

手动四维组合台

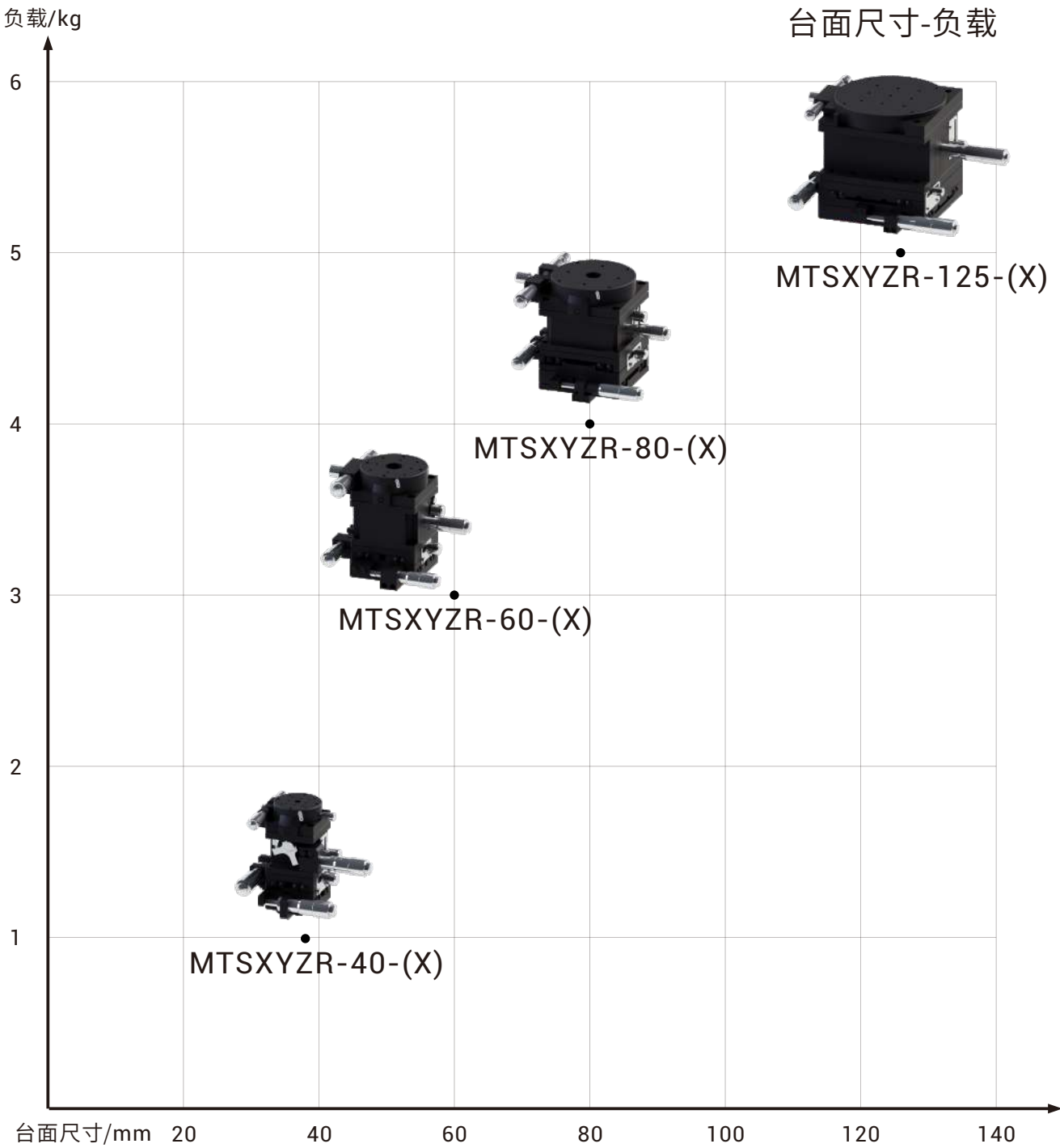
