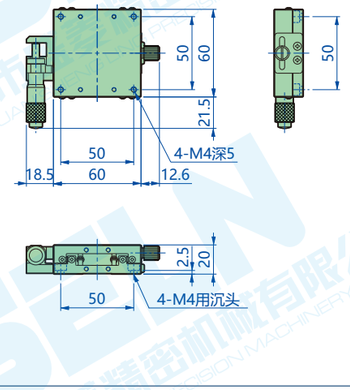
### ▶ LBX60-C-H20



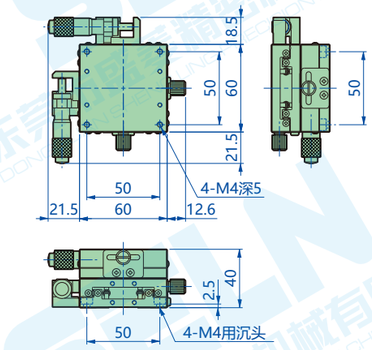

### ▶ LBY60-C-H40



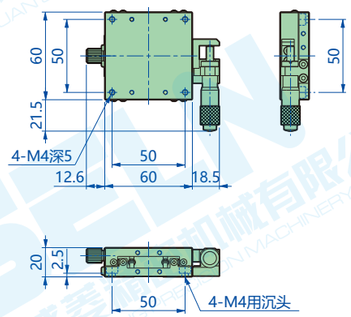

### ▶ LBX60-L-H20



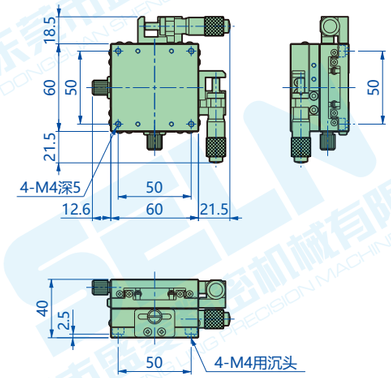

### ▶ LBY60-L-H40




### ▶ LBX60-R-H20




### ▶ LBY60-R-H40



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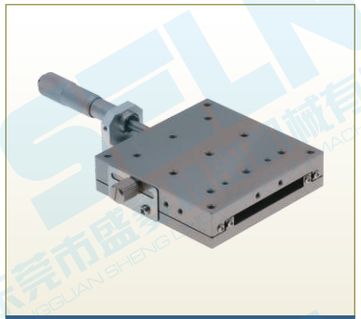
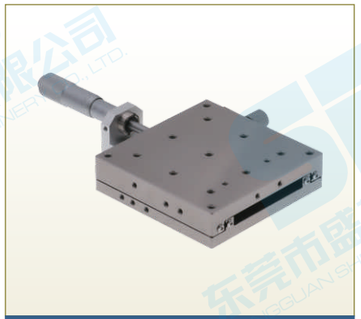
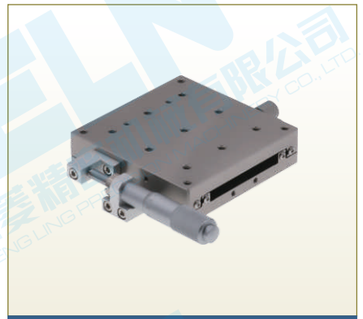
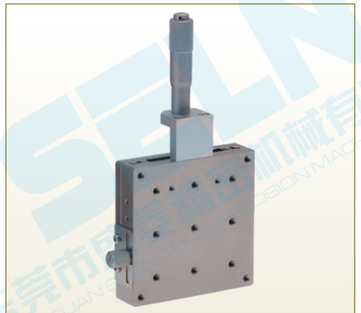
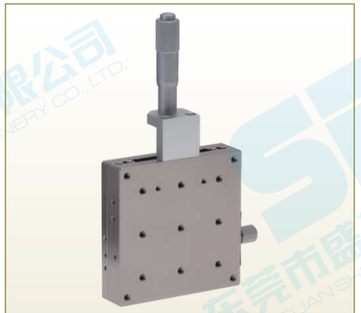
## 线性滚珠型：X-XY轴：□80

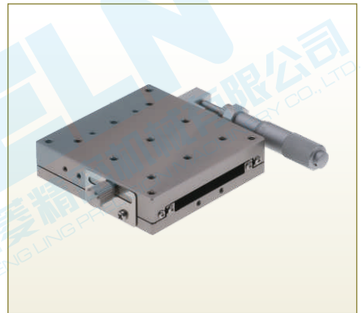

LBX80-C


LBX80-C1


LBX80-L


LBX80-C2


LBX80-C3


LBX80-R

### ▶ 规格参数

| | LBX80-C | LBX80-C1 | LBX80-C2 | LBX80-C3 | LBX80-L | LBX80-R |
|---|---|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | | | | |
| 主体材质 | SUS440C | | | | | |
| 驱动方式 | 微分头 | | | | | |
| 台面大小 | 80mm×80mm | | | | | |
| 台面厚度 | 20mm | | | | | |
| 行　　程 | ±12.5mm | | | | | |
| 负　　载 *1 | 264.6N(27kgf) | | | | | |
| 最小刻度 | 0.01mm | | | | | |
| 移动平行度 | ≤0.01mm/25mm | | | | | |
| 平 行 度 | 0.03mm | | | | | |
| 重　　量 | 0.9kg | | | | | |

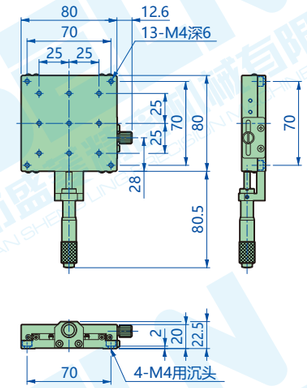
*1：表格标注负载为水平使用时的负载，如果竖直使用，负载值为标注值的1/2，请悉知。



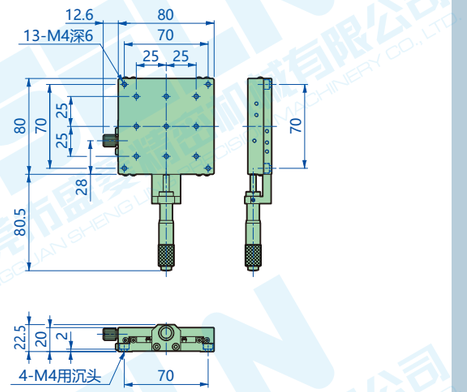
手动位移平台

## 线性滚珠型：X-XY轴：□80

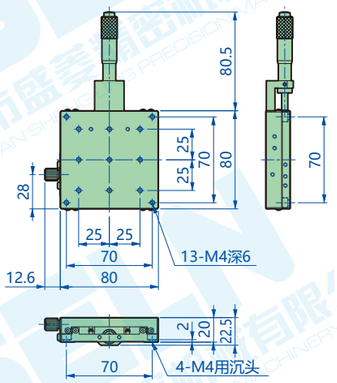
### ▶ LBX80-C



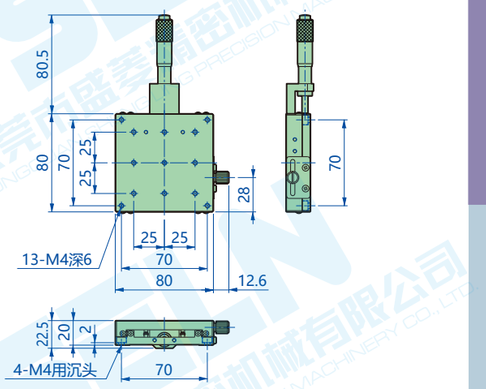

### ▶ LBX80-C1



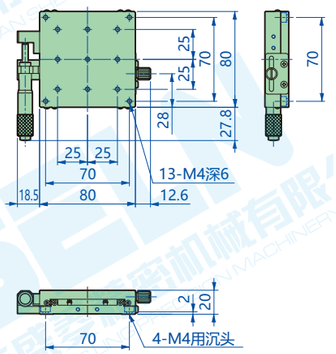

### ▶ LBX80-C2



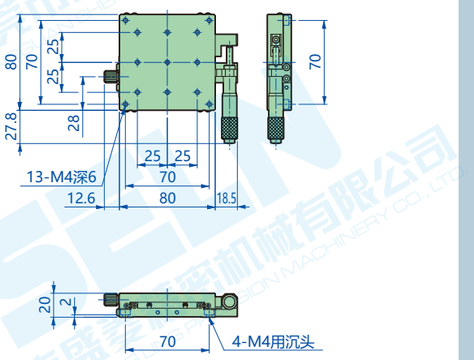

### ▶ LBX80-C3




### ▶ LBX80-L




### ▶ LBX80-R



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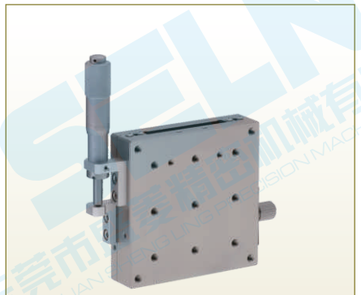
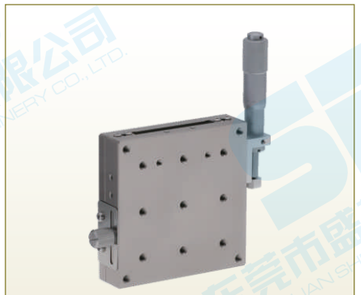
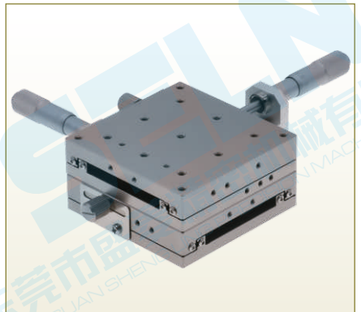
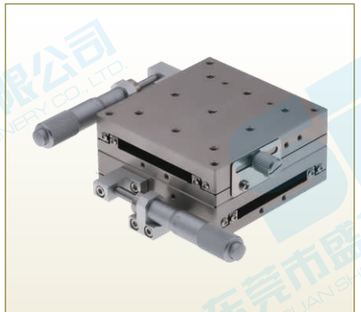
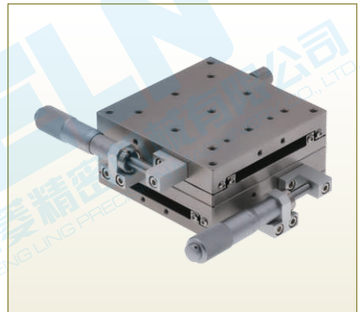
## 线性滚珠型：X-XY轴：□80


LBX80-L2


LBX80-R2


LBY80-C


LBY80-L


LBY80-R

### ▶ 规格参数

| | LBX80-L2 | LBX80-R2 | LBY80-C | LBY80-L | LBY80-R |
|---|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | XY轴两个方向 | | |
| 主体材质 | SUS440C | | SUS440C | | |
| 驱动方式 | 微分头 | | 微分头 | | |
| 台面大小 | 80mm×80mm | | 80mm×80mm | | |
| 台面厚度 | 20mm | | 40mm | | |
| 行　程 | ±12.5mm | | ±12.5mm | | |
| 负　载 *1 | 264.6N(27kgf) | | 264.6N(27kgf) | | |
| 最小刻度 | 0.01mm | | 0.01mm | | |
| 移动平行度 | ≤0.01mm/25mm | | ≤0.01mm/25mm | | |
| 平 行 度 | 0.03mm | | 0.06mm | | |
| 重　量 | 0.9kg | | 1.8kg | | |

