



Precision Mini Rotary Axis

Reliable, Smart, Modular Design, Easy Installation



GMR Series 4.5 Axis



GMC Series 5 Axis



GMA Series



GML Series

Smart

Modular design, small volume
easy to install

Reliable

Closed loop motor control
Support Ethercat/CANopen

Customized

Customized service available

Applicable Industries:

Laser engraving equipment (multi-faceted processing)
Gluing equipment (multi-side coating)
Testing equipment (3D detection)
Light small gantry processing equipment automation
equipment (multi-face processing)

GMR60

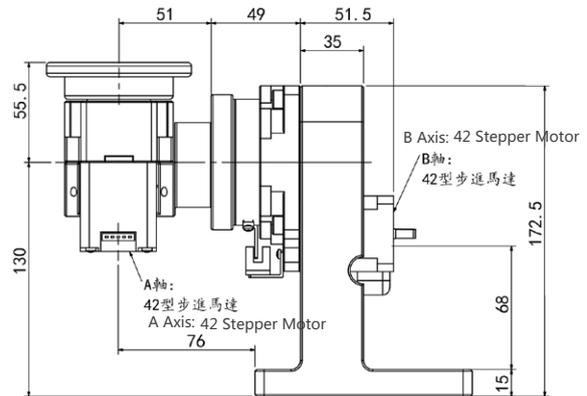
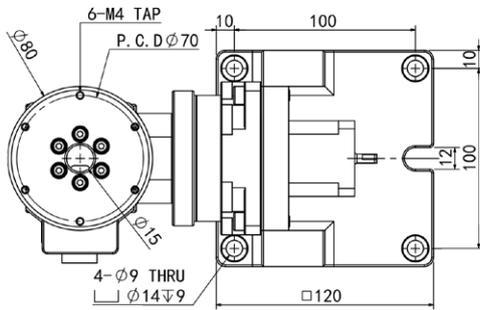


Series	Size	Rotary Radius	A Axis Motor Flange	B Axis Motor Flange	Accessories
GMR	60	100	SV1	SV1	
XXY		100	SV1: Servo Ø8 PCD45, M3 SV2: Servo Ø8 PCD46, M4 Suit for 100 AC Servo Motor	SV1: Servo Ø14 PCD70, M4 SV2: Servo Ø14 PCD70, M5 SV3: Servo Ø11 PCD70, M4 Suit for 200~400W AC Servo Motor	L: Lengthen Metal Sheet None: Standard
GXYR		140			
GX		190			
GZ			ST1: Stepper Ø5 PCD43.8,M3 ST2: Stepper Ø6 PCD43.8,M3 Suit for 42 Stepper Motor	ST1: Stepper Ø6.35 PCD66.67,M4 ST2: Stepper Ø6.35 PCD70.7,M4 ST3: Stepper Ø8 PCD70.7,M4 ST4: Stepper Ø8 PCD66.67,M4 Suit for 57/60 Stepper Motor	
GTZ					
GXY			S: Stepper Motor		
GR				S: Dedicated Stepper Motor	
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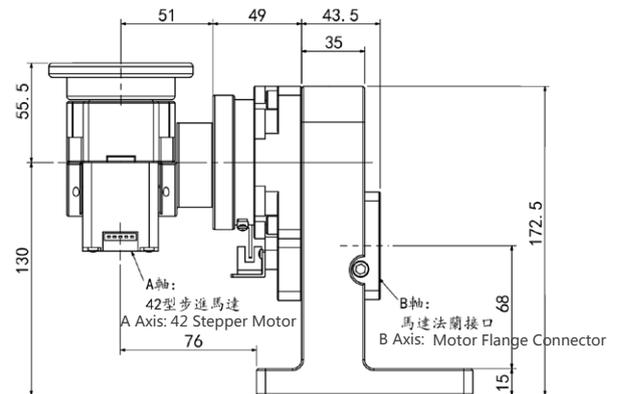
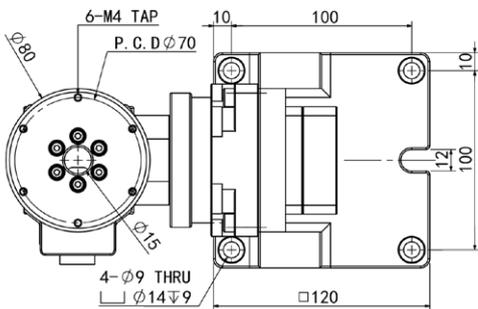
Technical Parameters