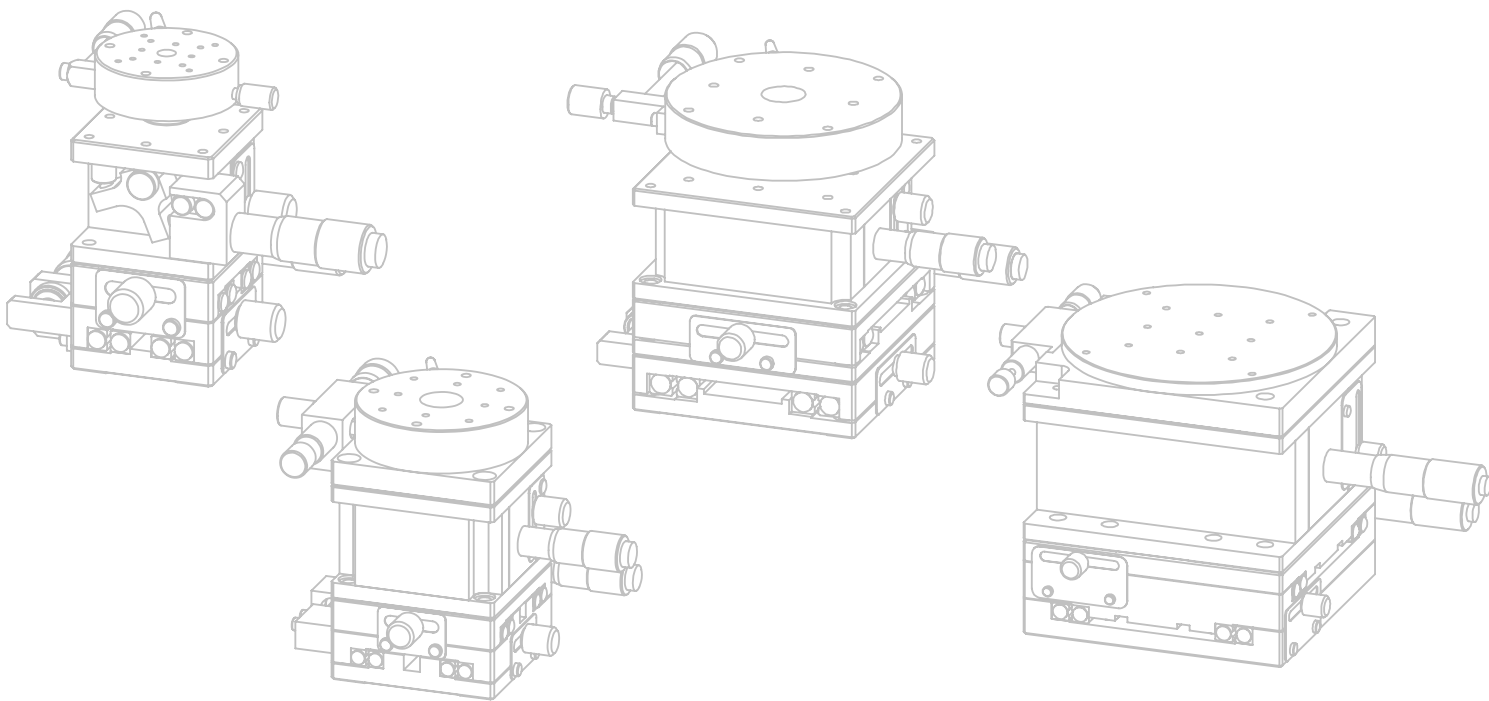
Manual Four-dimensional Combination Stage