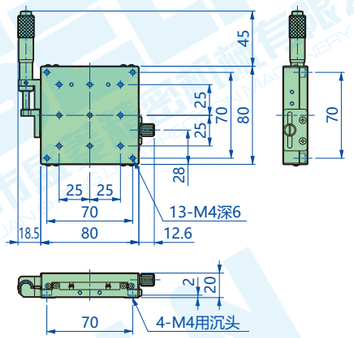
*1：表格标注负载为水平使用时的负载，如果竖直使用，负载值为标注值的1/2，请悉知。



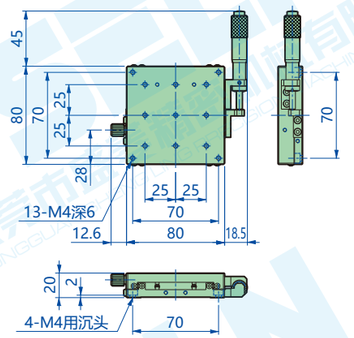
手动位移平台

## 线性滚珠型：X-XY轴：□80

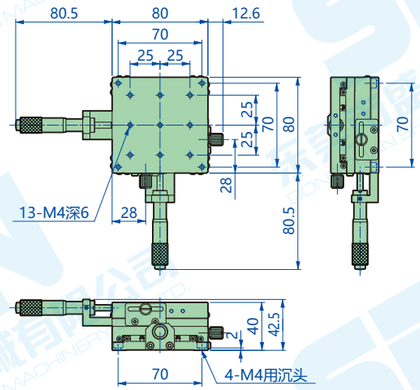
### ▶ LBX80-L2



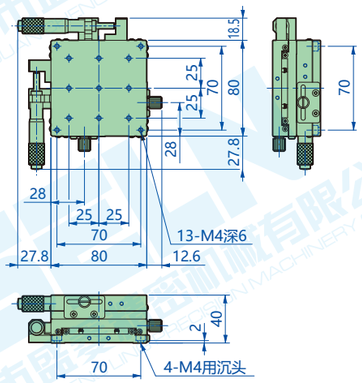

### ▶ LBX80-R2



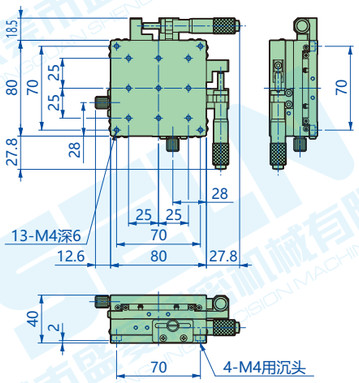

### ▶ LBY80-C



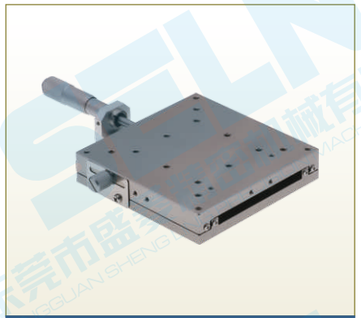

### ▶ LBY80-L

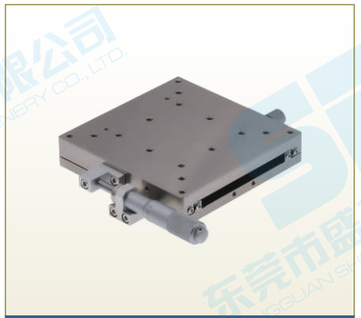


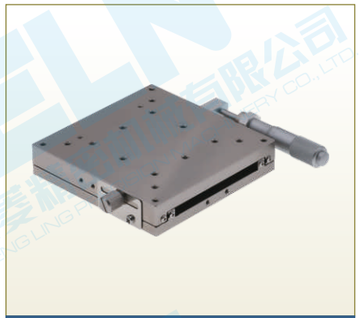

### ▶ LBY80-R

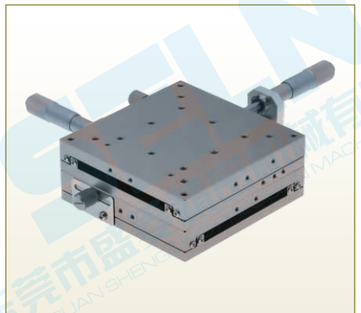


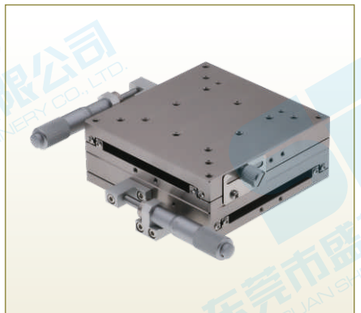
## 线性滚珠型：X-XY轴：□100

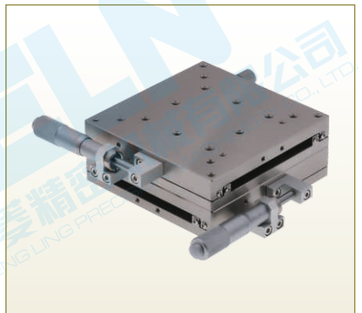

LBX100-C


LBX100-L


LBX100-R


LBY100-C


LBY100-L


LBY100-R

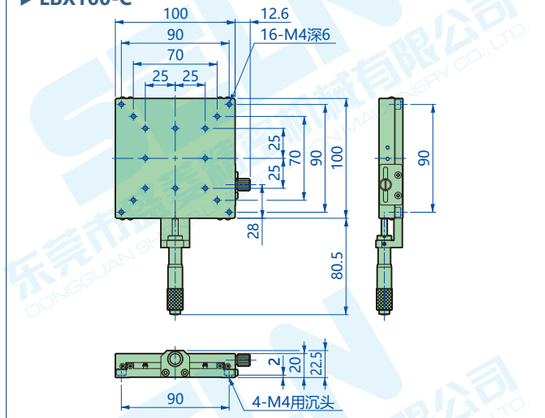
### ▶ 规格参数

| | LBX100-C | LBX100-L | LBX100-R | LBY100-C | LBY100-L | LBY100-R |
|---|---|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | | XY轴两个方向 | | |
| 主体材质 | SUS440C | | | | | |
| 驱动方式 | 微分头 | | | | | |
| 台面大小 | 100mm×100mm | | | | | |
| 台面厚度 | 20mm | | | 40mm | | |
| 行　程 | ±12.5mm | | | | | |
| 负　载 | 343N(35kgf) | | | | | |
| 最小刻度 | 0.01mm | | | | | |
| 移动平行度 | ≤0.01mm/25mm | | | | | |
| 平 行 度 | 0.03mm | | | 0.06mm | | |
| 重　量 | 1.27kg | | | 2.54kg | | |

