



Hollow Rotary Tables/GSB Series

Internal Tapered Roller Bearings
Suit for Horizontal Installation



Standard

Hollow Structure

Easy to wiring and piping

Direct Connection

Rotary table can be directly installed with working table and robot arms

Multiple Options for Motor

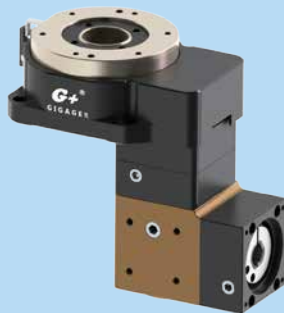
Stepper and servo motor could be equipped

Long Life-span

The precision life can be reach 2000hrs



Dedicated Open Loop Stepper Motor



Right Angle Type



Planetary Type

Series	Size	Type	Ratio	Motor
GSB	60		05K	SV1
	60 100 130 200	Z: Right Angle M: Planetary None: Standard		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
				OS: Dedicated Stepper Motor

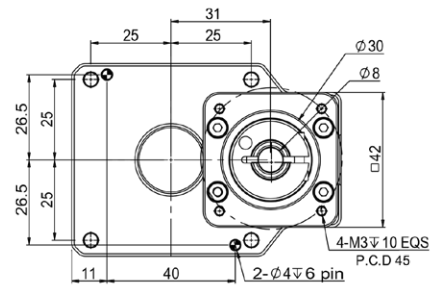
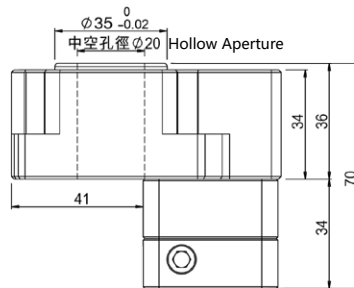
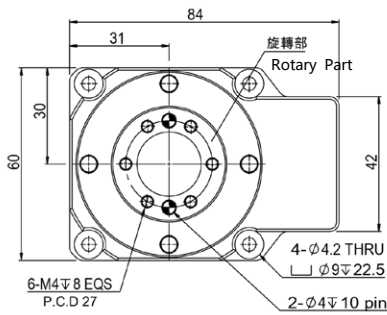
Technical Parameters

Parameters		Model		
		GSB60	GSB60Z	GSB60M
Bearing of Rotary Table		Tapered Roller Bearing		
Gear Ratio	i	5	15	20
Allowable Torque	N.m	5.3	5.3	
Allowable Table Speed	rpm	200		
Repeatability	arc-sec	≤ 10		≤ 15
Allowable Moment of Inertia	N.m	5		
Positioning Accuracy	arc-min	≤ 1		
Allowable Axial Load	N	100		
Table Flatness	mm	≤ 0.01		
Table Concentricity	mm	≤ 0.01		
Ingress Protection	IP	40		
Weight	kg	0.7(OS: 1)	1	

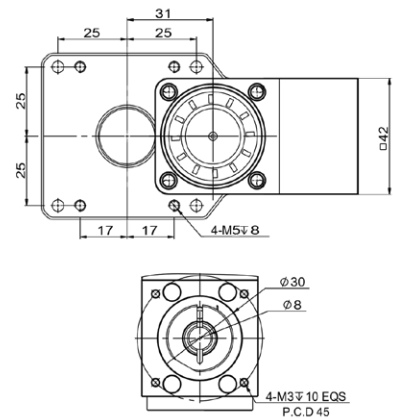
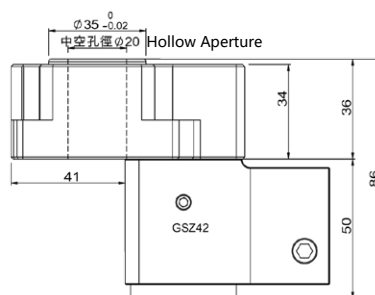
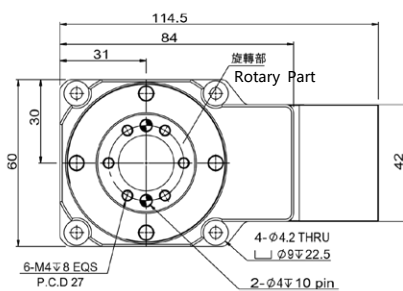
Motor