MTSXYZR-40-(X) MTSXYZR-60-(X)
MTSXYZR-80-(X) MTSXYZR-125-(X)



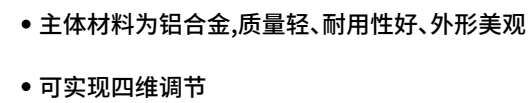
手动四维组合台-选型表

产品名称 Name	产品型号 Model	图片 Picture	行程 Travel Range	微分头最小读数 Min. Differentiator Reading	导轨类型 Rail type	水平负载(Kg) Load Capacity	台面直径 (mm) Dimensions
手动四维组合台	MTSXYZR-40-(X)		XY:±6.5mm Z:10mm θ:360°/±5°	XY:0.01mm Z:0.01mm θ:0.1°	XYZ:交叉滚柱导轨 θ:铜套磨合型	1	38
手动四维组合台	MTSXYZR-60-(X)		XY:±6.5mm Z:10mm θ:360°/±5°	XY:0.01mm Z:0.01mm θ:0.1°	XYZ:交叉滚柱导轨 θ:铜套磨合型	3	60
手动四维组合台	MTSXYZR-80-(X)		XY:±12.5mm Z:10mm θ:360°/±5°	XY:0.01mm Z:0.01mm θ:0.1°	XYZ:交叉滚柱导轨 θ:铜套磨合型	4	80
手动四维组合台	MTSXYZR-125-(X)		XY:±12.5mm Z:20mm θ:360°/±5°	XY:0.01mm Z:0.01mm θ:0.1°	XYZ:交叉滚柱导轨 θ:铜套磨合型	5	125



Manual Four-dimensional Combination
Stage

Model	MTSXYZR-40-(X)	MTSXYZR-60-(X)	MTSXYZR-80-(X)	MTSXYZR-125-(X)
行程	XY:±6.5mm;Z:10mm θ:360°/±5°		XY:±12.5mm;Z:10mm θ:360°/±5°	XY:±12.5mm;Z:20mm θ:360°/±5°
水平负载(kg)	1	3	4	5
导轨类型	XYZ:交叉滚柱导轨;θ:铜套磨合型			
微分头最小读数	XY:0.01mm;Z:0.01mm;θ:0.1°			
位移方向	XYZθ轴			



MTS系列是菲克科技开发的超高精密手动四维组合台,可提供多种规格以应对不同的使用场景及需求。手动四维组合台产品主体材料采用铝合金,表面阳极氧化处理,强度较高、耐磨性好、外形美观。XYZ轴采用交叉滚柱导轨,θ轴采用铜套磨合型导轨,精密微分头驱动,负载能力强,耐用性好。台面运行平稳可靠,灵敏度高,产品适合用于手动角度调整有较高要求的领域。可实现四维调节。

产品图纸 DIMENSIONS

Technical drawing of the 3000 series hydraulic cylinder, showing three views: a perspective view, a front view, and a side view. The drawing includes dimensions in millimeters and specific feature callouts.

Dimensions and Features:

- Front View (Left):**
 - Overall width: 18
 - Overall height: 44.5
 - Mounting bracket width: 32×32
 - Mounting bracket height: 20×20
 - Mounting bracket hole spacing: 7.7
 - Mounting bracket hole diameter: 12×M2深4
 - Mounting bracket hole diameter: 4×M3深4
 - Mounting bracket hole diameter: 12
 - Mounting bracket hole diameter: 40
 - Mounting bracket hole diameter: 22
 - Mounting bracket hole diameter: 7.7
 - Mounting bracket hole diameter: M6深6
- Side View (Right):**
 - Overall length: 85-95
 - Overall diameter: Ø38
 - Mounting bracket hole diameter: 4×M3用沉头孔
 - Mounting bracket hole diameter: 32×32

Technical drawing of the 3000 series solenoid valve, showing a perspective view, a top view with dimensions, and a side view with dimensions.