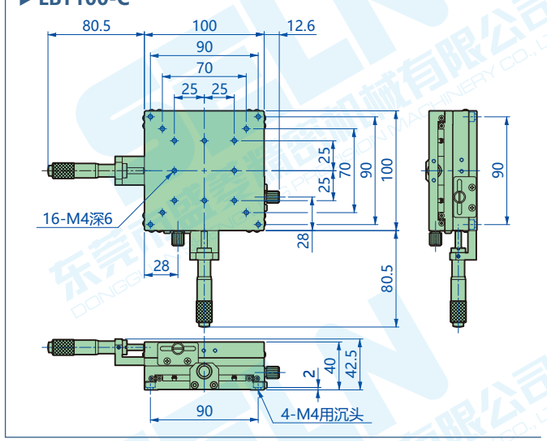


线性滚珠型：X-XY轴：□100

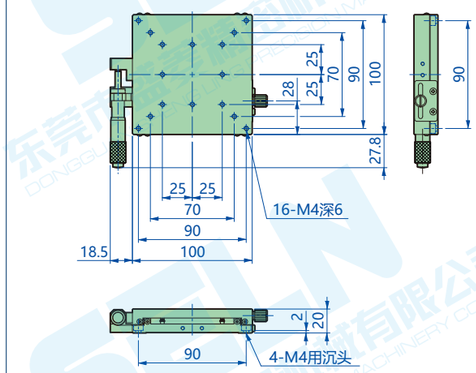
### ▶ LBX100-C



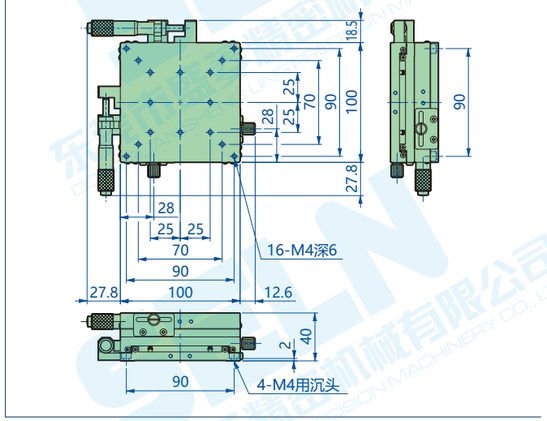

### ▶ LBY100-C



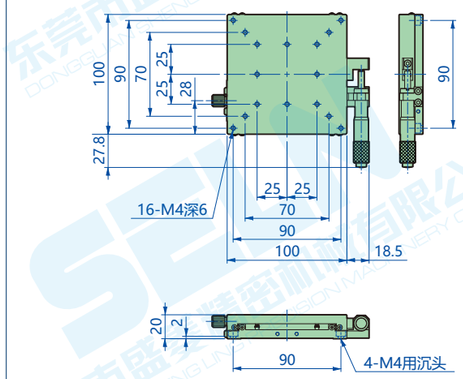

### ▶ LBX100-L



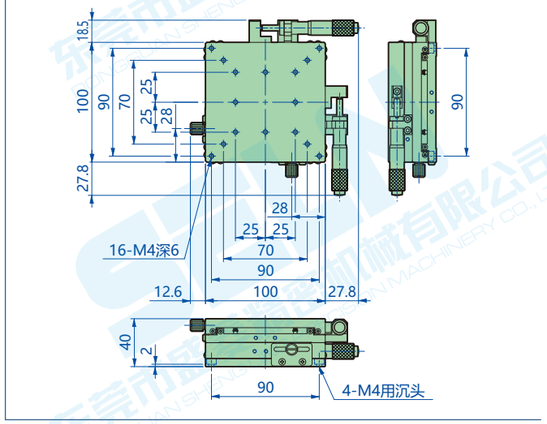

### ▶ LBY100-L



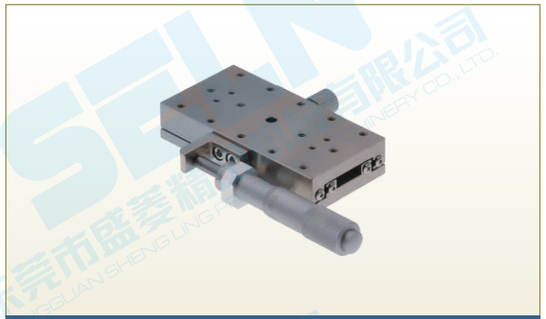

### ▶ LBX100-R



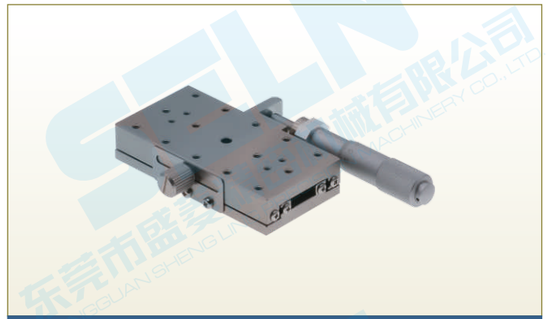

### ▶ LBY100-R



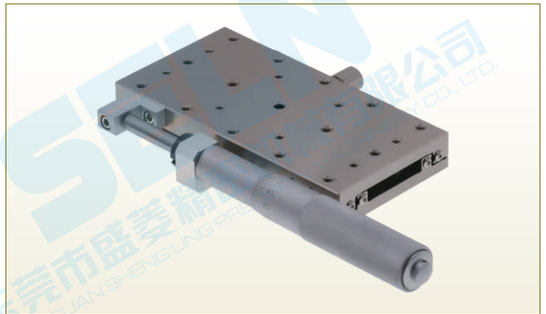
## 线性滚珠型：X-XY轴：长台面



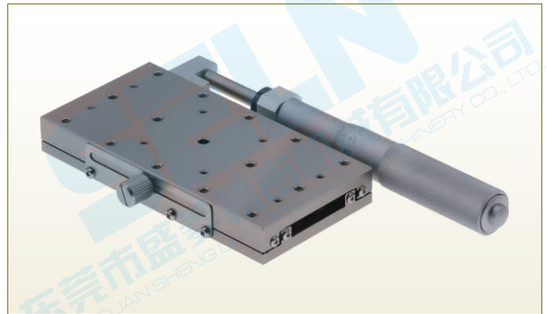
LBX4080-L



LBX4080-R



LBX60120-L



LBX60120-R

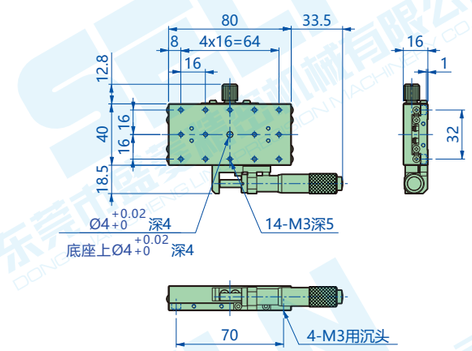
### ▶ 规格参数

| | LBX4080-L | LBX4080-R | LBX60120-L | LBX60120-R |
|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | X轴一个方向 | |
| 主体材质 | SUS440C | | SUS440C | |
| 驱动方式 | 微分头 | | 微分头 | |
| 台面大小 | 40mm×80mm | | 60mm×120mm | |
| 台面厚度 | 16mm | | 20mm | |
| 行　程 | ±12.5mm | | ±25mm | |
| 负　载 | 98N(10kgf) | | 196N(20kgf) | |
| 最小刻度 | 0.01mm | | 0.01mm | |
| 移动平行度 | >0.01mm/25mm | | >0.02mm/50mm | |
| 平 行 度 | 0.02mm | | 0.03mm | |
| 重　量 | 0.40kg | | 0.85kg | |

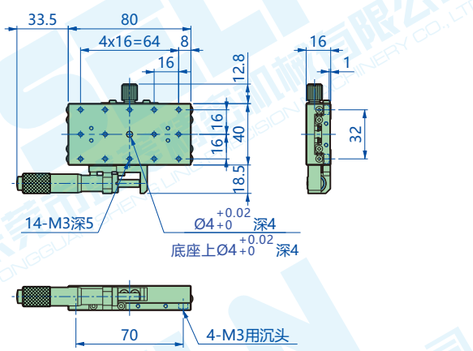


线性滚珠型：X-XY轴：长台面

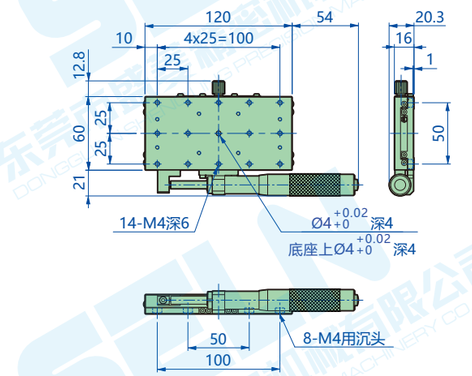
### ▶ LBX4080-L



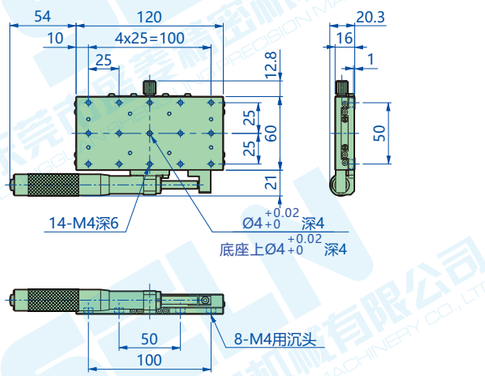

### ▶ LBX4080-R




### ▶ LBX60120-L




### ▶ LBX60120-R

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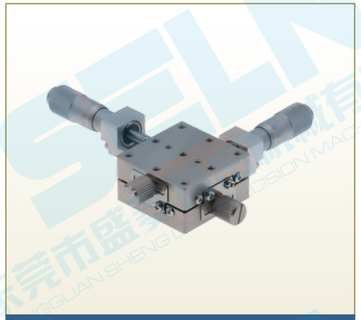
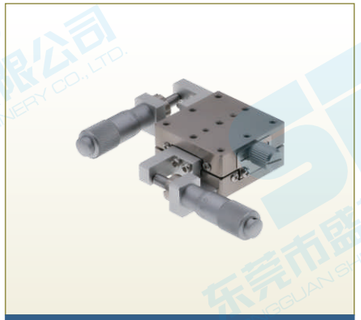
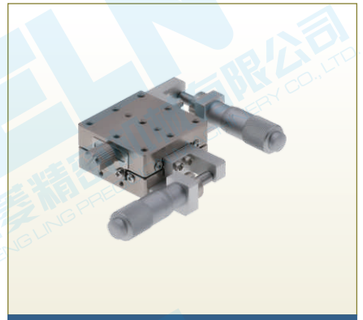
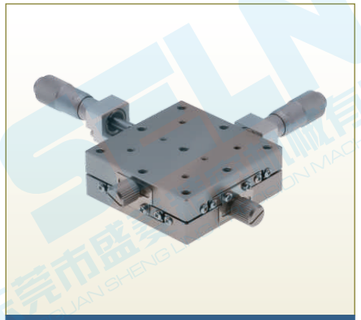
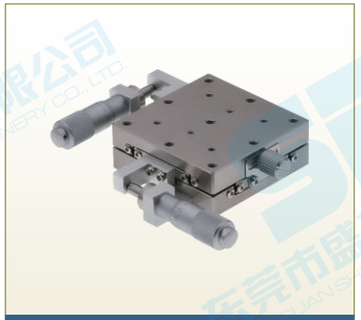
## 线性滚珠型：X-XY轴：超薄型

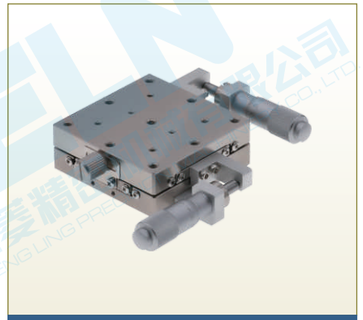

LBY40-CB


LBY40-LB


LBY40-RB


LBY60-CB


LBY60-LB


LBY60-RB

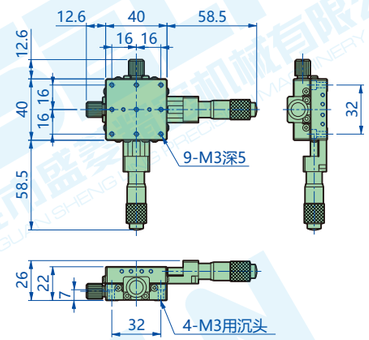
### ▶ 规格参数

| | LBY40-CB | LBY40-LB | LBY40-RB | LBY60-CB | LBY60-LB | LBY60-RB |
|---|---|---|---|---|---|---|
| 移动方向 | XY轴两个方向 | | | | | |
| 主体材质 | SUS440C | | | | | |
| 驱动方式 | 微分头 | | | | | |
| 台面大小 | 40mm×40mm | | | 60mm×60mm | | |
| 台面厚度 | 22mm | | | | | |
| 行　程 | ±6.5mm | | | | | |
| 负　载 | 98N(10kgf) | | | | | |
| 最小刻度 | 0.01mm | | | | | |
| 移动平行度 | >0.005mm/13mm | | | | | |
| 平 行 度 | 0.04mm | | | | | |
| 重　量 | 0.34kg | | | 0.64kg | | |

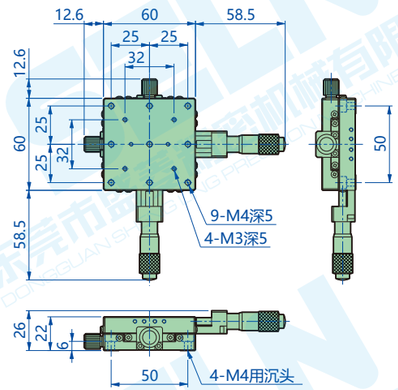


线性滚珠型：X-XY轴：超薄型

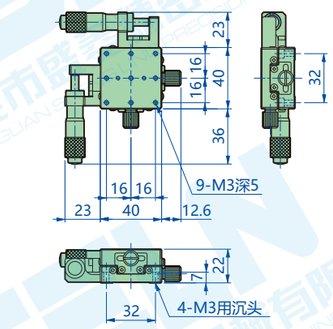
### ▶ LBY40-CB



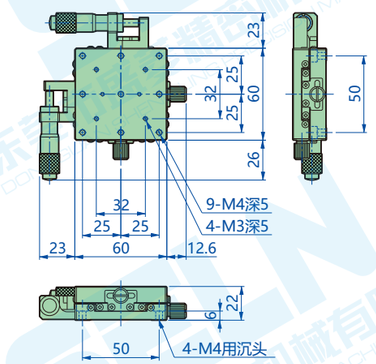

### ▶ LBY60-CB



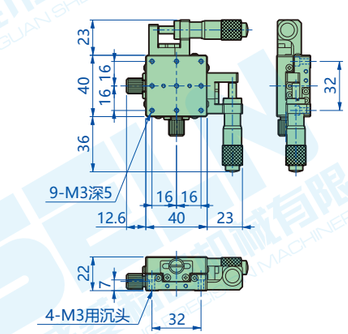

### ▶ LBY40-LB



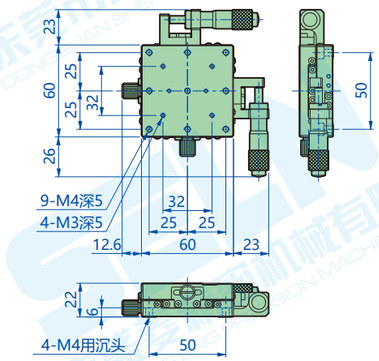

### ▶ LBY60-LB




### ▶ LBY40-RB




### ▶ LBY60-RB



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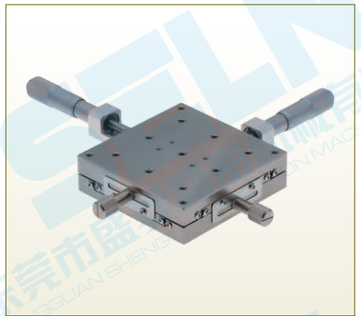
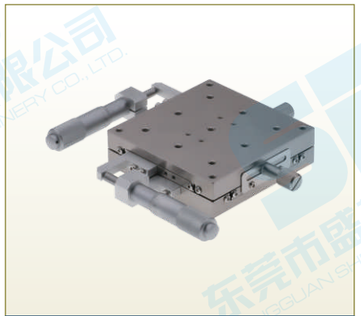
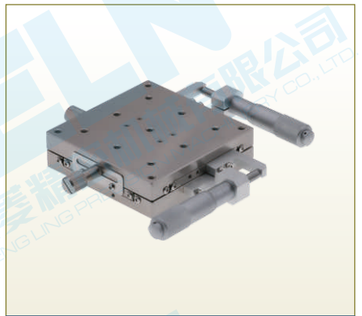
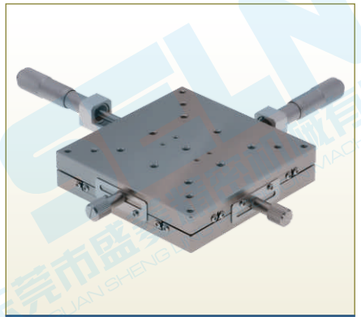
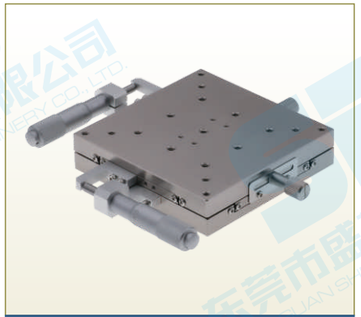
## 线性滚珠型：X-XY轴：超薄型