Model	Frame Size	Rated Current	Coil Impedance	Coil Inductive	Holding Torque	Moment of Inertia	Ingress Protection	Step Angle
	mm	A/phase	Ω/phase	mh	N.m	g.cm ²	IP	
GSB60-05K-OS	42	1.3	2.5	6.0	0.6	82	20	1.8°

■ GSB60-05K

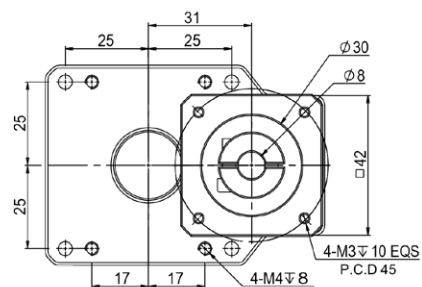
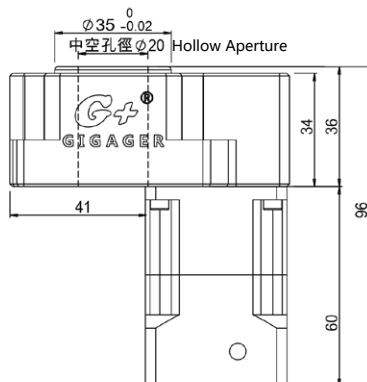
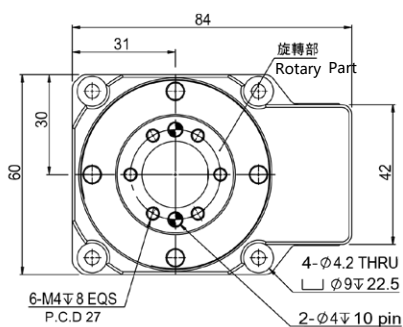


■ GSB60Z-15K

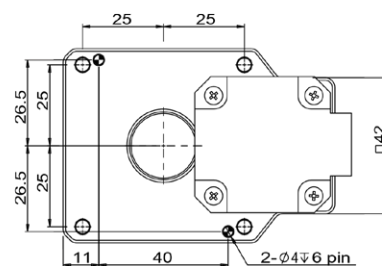
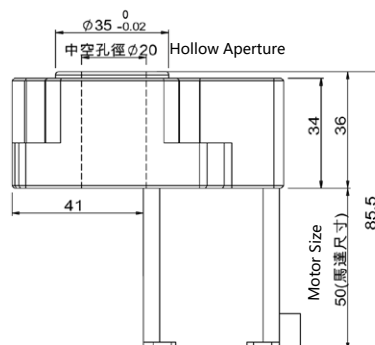
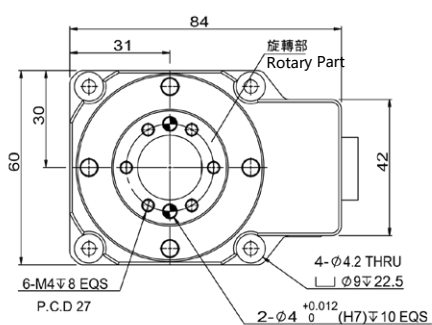


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Parameter
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■ GSB60M-20K



■ GSB60-05K-OS



GSB100

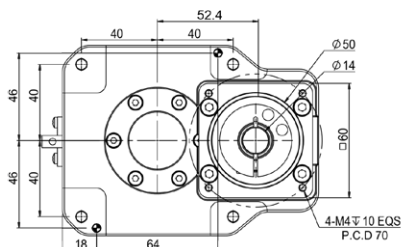
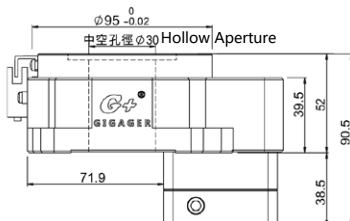
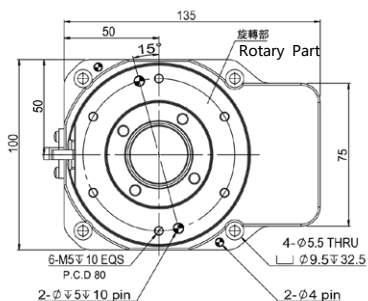
Series	Size	Type	Ratio	Motor
GSB	100		08K	SV1
	60 100 130 200	Z: Right Angle M: Planetary None: Standard		SV1: Servo Ø14 PCD70,M4 SV2: Servo Ø14 PCD70,M5 SV3: Servo Ø11 PCD70,M4 Suit for 200~400W AC Servo Motor ST1: Stepper Ø6.35 PCD66.67,M4 ST2: Stepper Ø6.35 PCD70.7,M4 ST3: Stepper Ø8 PCD70.7,M4 ST4: Stepper Ø8 PCD66.67,M4 Suit for 57/60 Stepper Motor