Top View Dimensions:

- Overall width: 29
- Overall height: 60
- Mounting hole spacing (center-to-center): 60
- Mounting hole diameter: $\Phi 16$
- Coil terminal spacing: 40.5
- Coil terminal diameter: $\Phi 16$
- Coil terminal length: 50
- Coil terminal mounting hole diameter: $\Phi 16$
- Coil terminal mounting hole spacing: 60
- Coil terminal mounting hole diameter: $\Phi 16$
- Coil terminal mounting hole spacing: 27

Side View Dimensions:

- Overall length: 97-107
- Coil terminal diameter: $\Phi 60$
- Coil terminal length: 50
- Coil terminal mounting hole diameter: $\Phi 16$
- Coil terminal mounting hole spacing: 60
- Coil terminal mounting hole diameter: $\Phi 16$
- Coil terminal mounting hole spacing: 27

Mounting and Connection Details:

- 8×M3深6 (8xM3, depth 6)
- 4×M4深6 (4xM4, depth 6)
- M16×P1.0深6 (M16xP1.0, depth 6)
- 通孔Φ14 (Through hole $\Phi 14$)
- 4×M3用沉头孔 (4xM3 countersink hole)

手动四维组合台

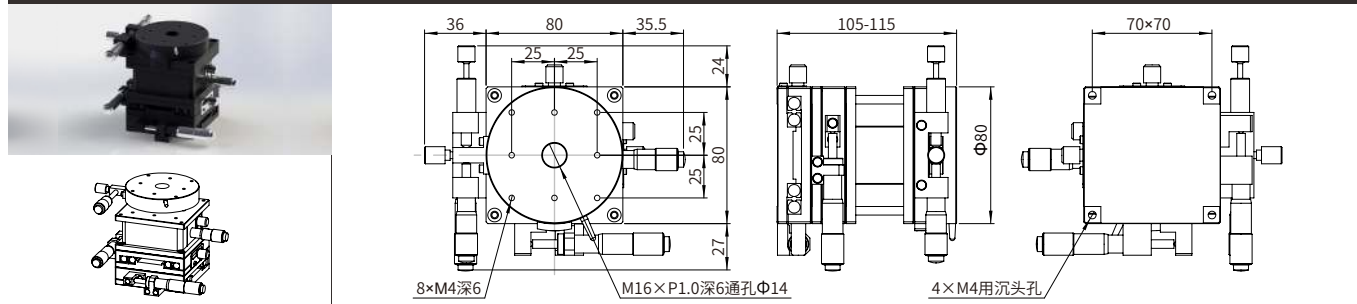
Manual Four-dimensional Combination Stage

MTSXYZR-40-(X) MTSXYZR-60-(X)
MTSXYZR-80-(X) MTSXYZR-125-(X)