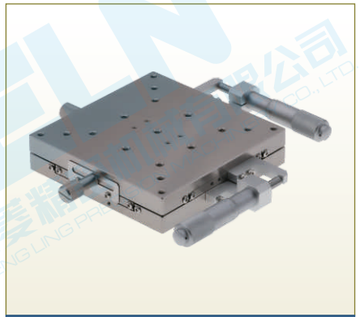

LBY80-CB


LBY80-LB


LBY80-RB


LBY100-CB


LBY100-LB


LBY100-RB

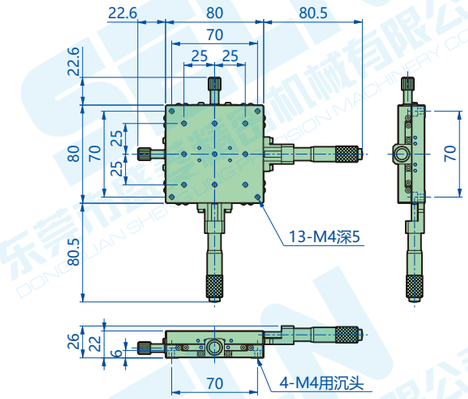
### ▶ 规格参数

| | LBY80-CB | LBY80-LB | LBY80-RB | LBY100-CB | LBY100-LB | LBY100-RB |
|---|---|---|---|---|---|---|
| 移动方向 | XY轴两个方向 | | | | | |
| 主体材质 | SUS440C | | | | | |
| 驱动方式 | 微分头 | | | | | |
| 台面大小 | 80mm×80mm | | | 100mm×100mm | | |
| 台面厚度 | 22mm | | | | | |
| 行　程 | ±12.5mm | | | | | |
| 负　载 | 196N(15kgf) | | | | | |
| 最小刻度 | 0.01mm | | | | | |
| 移动平行度 | >0.01mm/25mm | | | | | |
| 平 行 度 | 0.06mm | | | | | |
| 重　量 | 1.04kg | | | 1.63kg | | |

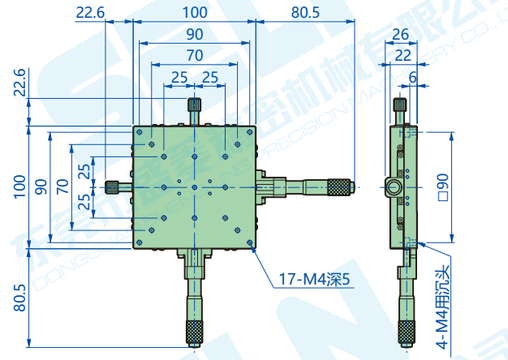


线性滚珠型：X-XY轴：超薄型

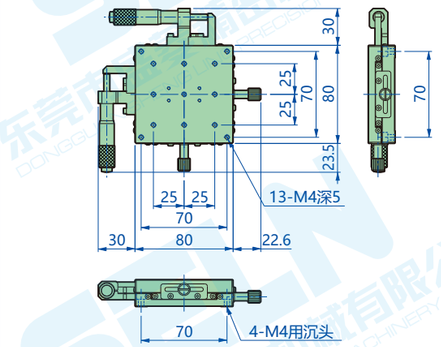
### ▶ LBY80-CB



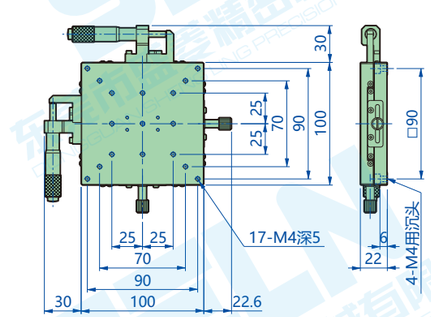

### ▶ LBY100-CB



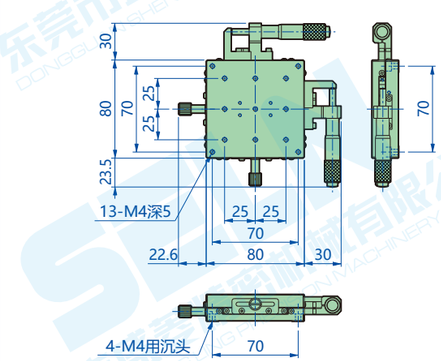

### ▶ LBY80-LB



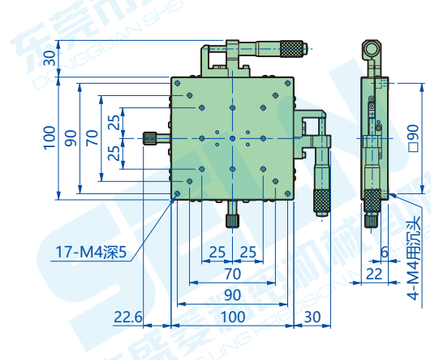

### ▶ LBY100-LB



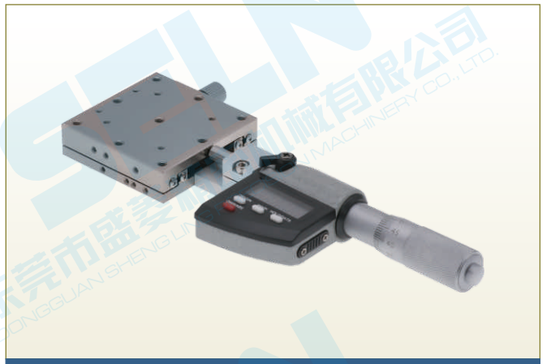

### ▶ LBY80-RB



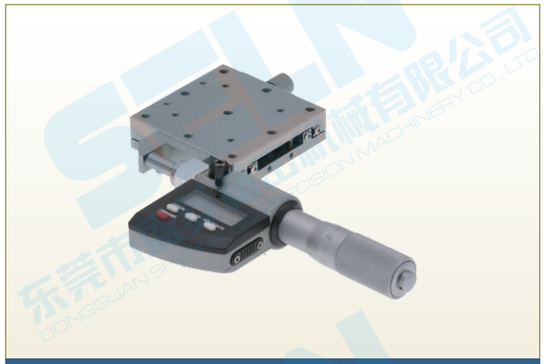

### ▶ LBY100-RB



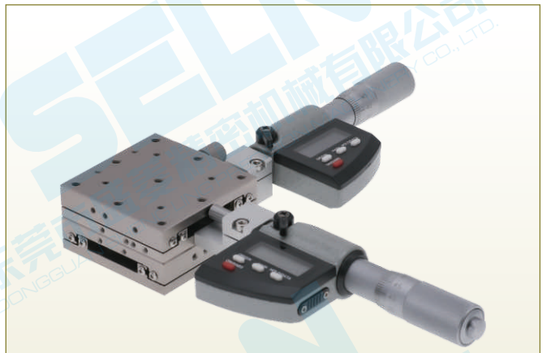
## 线性滚珠型：X-XY轴：数显型



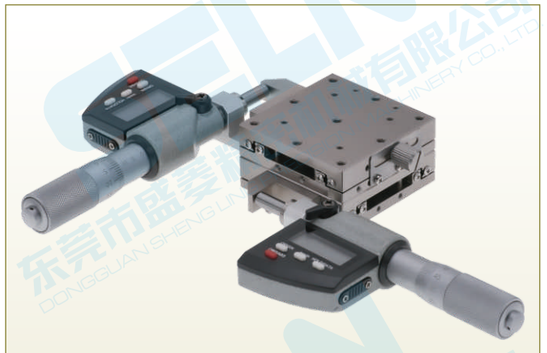
LBX60-C-D



LBX60-L-D



LBY60-C-D



LBY60-L-D

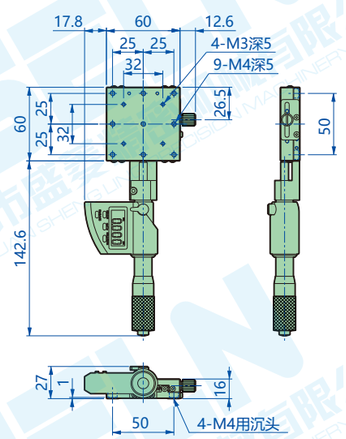
### ▶ 规格参数

| | LBX60-C-D | LBX60-L-D | LBY60-C-D | LBY60-L-D |
|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | XY轴两个方向 | |
| 主体材质 | SUS440C | | | |
| 驱动方式 | 微分头 | | | |
| 台面大小 | 60mm×60mm | | | |
| 台面厚度 | 16mm | | 32mm | |
| 行　程 | ±12.5mm | | | |
| 负　载 | 196N(20kgf) | | | |
| 最小刻度 | 0.01mm | | | |
| 移动平行度 | >0.01mm/25mm | | | |
| 平 行 度 | 0.02mm | | 0.04mm | |
| 重　量 | 0.56kg | | 1.12kg | |

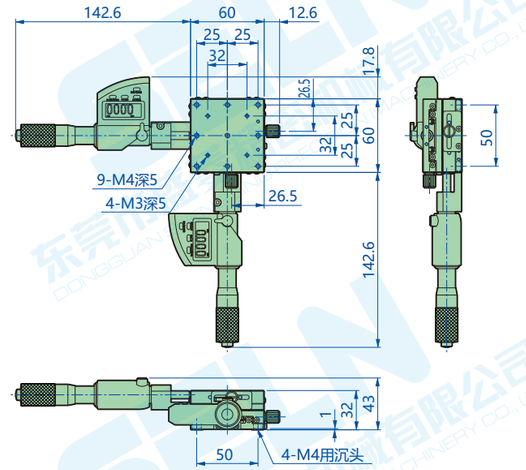


## 线性滚珠型：X-XY轴：数显型

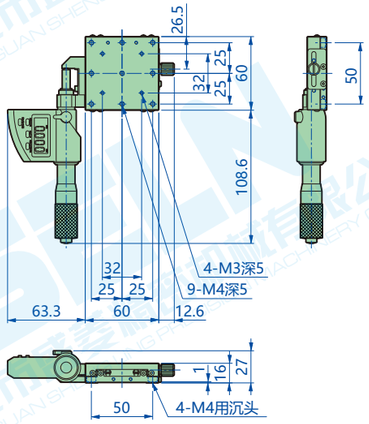
### ▶ LBX60-C-D



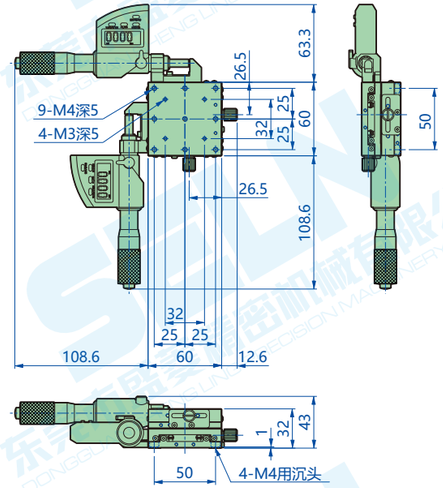

### ▶ LBY60-C-D




### ▶ LBX60-L-D




### ▶ LBY60-L-D



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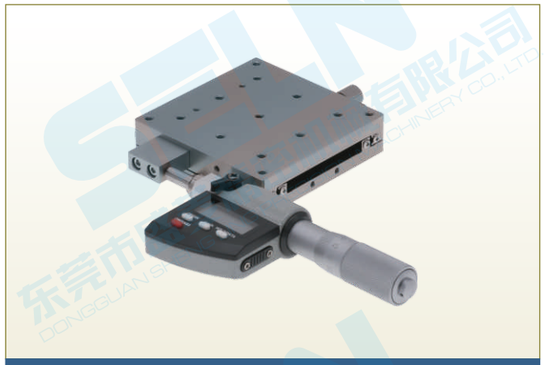
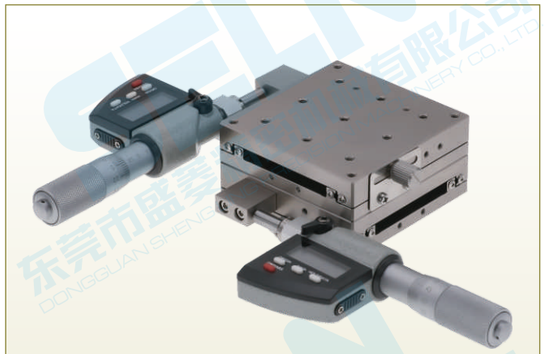
## 线性滚珠型：X-XY轴：数显型