Parameters		GMR60-100	GMR60-140	GMR60-190
Allowable Torque	N.m	5.3		
Allowable Load	kg	3		
Rotation Angle	A Axis	360°		
	B Axis	±180°		
Rotation Accuracy	A Axis	≤ 30"		
	B Axis	≤ 30"		
Repeatability	A Axis	≤ 10"		
	B Axis	≤ 10"		
Max Rotation Radius	mm	90	130	180
2D Concentricity	mm	±0.02		
2D Flatness	mm	±0.02		
Rotation Amplitude of Table Surface	mm	±0.005		
Gear Ratio	i	A(1:5) B(1:10) S(1:18)		
Allowable Rotation Speed	° /sec	1080		
Ingress Protection		IP60		
Motor	A Axis	42 Stepper Motor/100W Servo Motor		
	B Axis	57/60 Stepper Motor/200W~400W Servo Motor		

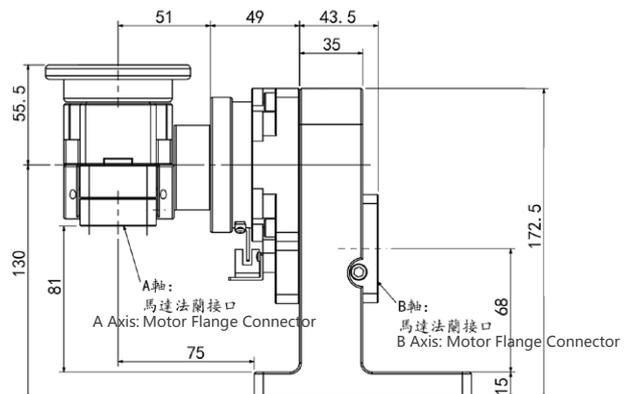
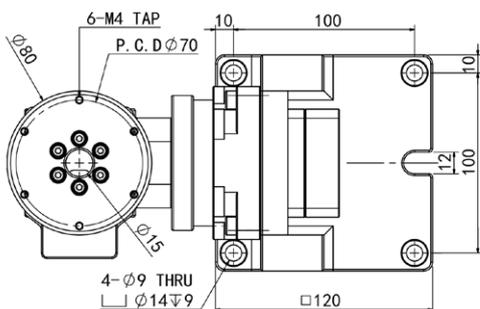
■ GMR60-100-S-S



■ GMR60-100-S-SV1

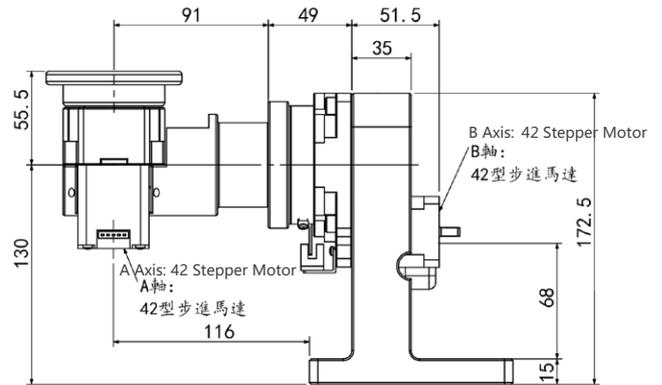
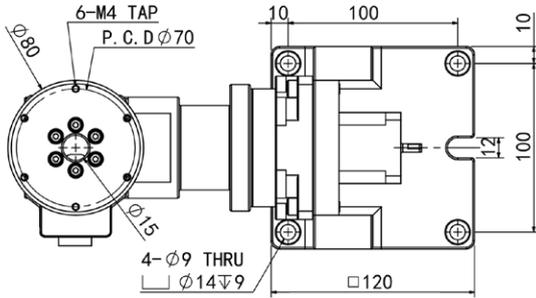


■ GMR60-100-SV1-SV1

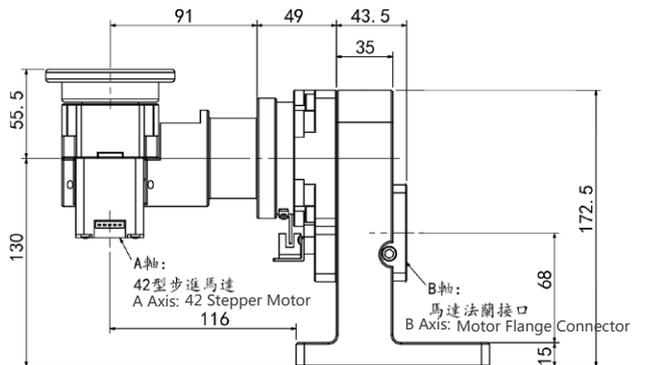
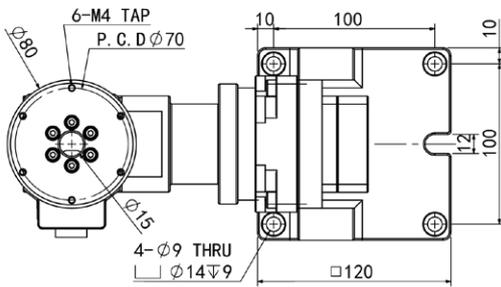