■ Technical Parameters

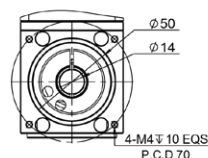
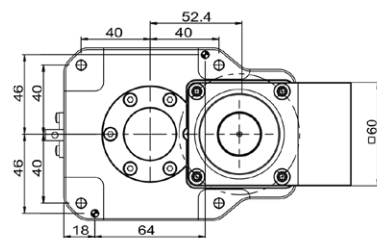
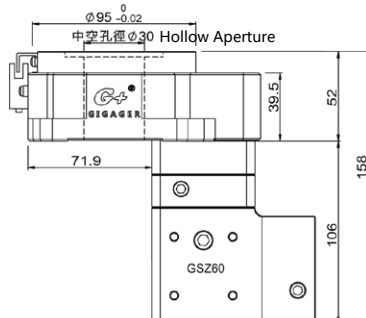
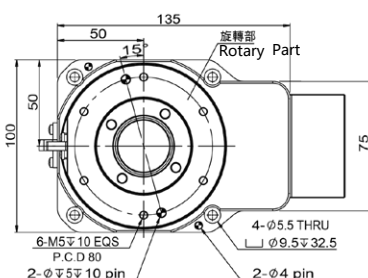
Parameters	Model						
	GSB100	GSB100Z		GSB100M			
Bearing of Rotary Table	Tapered Roller Bearing						
Gear Ratio	i	8	16	24	24	32	40
Allowable Torque	N.m	26					
Allowable Table Speed	rpm	200					
Repeatability	arc-sec	≤ 10			≤ 15		
Allowable Moment of Inertia	N.m	50					
Positioning Accuracy	arc-min	≤ 1					
Allowable Axial Load	N	700					
Table Flatness	mm	≤ 0.01					
Table Concentricity	mm	≤ 0.01					
Ingress Protection	IP	40					
Weight	kg	2.7	4				

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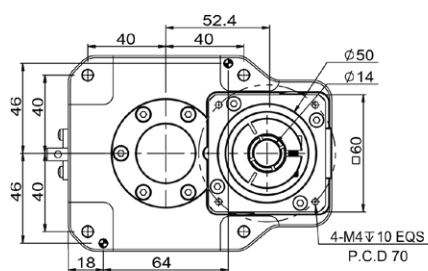
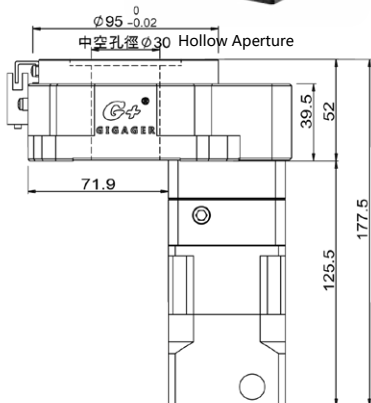
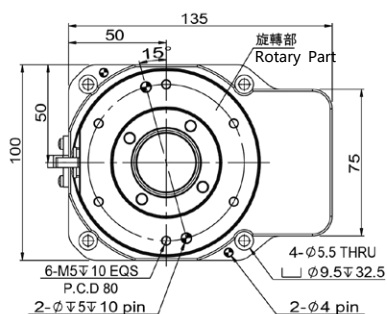
■ GSB100-08K