LBX80-C-D


LBX80-L-D

LBY80-C-D


LBY80-L-D

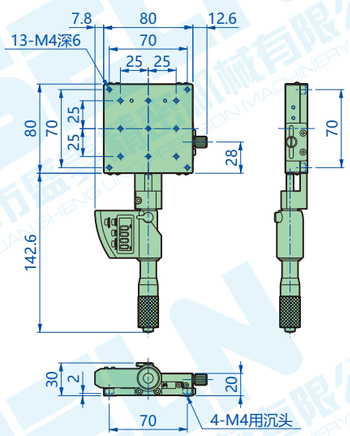
### ▶ 规格参数

| | LBX80-C-D | LBX80-L-D | LBY80-C-D | LBY80-L-D |
|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | XY轴两个方向 | |
| 主体材质 | SUS440C | | | |
| 驱动方式 | 微分头 | | | |
| 台面大小 | 80mm×80mm | | | |
| 台面厚度 | 20mm | | 40mm | |
| 行　程 | ±12.5mm | | | |
| 负　载 | 264.6N(27kgf) | | | |
| 最小刻度 | 0.01mm | | | |
| 移动平行度 | >0.01mm/25mm | | | |
| 平 行 度 | 0.03mm | | 0.06mm | |
| 重　量 | 1.06kg | | 2.12kg | |

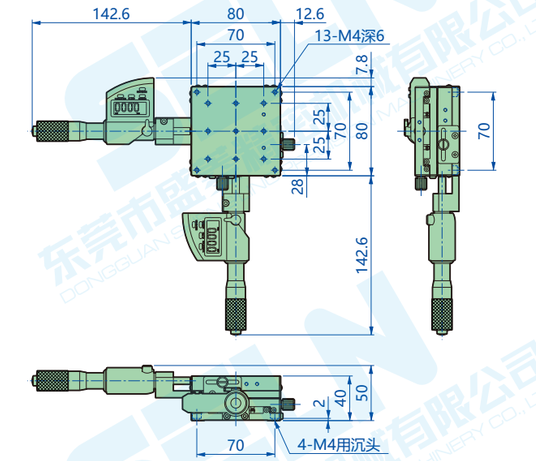


## 线性滚珠型：X-XY轴：数显型

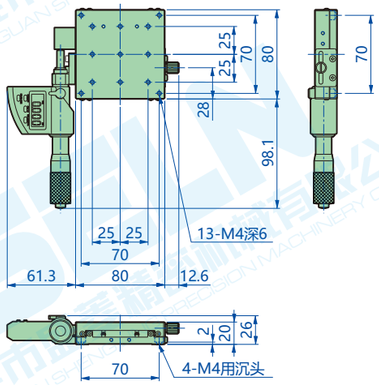
### ▶ LBX80-C-D



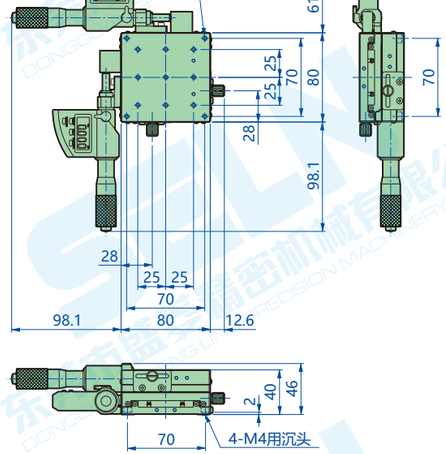

### ▶ LBY80-C-D



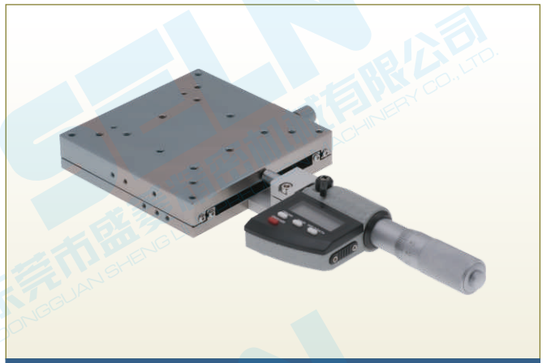

### ▶ LBX80-L-D



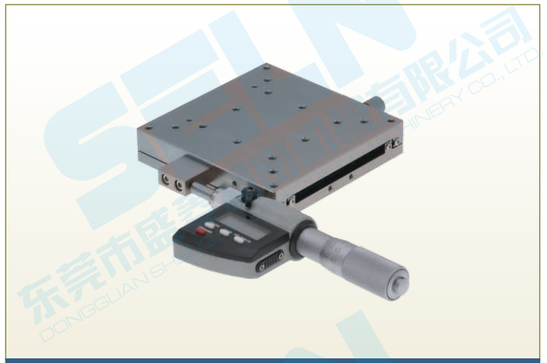

### ▶ LBY80-L-D



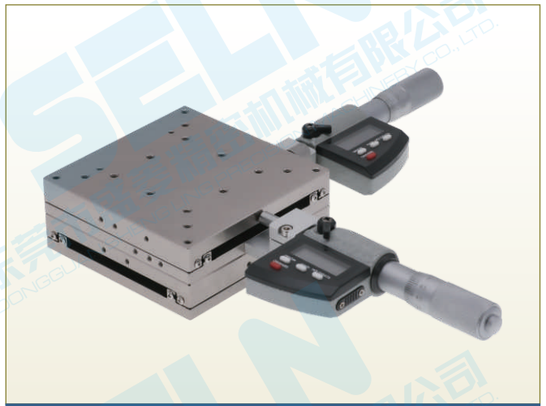
## 线性滚珠型：X-XY轴：数显型



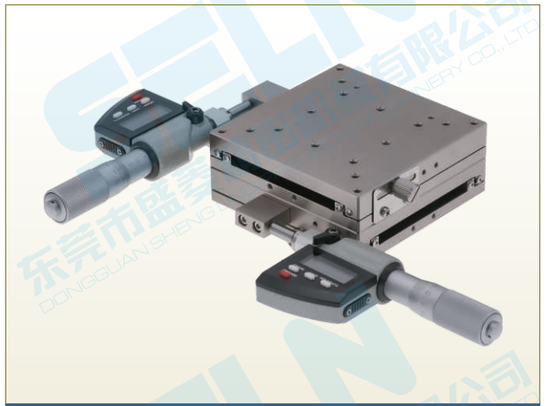
LBX100-C-D



LBX100-L-D



LBY100-C-D



LBY100-L-D

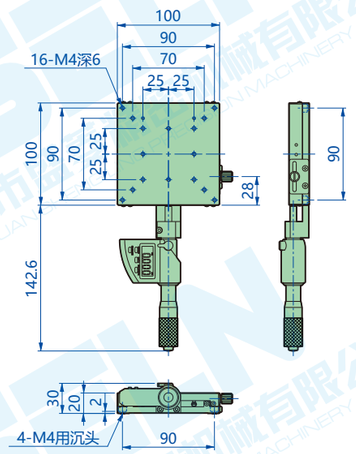
### ▶ 规格参数

| | LBX100-C-D | LBX100-L-D | LBY100-C-D | LBY100-L-D |
|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | XY轴两个方向 | |
| 主体材质 | SUS440C | | | |
| 驱动方式 | 微分头 | | | |
| 台面大小 | 100mm×100mm | | | |
| 台面厚度 | 20mm | | 40mm | |
| 行　程 | ±12.5mm | | | |
| 负　载 | 343N(35kgf) | | | |
| 最小刻度 | 0.01mm | | | |
| 移动平行度 | >0.01mm/25mm | | | |
| 平 行 度 | 0.03mm | | 0.06mm | |
| 重　量 | 1.43kg | | 2.86kg | |