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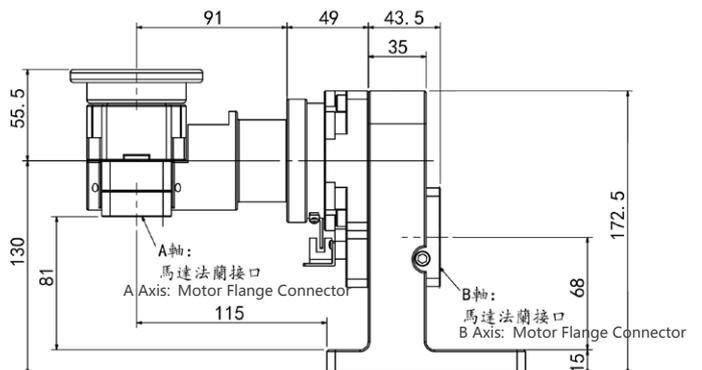
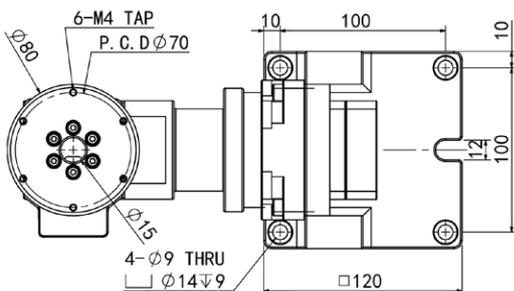
■ GMR60-140-S-S



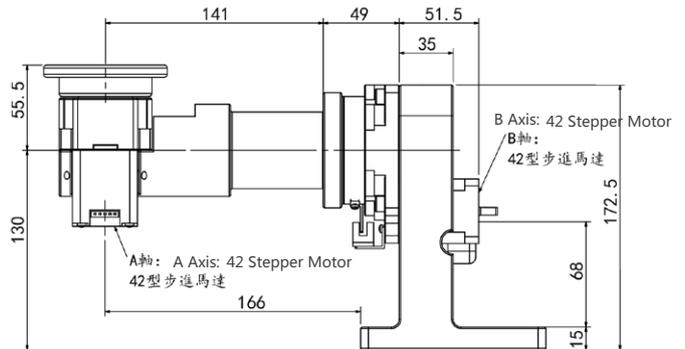
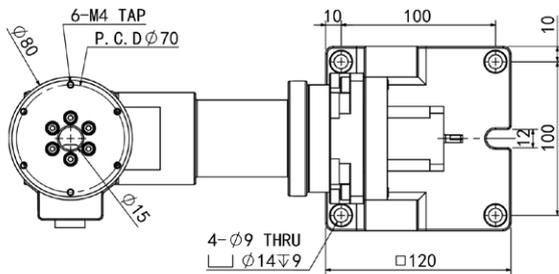
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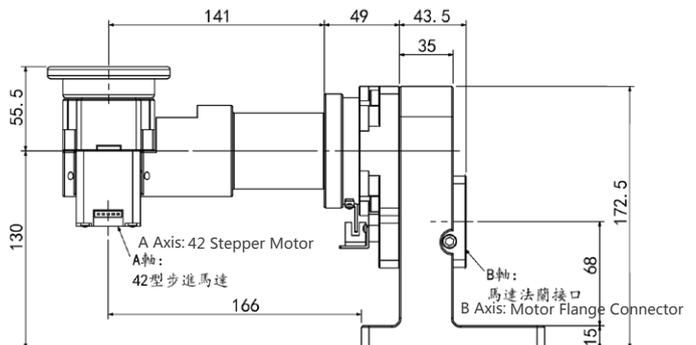
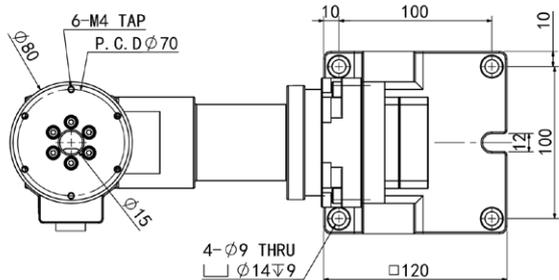
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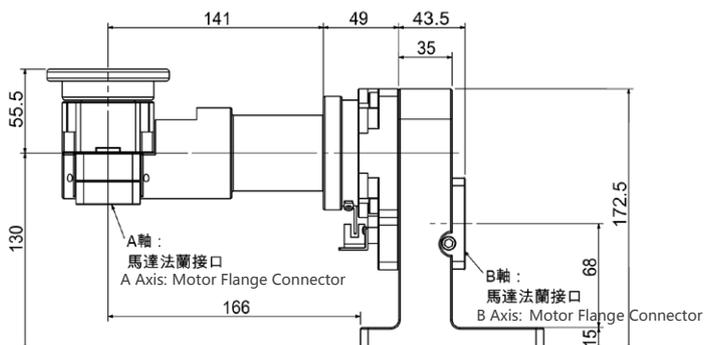
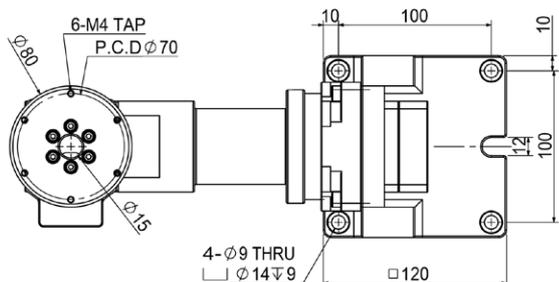
■ GMR60-190-S-S