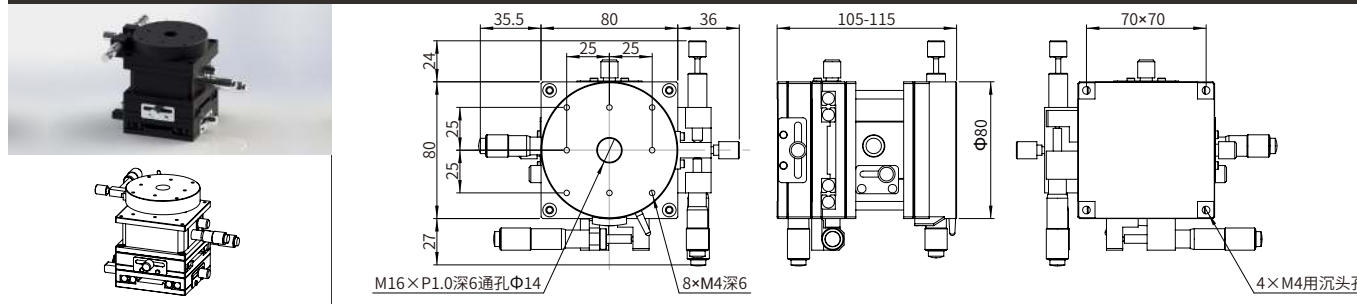


I 产品图纸 DIMENSIONS

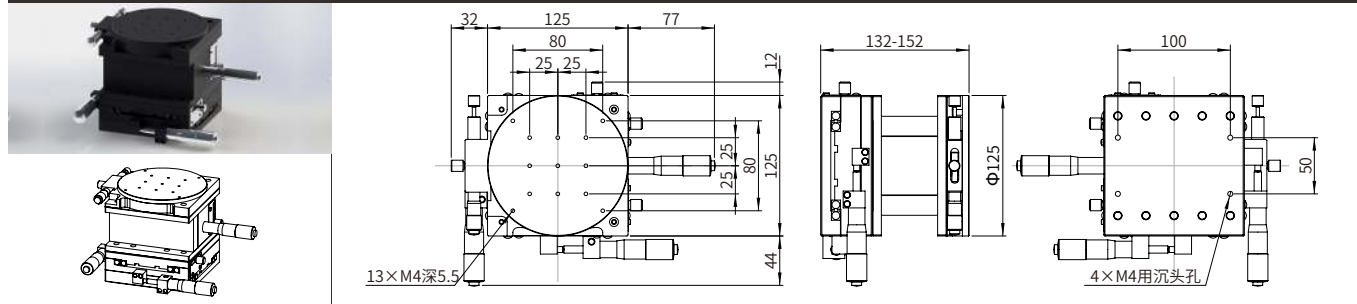
MTSXYZR-80-L



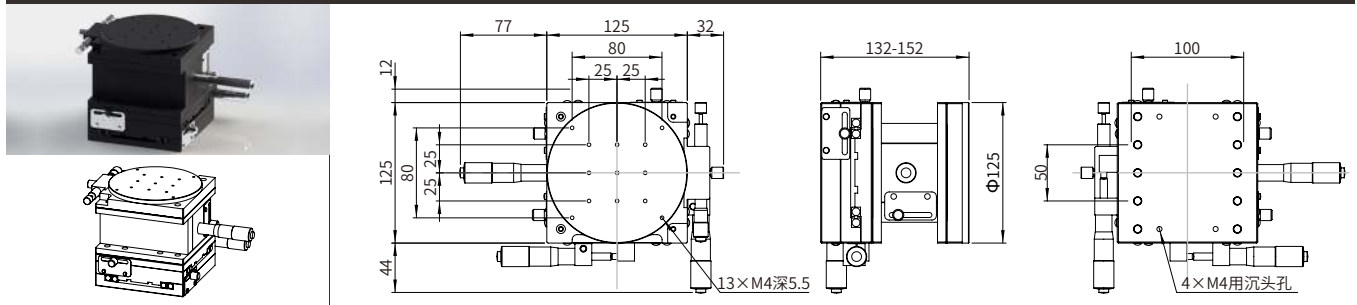
MTSXYZR-80-R



MTSXYZR-125-L



MTSXYZR-125-R



I 产品参数 SPECIFICATIONS

Model	MTSXYZR-40-(X)	MTSXYZR-60-(X)	MTSXYZR-80-(X)	MTSXYZR-125-(X)
行程	XY:±6.5mm;Z:10mm θ:360°/±5°		XY:±12.5mm;Z:10mm θ:360°/±5°	XY:±12.5mm;Z:20mm θ:360°/±5°
水平负载(kg)	1	3	4	5
位移方向	XYZθ轴			
微分头最小读数	XY:0.01mm;Z:0.01mm θ:0.1°			
导轨	XYZ:交叉滚柱导轨;θ:铜套磨合型			
驱动方式	微分头			
驱动位置	X- L:左侧驱动; R:右侧驱动			
主体材料及表面处理	铝合金, 阳极氧化			
台面直径(mm)	38	60	80	125
厚度(mm)	85-95	97-107	105-115	132-152
自重(kg)	0.54	1.17	2.14	4.4