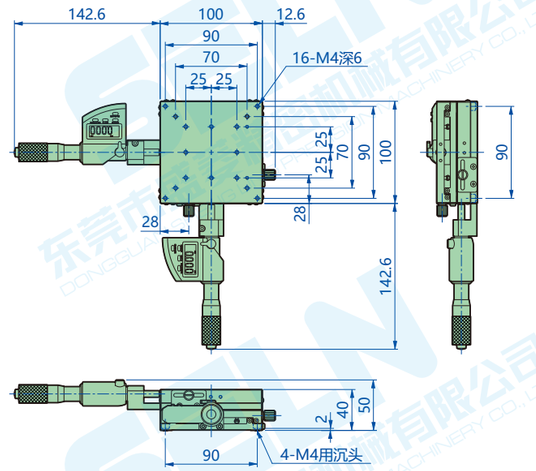


线性滚珠型：X-XY轴：数显型

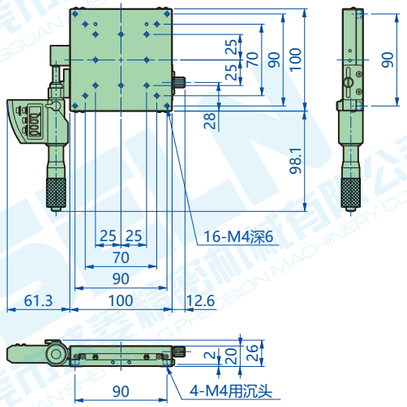
### ▶ LBX100-C-D



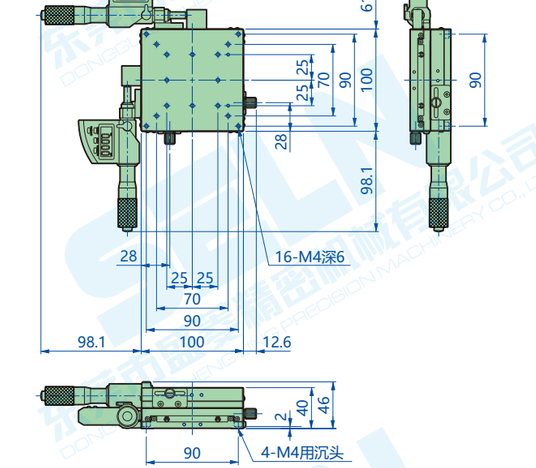

### ▶ LBY100-C-D




### ▶ LBX100-L-D



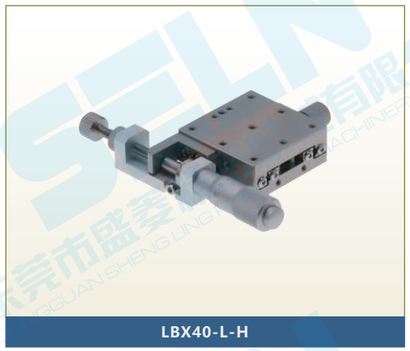

### ▶ LBY100-L-D

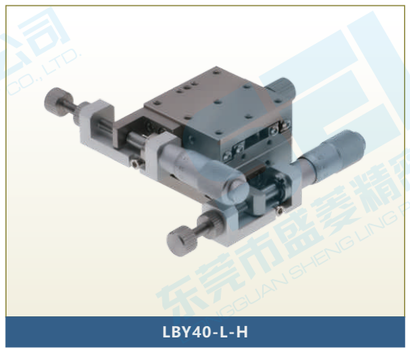


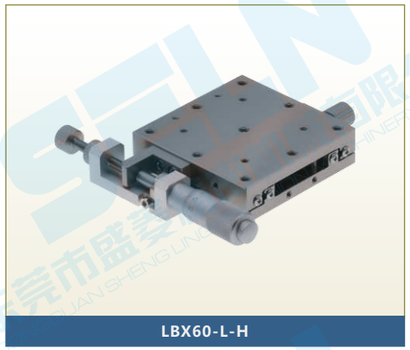


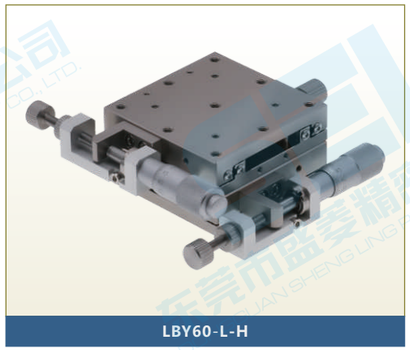

手动位移平台

## 线性滚珠型：X-XY轴：对置锁紧型


LBX40-L-H


LBY40-L-H


LBX60-L-H


LBY60-L-H

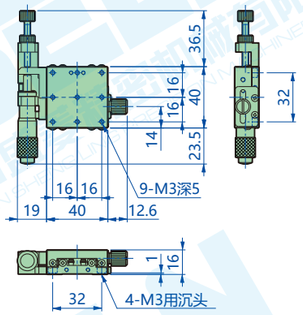
### ▶ 规格参数

| | LBX40-L-H | LBX60-L-H | LBY40-L-H | LBY60-L-H |
|---|---|---|---|---|
| 移动方向 | X轴一个方向 | | XY轴两个方向 | |
| 主体材质 | SUS440C | | SUS440C | |
| 驱动方式 | 微分头 | | 微分头 | |
| 台面大小 | 40mm×40mm | 60mm×60mm | 40mm×40mm | 60mm×60mm |
| 台面厚度 | 16mm | | 32mm | |
| 行　程 | ±6.5mm | | ±6.5mm | |
| 负　载 | 98N(10kgf) | 196N(20kgf) | 98N(10kgf) | 196N(20kgf) |
| 最小刻度 | 0.01mm | | 0.01mm | |
| 移动平行度 | ≤0.005mm/13mm | | ≤0.005mm/13mm | |
| 平 行 度 | 0.02mm | | 0.04mm | |
| 重　量 | 0.24kg | 0.48kg | 0.41kg | 0.82kg |

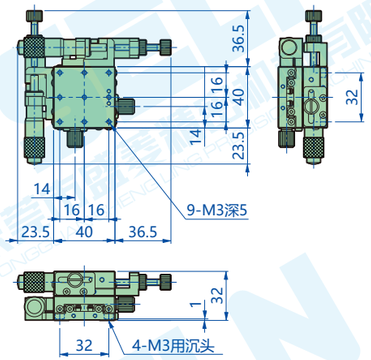


## 线性滚珠型：X-XY轴：对置锁紧型

### ▶ LBX40-L-H




### ▶ LBY40-L-H

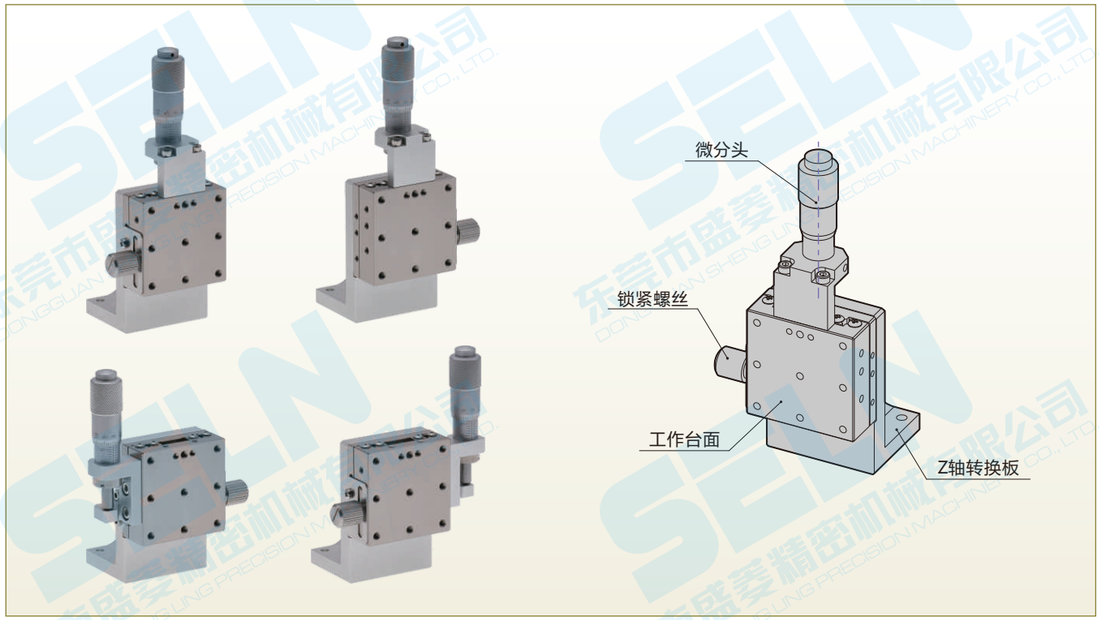



### ▶ LBX60-L-H




### ▶ LBY60-L-H

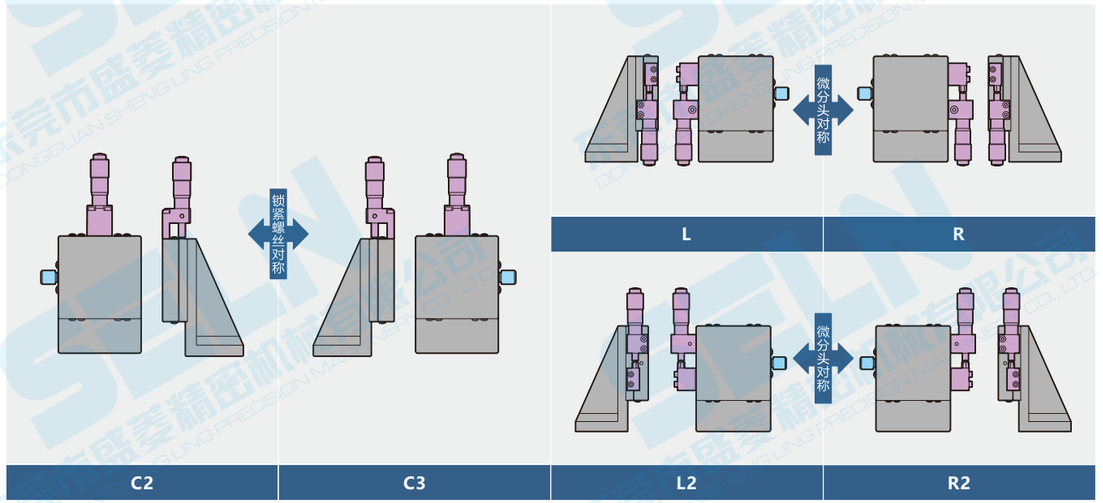
## 线性滚珠型：Z轴（垂直升降）




### ▶型号说明

LB V 60 - C2

| 移动方式 | 移动方向 | 台面尺寸 | 微分头安装位置 |
|---|---|---|---|
| 平行方向，线性滚珠型 | **V**：Z轴一个方向（垂直升降） | 单位：mm | 参考下图 |



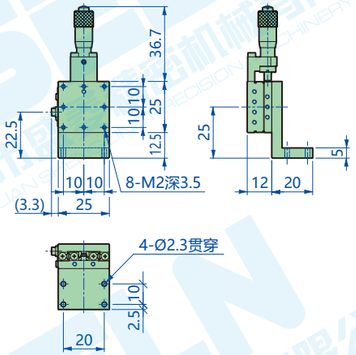



## 线性滚珠型：Z轴（垂直升降）：□25

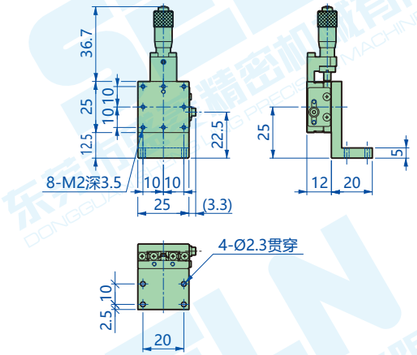
### ▶规格参数

| | LBV25-C2 | LBV25-3 | LBV25-L2 | LBV25-R2 |
|---|---|---|---|---|
| 移动方向 | Z轴一个方向 | | | |
| 台面大小 | 25mm×25mm | | | |
| 行　程 | ±3mm | | | |
| 负　载 | 9.8N(1kgf) | | | |
| 最小刻度 | 0.01mm | | | |
| 移动垂直度 | ≤0.01mm/6mm | | | |
| 重　量 | 0.09kg | | | |

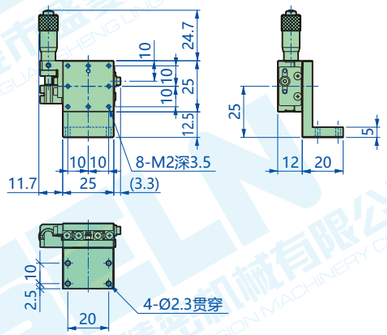
### ▶LBV25-C2



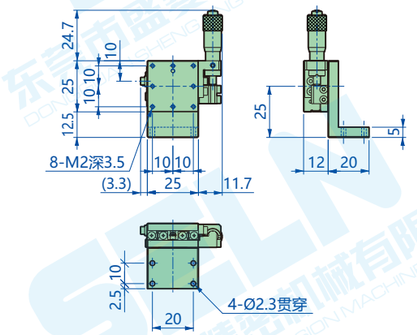

### ▶LBV25-C3




### ▶LBV25-L2




### ▶LBV25-R2



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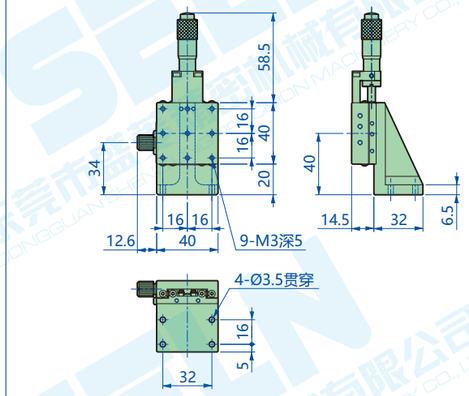
## 线性滚珠型：Z轴（垂直升降）：□40