■ GMR60-190-S-SV1



■ GMR60-190-SV1-SV1



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GMC60



Series	Size	Plate Length	A Axis Motor Flange	B Axis Motor Flange	Accessories
GMC	60	150	S	SV1	
	60 85	150 200	S: Dedicated Open Loop Stepper Motor	SV1: Servo Ø8 PCD45,M3 SV2: Servo Ø8 PCD46,M4 Suit for 100W AC Servo Motor ST1: Stepper Ø5 PCD43.8,M3 ST2: Stepper Ø6 PCD43.8,M3 Suit for 42 Stepper Motor S: Dedicated Stepper Motor	A: Pneumatic Connector None: Standard

Technical Parameters

Parameters		GMC60-150	GMC60-200
Allowable Torque	N.m	5.3	
Allowable Load	kg	5	
Rotation Angle	A Axis	360°	
	B Axis	±95°	
Rotation Accuracy	A Axis	≤ 30"	
	B Axis	≤ 30"	
Repeatability	A Axis	≤ 10"	
	B Axis	≤ 10"	
Max Rotation Radius	mm	150	200
2D Concentricity	mm	±0.02	
2D Flatness	mm	±0.02	
Rotation Amplitude of Table Surface	mm	±0.005	
Gear Ratio	i	A(1:5) B(1:20)	
Allowable Rotation Speed	° /sec	720	
Ingress Protection		IP60	
Motor	A Axis	42 Stepper Motor	
	B Axis	42 Stepper Motor	

GMC85

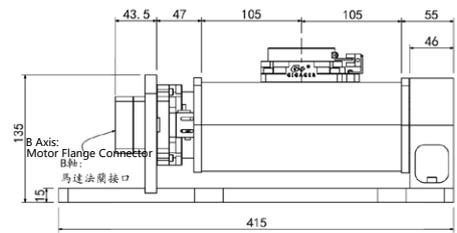
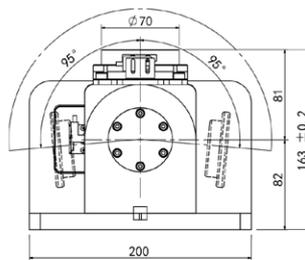
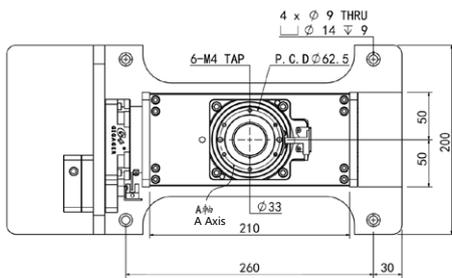


Series	Size	Plate Length	A Axis Motor Flange	B Axis Motor Flange	Accessories
GMC	85	210	S	SV1	
	60	210	S: Standard Open Loop Stepper Motor	SV1: Servo Ø14 PCD70,M4 SV2: Servo Ø14 PCD70,M5 SV3: Servo Ø11 PCD70,M4 Suit For 200~400W AC Servo Motor	A: Pneumatic Connector None: Standard
	85	310			
				ST1: Stepper Ø6.35 PCD66.67,M4 ST2: Stepper Ø6.35 PCD70.7,M4 ST3: Stepper Ø8 PCD70.7,M4 ST4: Stepper Ø8 PCD66.67,M4 Suit for 57/60 Stepper Motor	
				S: Dedicated Stepper Motor	

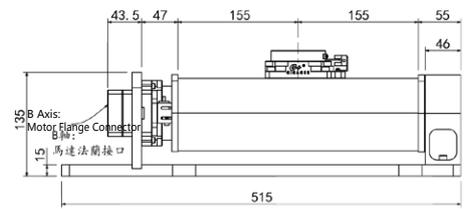
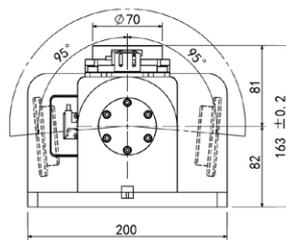
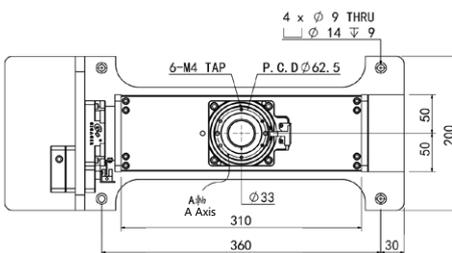
Technical Parameters