■ GSB100Z-16K/24K



■ GSB100M-24K/32K/40K



GSB130

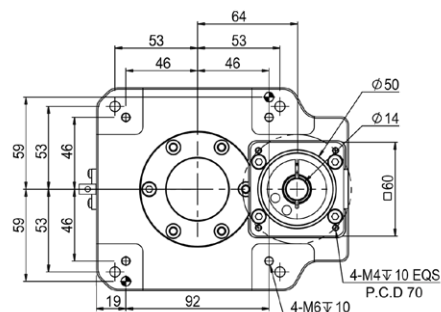
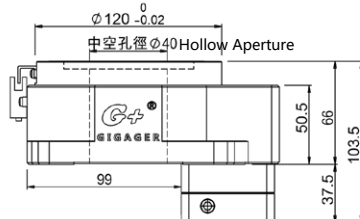
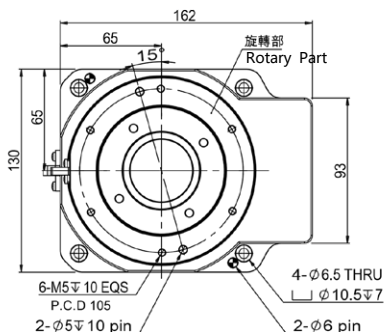
Series	Size	Type	Ratio	Motor
GSB	130		10K	SV1
	60 100 130 200	Z: Right Angle M: Planetary None: Standard		SV1: Servo Ø14 PCD70,M4 SV2: Servo Ø14 PCD70,M5 SV3: Servo Ø11 PCD70,M4 Suit for 200~400W AC Servo Motor ST1: Stepper Ø6.35 PCD66.67,M4 ST2: Stepper Ø6.35 PCD70.7,M4 ST3: Stepper Ø8 PCD70.7,M4 ST4: Stepper Ø8 PCD66.67,M4 Suit for 57/60 Stepper Motor

■ Technical Parameters

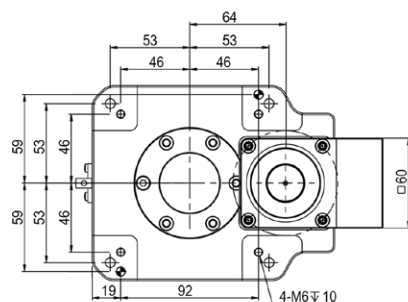
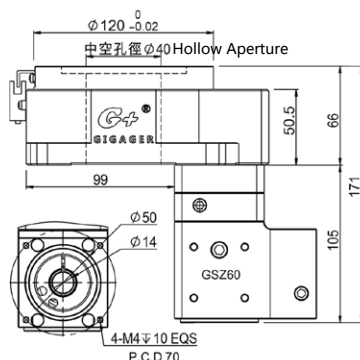
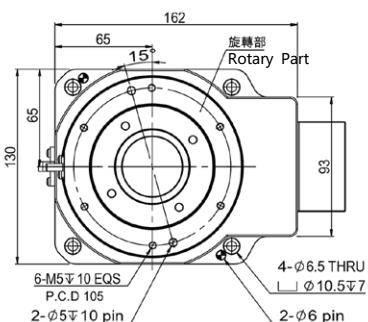
Parameters	Model						
	GSB130	GSB130Z		GSB130M			
Bearing of Rotary Table	Tapered Roller Bearing						
Gear Ratio	i	10	20	30	30	40	50
Allowable Torque	N.m	48					
Allowable Table Speed	rpm	200					
Repeatability	arc-sec	≤ 10			≤ 15		
Allowable Moment of Inertia	N.m	60					
Positioning Accuracy	arc-min	≤ 1					
Allowable Axial Load	N	1000					
Table Flatness	mm	≤ 0.01					
Table Concentricity	mm	≤ 0.01					
Ingress Protection	IP	40					
Weight	kg	5	6.3				

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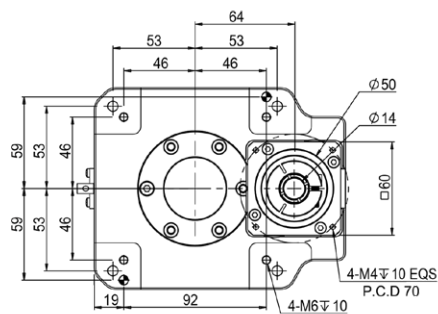
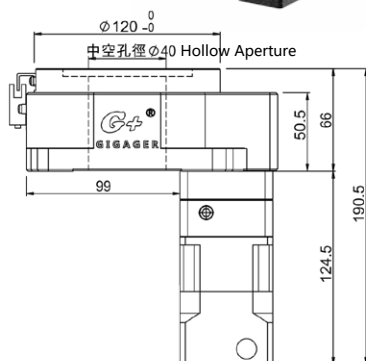
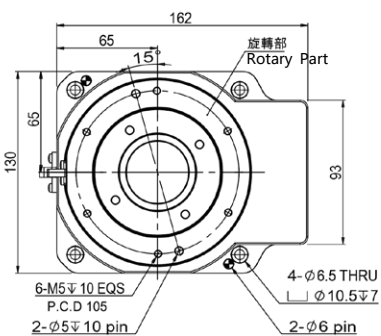
■ GSB130-10K