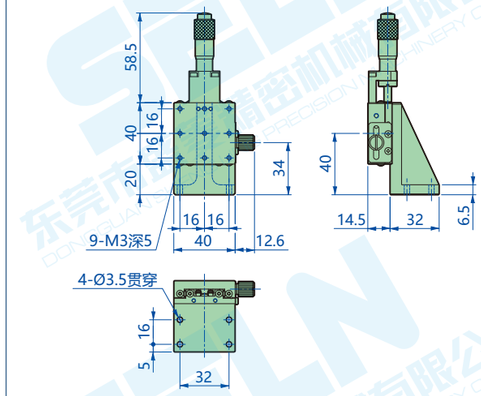
### ▶ 规格参数

| | LBV40-C2 | LBV40-C3 | LBV40-L2 | LBV40-R2 |
|---|---|---|---|---|
| 移动方向 | Z轴一个方向 | | | |
| 台面大小 | 40mm×40mm | | | |
| 行　程 | ±6.5mm | | | |
| 负　载 | 49N(5kgf) | | | |
| 最小刻度 | 0.01mm | | | |
| 移动垂直度 | ≤0.01mm/13mm | | | |
| 重　量 | 0.32kg | | | |

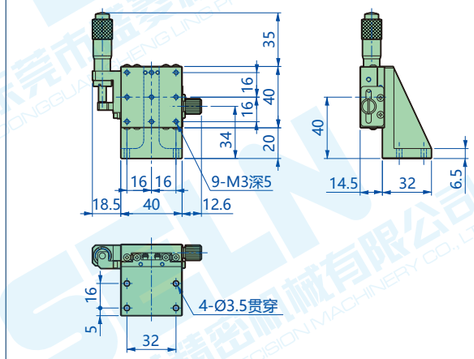
### ▶ LBV40-C2



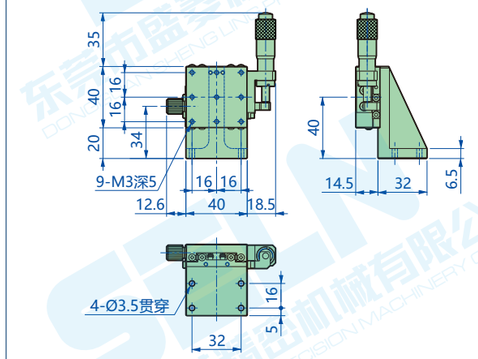

### ▶ LBV40-C3




### ▶ LBV40-L2




### ▶ LBV40-R2

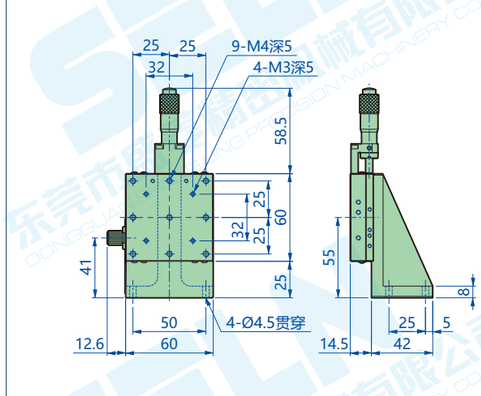



## 线性滚珠型：Z轴（垂直升降）：□60

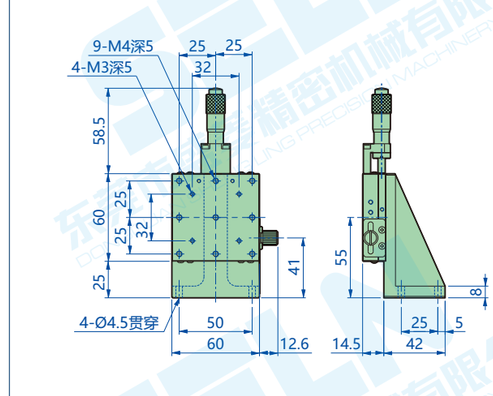
### ▶ 规格参数

| | LBV60-C2 | LBV60-C3 | LBV60-L2 | LBV60-R2 |
|---|---|---|---|---|
| 移动方向 | Z轴一个方向 | | | |
| 台面大小 | 60mm×60mm | | | |
| 行　程 | ±6.5mm | | | |
| 负　载 | 49N(5kgf) | | | |
| 最小刻度 | 0.01mm | | | |
| 移动垂直度 | ≤0.01mm/13mm | | | |
| 重　量 | 0.58kg | | | |

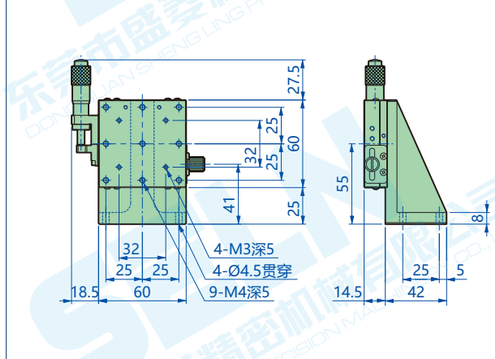
### ▶ LBV60-C2



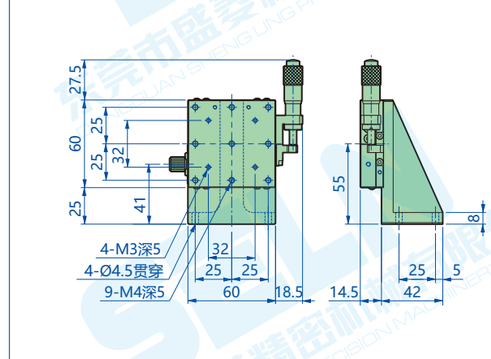

### ▶ LBV60-C3




### ▶ LBV60-L2




### ▶ LBV60-R2



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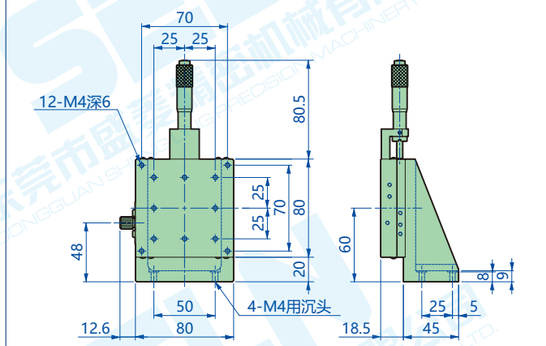
## 线性滚珠型：Z轴（垂直升降）：□80

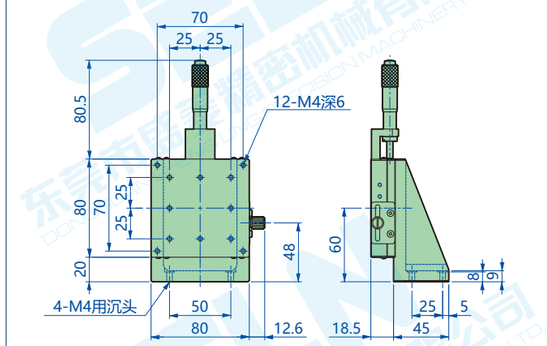
### ▶ 规格参数

| | LBV80-C2 | LBV80-C3 | LBV80-L2 | LBV80-R2 |
|---|---|---|---|---|
| 移动方向 | Z轴一个方向 | | | |
| 台面大小 | 80mm×80mm | | | |
| 行　程 | ±12.5mm | | | |
| 负　载 | 49N(5kgf) | | | |
| 最小刻度 | 0.01mm | | | |
| 移动垂直度 | ≤0.02mm/25mm | | | |
| 重　量 | 1.20kg | | | |

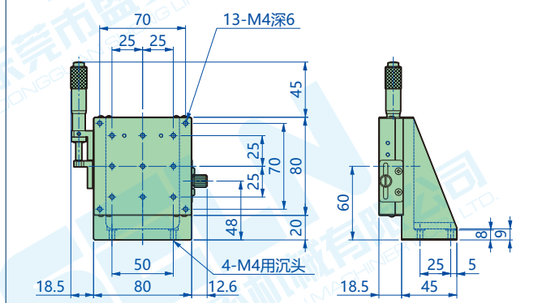
### ▶ LBV80-C2



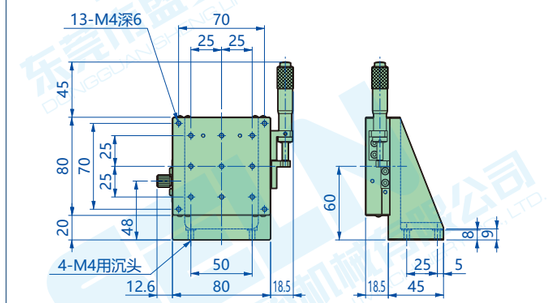

### ▶ LBV80-C3




### ▶ LBV80-L2

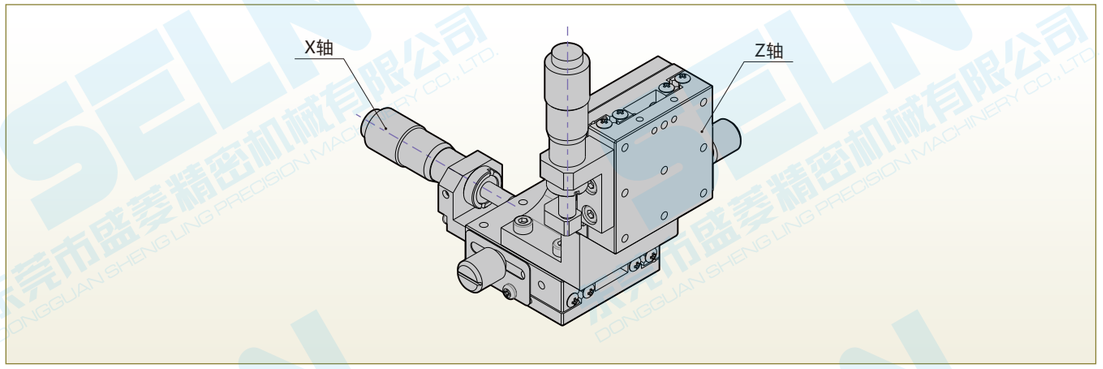



### ▶ LBV80-R2




## 线性滚珠型：多轴组合

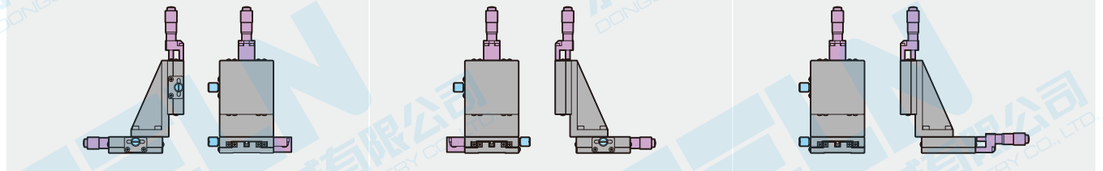
## 多轴组合：XZ轴(垂直升降)



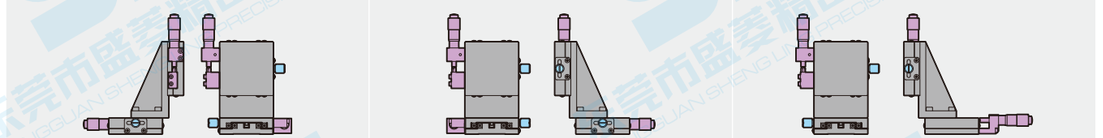

### ▶ 型号说明

LB EV 60 - L - C2

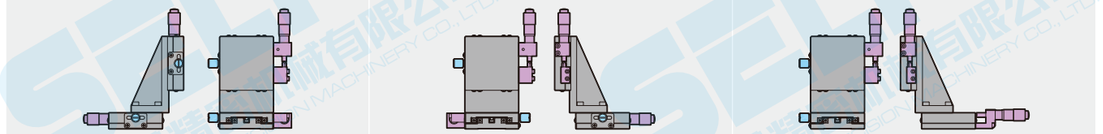
| 移动方式 | 移动方向 | 台面尺寸 | X 轴微分头位置 | Z 轴微分头位置 |
|---|---|---|---|---|
| 平行方向，线性滚珠型 | **EV**：XZ两个方向（垂直升降） | 单位：mm | 参考下图 | |