Parameters		GMC85-210	GMC85-310
Allowable Torque	N.m	16	
Allowable Load	kg	20	
Rotation Angle	A Axis	360°	
	B Axis	±95°	
Rotation Accuracy	A Axis	≤ 30"	
	B Axis	≤ 30"	
Repeatability	A Axis	≤ 10"	
	B Axis	≤ 10"	
Max Rotation Radius	mm	210	310
2D Concentricity	mm	±0.02	
2D Flatness	mm	±0.02	
Rotation Amplitude of Table Surface		±0.005	
Gear Ratio	i	A (1:18) B (1:10)	
Allowable Rotation Speed	° /sec	540	
Ingress Protection		IP60	
Motor	A Axis	57/60 Stepper Motor/200W Servo Motor	
	B Axis	57/60 Stepper Motor/200W Servo Motor	

■ GMC85-210-S-SV1



■ GMC85-310-S-SV1



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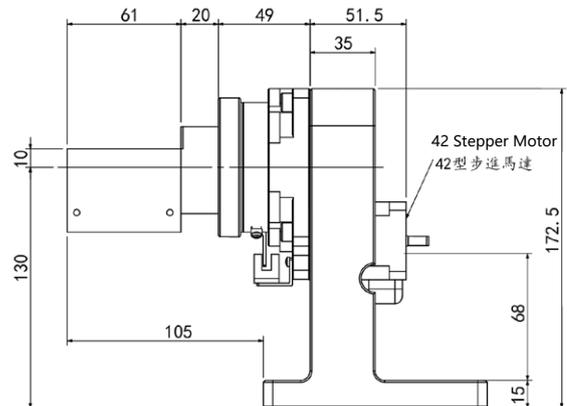
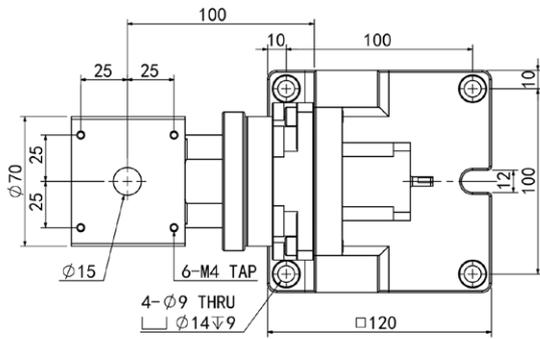


Series	Size	Rotary Radius	Motor Flange	Accessories
GMA	85	100	SV1	
		100 140 190	SV1: Servo Ø14 PCD70,M4 SV2: Servo Ø14 PCD70,M5 SV3: Servo Ø11 PCD70,M4 Suit for 200~400 AC Servo Motor	L: Lengthen Metal Sheet None: Standard
			ST1: Stepper Ø6.35 PCD66.67,M4 ST2: Stepper Ø6.35 PCD70.7,M4 ST3: Stepper Ø8 PCD70.7,M4 ST4: Stepper Ø8 PCD66.67,M4 Suit for 57/60 Stepper Motor	
			S: Dedicated Stepper Motor	

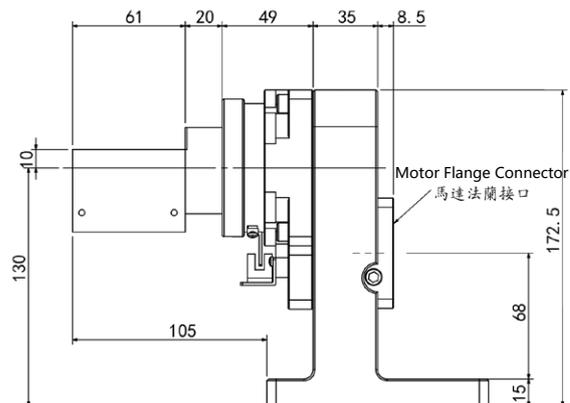
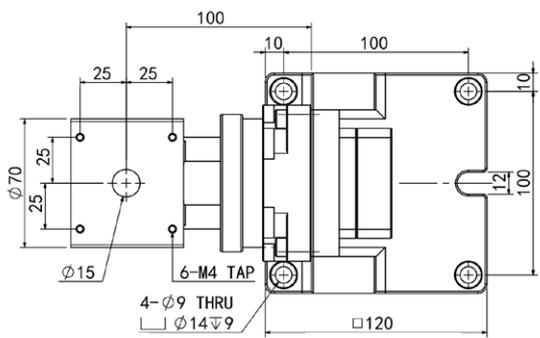
Technical Parameters

Model / Spec		GMA85-100	GMA85-140	GMA85-190
Allowable Torque	N.m	16		
Allowable Load	kg	10	8	6
Rotation Angle	°	±180		
Rotation Accuracy		≤ 30"		
Repeatability		≤ 10"		
Max Rotation Radius	mm	90	130	180
Rotary Concentricity	mm	±0.01		
Flatness	mm	±0.01		
Gear Ratio	i	10		
Allowable Rotation Speed	° /sec	1080		
Ingress Protection		IP60		
Motor		57/60 Stepper Motor/200W~400W Servo Motor		

■ GMA85-100-S

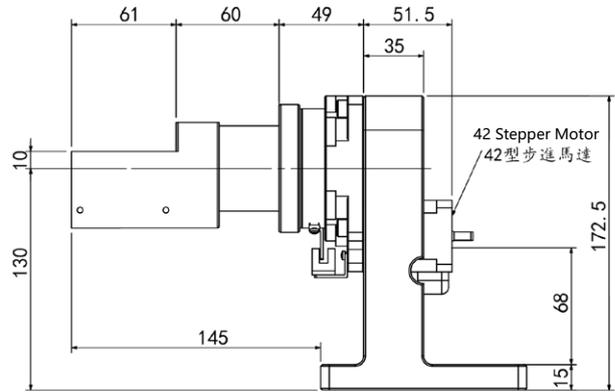
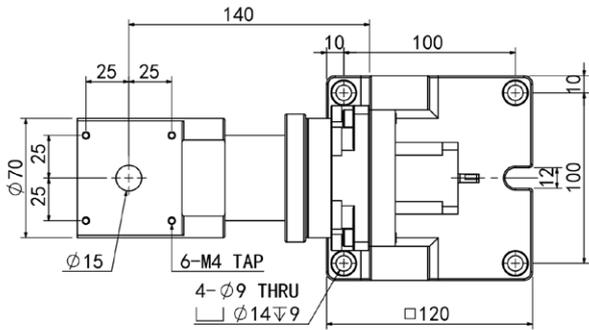


■ GMA85-100-SV1

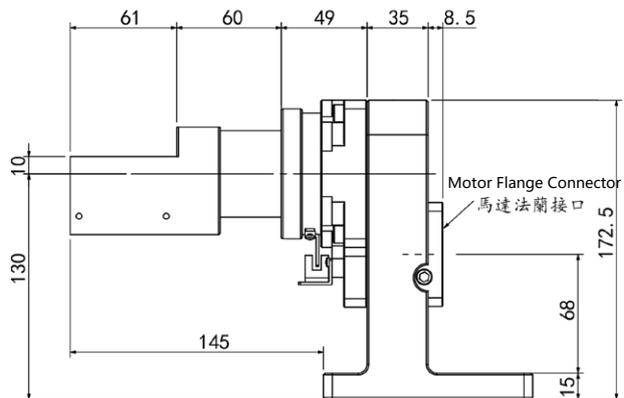
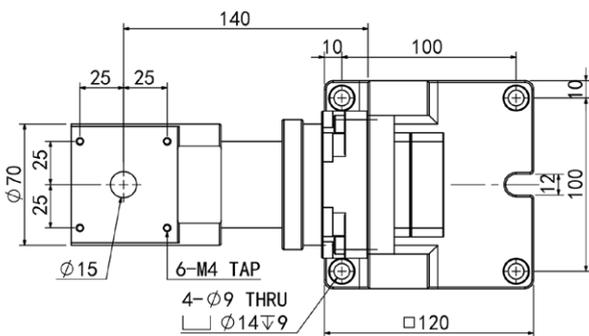