-L-C2 | -R-C2 | -C-C2



-L-L2 | -R-L2 | -C-L2



-L-R2 | -R-R2 | -C-R2

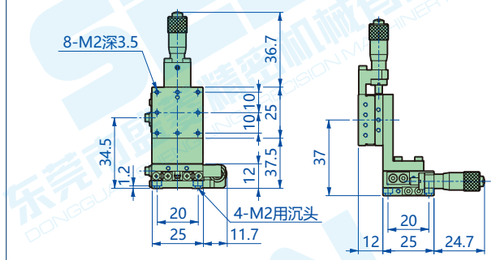
除以上组合形式外，也可根据客户需求进行组合，如有需要请联系销售人员。

## 线性滚珠型：XZ轴（垂直升降）

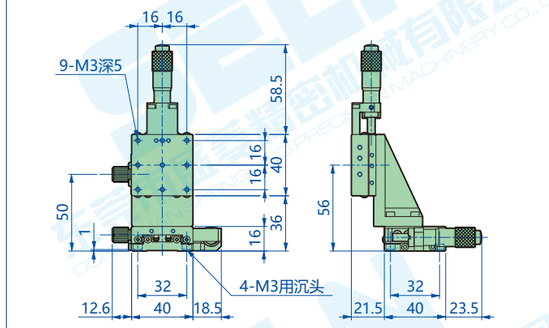
### ▶ 规格参数

| | LBEV25-L-C2 | LBEV40-L-C2 | LBEV60-L-C2 | LBEV80-L-C2 |
|---|---|---|---|---|
| 移动方向 | XZ轴两个方向 | | | |
| 台面大小 | 25mm×25mm | 40mm×40mm | 60mm×60mm | 80mm×80mm |
| 行　程 | ±3.25mm | ±6.5mm | ±6.5mm | ±12.5mm |
| 负　载 | 9.8N(1kgf) | 49N(5kgf) | 49N(5kgf) | 49N(5kgf) |
| 最小刻度 | 0.01mm | | | |
| 重　量 | 0.16kg | 0.55kg | 0.98kg | 2.10kg |

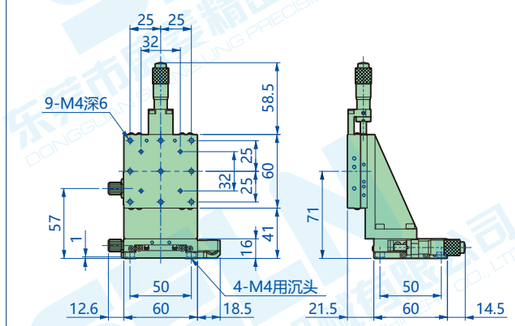
### ▶ LBEV25-L-C2



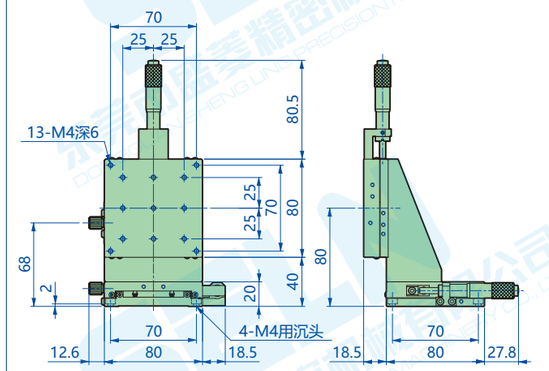

### ▶ LBEV40-L-C2




### ▶ LBEV60-L-C2




### ▶ LBEV80-L-C2



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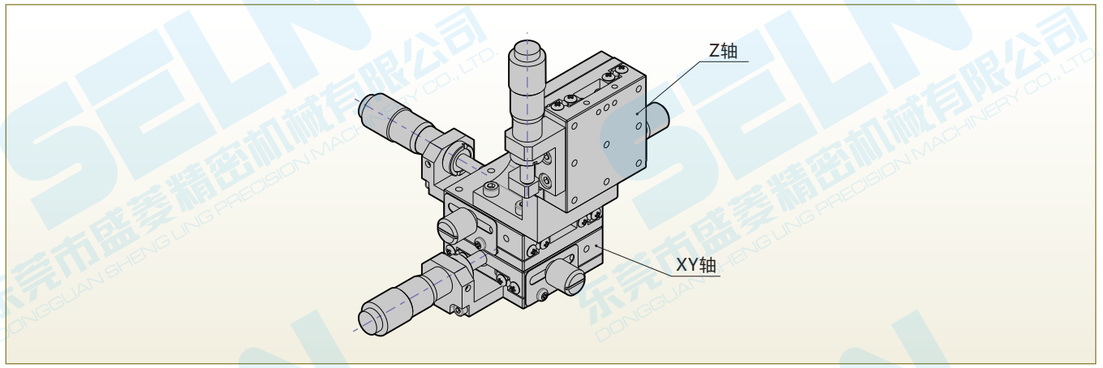
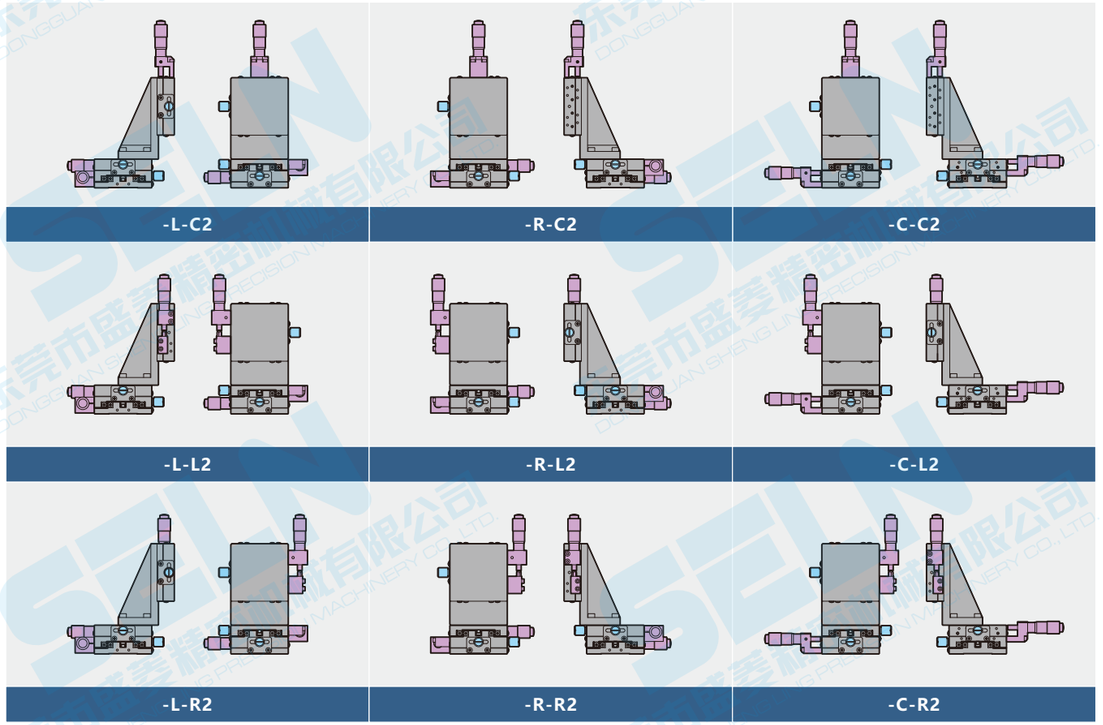
## 多轴组合：XYZ轴(垂直升降)




### ▶ 型号说明

LB DV 60 - L - M - C2

| 移动方式 | 移动方向 | 台面尺寸 | XY 轴微分头位置 | XY 轴组合方式 | Z 轴微分头位置 |
|---|---|---|---|---|---|
| 平行方向，线性滚珠型 | **DV**：XYZ三个方向(垂直升降) | 单位：mm | 参考下图 | **无标记**：标准型<br>**B**：超薄型 | 参考下图 |




除以上组合形式外，也可根据客户需求进行组合，如有需要请联系销售人员。

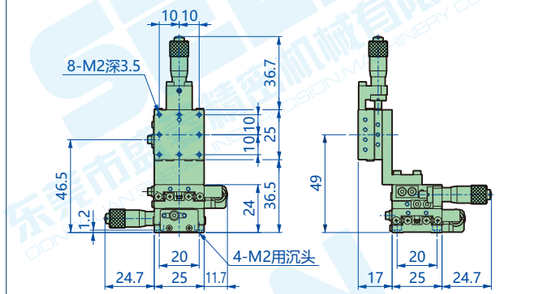


## 线性滚珠型：XYZ轴（垂直升降）

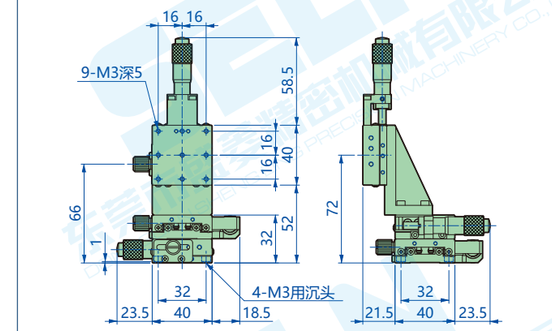
### ▶ 规格参数

| | LBDV25-L-C2 | LBDV40-L-C2 | LBDV60-L-C2 | LBDV80-L-C2 |
|---|---|---|---|---|
| 移动方向 | XYZ轴三个方向 | | | |
| 台面大小 | 25mm×25mm | 40mm×40mm | 60mm×60mm | 80mm×80mm |
| 行　程 | ±3.25mm | ±6.5mm | ±6.5mm | ±12.5mm |
| 负　载 | 9.8N(1kgf) | 49N(5kgf) | 49N(5kgf) | 49N(5kgf) |
| 最小刻度 | 0.01mm | | | |
| 重　量 | 0.23kg | 0.78kg | 1.38kg | 3.00kg |

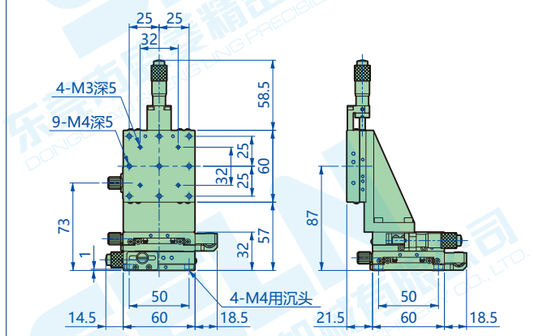
### ▶ LBDV25-L-C2

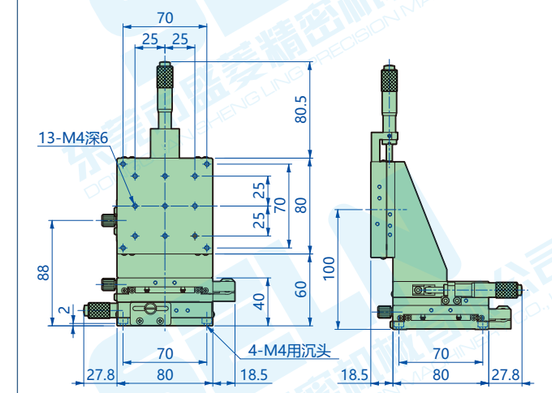



### ▶ LBDV40-L-C2




### ▶ LBDV60-L-C2




### ▶ LBDV80-L-C2