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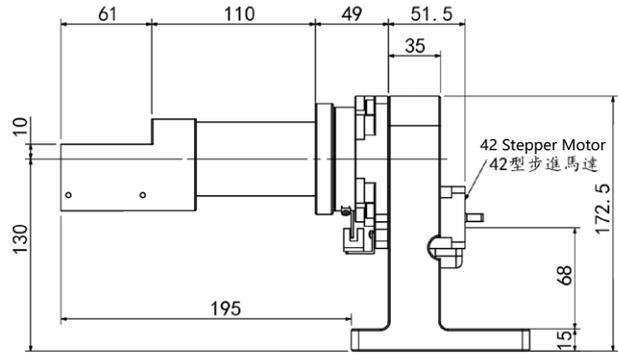
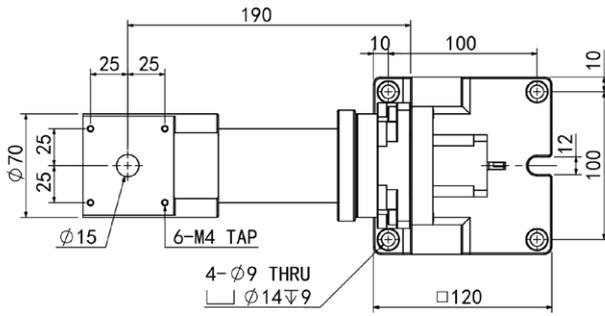
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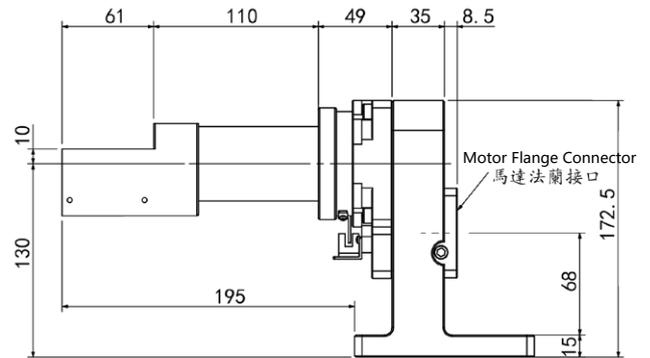
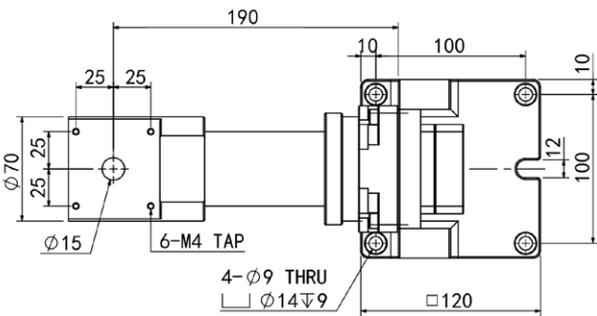
■ GMA85-140-SV1



■ GMA85-190-S



■ GMA85-190-SV1



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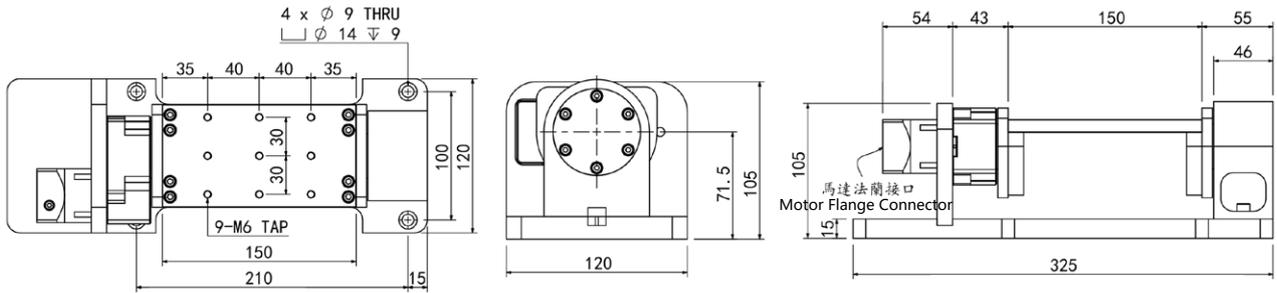


Series	Size	Plate Length	Motor Flange	Accessories
GML	60	150	SV1	
	60 85	150 200	SV1: Servo Ø8 PCD45,M3 SV2: Servo Ø8 PCD46,M4 Suit for 100W AC Servo Motor	A: Pneumatic Connector None: Standard
			ST1: Stepper Ø5 PCD43.8,M3 ST2: Stepper Ø6 PCD43.8,M3 Suit for 42 Stepper Motor	
			S: Dedicated Stepper Motor	

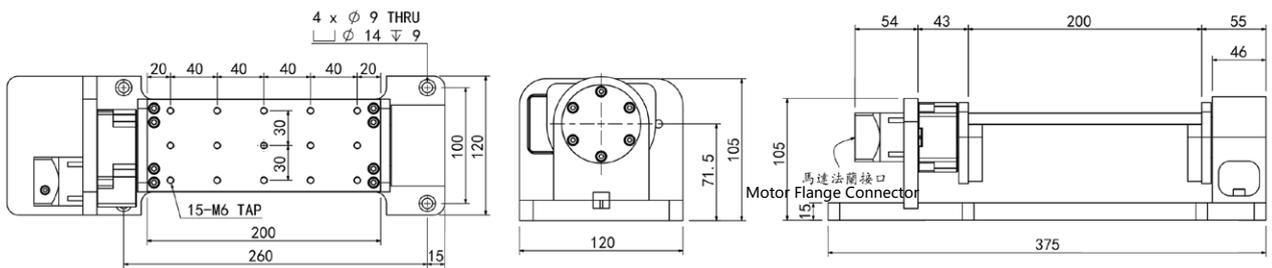
Technical Parameters

Model/Spec		GML60-150	GML60-200
Allowable Torque	N.m	5.3	
Allowable Load	kg	5	
Rotation Angle	°	±95	
Rotation Accuracy		≤ 30"	
Repeatability		≤ 10"	
Max Rotary Radius	mm	150	200
Rotated Concentricity	mm	±0.01	
Flatness	mm	±0.01	
Gear Ratio	i	20	
Allowable Rotation Speed	°/sec	720	
Ingress Protection		IP60	
Motor		42 Stepper Motor/50W~100W Servo Motor	

■ GML60-150-SV1



■ GML60-200-SV1



XXY

GXYR

GX

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Parameter

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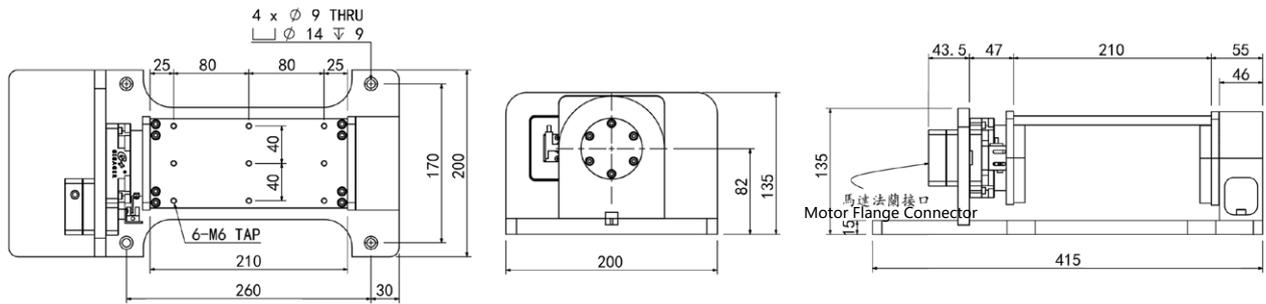


Series	Size	Plate Length	A Axis Motor Flange	Accessories
GML	85	150	SV1	
	60	210	SV1: Servo Ø14 PCD70,M4 SV2: Servo Ø14 PCD70,M5 SV3: Servo Ø11 PCD70,M4 Suit for 200~400 AC Servo Motor	A: Pneumatic Connector None: Standard
	85	310	ST1: Stepper Ø6.35 PCD66.67,M4 ST2: Stepper Ø6.35 PCD70.7,M4 ST3: Stepper Ø8 PCD70.7,M4 ST4: Stepper Ø8 PCD66.67,M4 Suit for 57/60 Stepper Motor	
			S: Dedicated Stepper Motor	

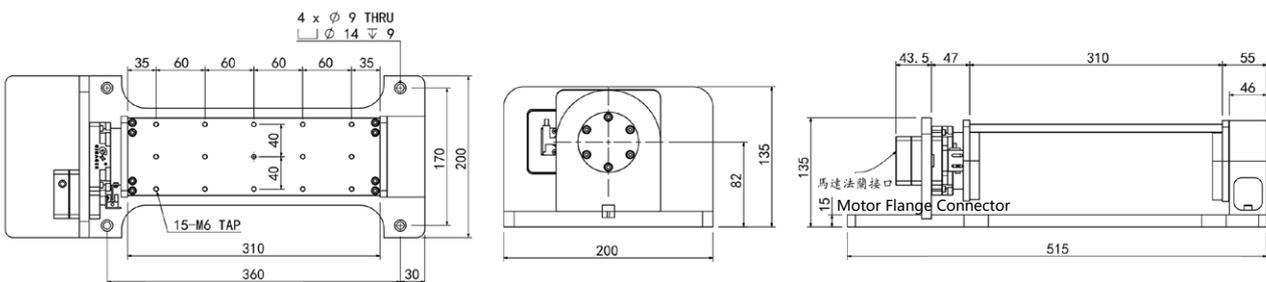
Technical Parameters

Model / Spec	GML85-210	GML85-310
Allowable Torque	N.m	16
Allowable Load	kg	20
Rotation Angle	°	±95
Rotation Accuracy		≤ 30"
Repeatability		≤ 10"
Max Rotary Radius	mm	210 / 310
Rotary Concentricity	mm	±0.01
Flatness	mm	±0.01
Gear Ratio	i	10
Allowable Rotation Speed	°/sec	540
Ingress Protection		IP60
Motor	57~60 Stepper Motor/200W~400W Servo Motor	

■ GML85-210-SV1



■ GML85-310-SV1



XXY

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Parameter

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