■ GSB130Z-20K/30K



■ GSB130M-30K/40K/50K



GSB200

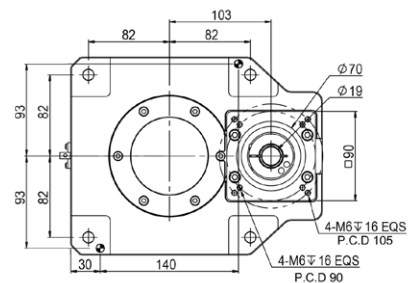
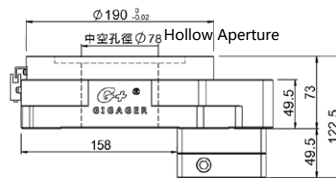
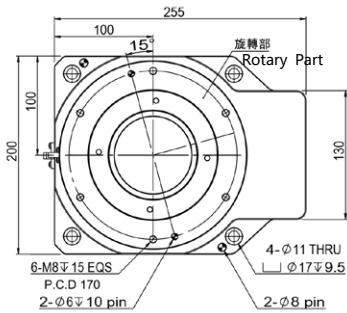
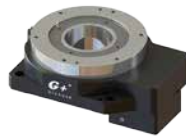
Series	Size	Type	Ratio	Motor
GSB	200		10K	SV1
	60 100 130 200	Z: Right Angle M: Planetary None: Standard		SV1: Servo Ø19 PCD90,M5 SV2: Servo Ø19 PCD90,M6 Suit for 750W AC Servo Motor ST1: Stepper Ø14 PCD98.4,M5 ST2: Stepper Ø14 PCD98.4,M6 Suit for 86 Stepper Motor

■ Technical Parameters

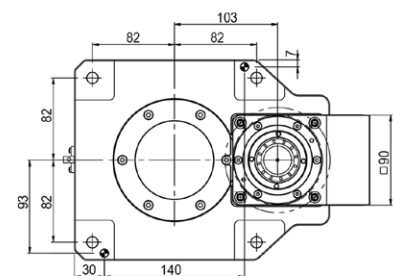
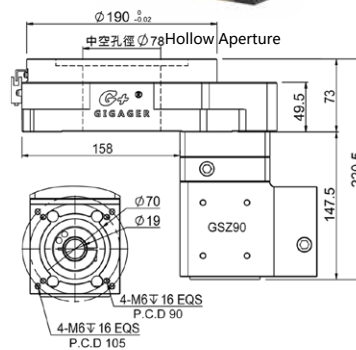
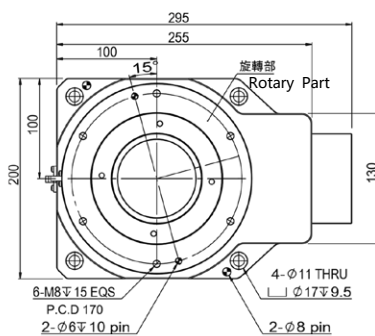
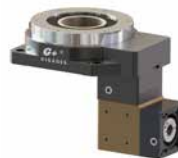
Parameters	Model						
	GSB200	GSB200Z			GSB200M		
Bearing of Rotary Table		Tapered Roller Bearing					
Gear Ratio	i	10	20	30	30	40	50
Allowable Torque	N.m	80					
Allowable Table Speed	rpm	200					
Repeatability	arc-sec	≤ 10			≤ 15		
Allowable Moment of Inertia	N.m	150					
Positioning Accuracy	arc-min	≤ 1					
Allowable Axial Load	N	1300					
Table Flatness	mm	≤ 0.01					
Table Concentricity	mm	≤ 0.01					
Ingress Protection	IP	40					
Weight	kg	13	17				

XXY
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GSG
Parameter
GSZ
GMR
GMC
GMA
GML

■ GSB200-10K



■ GSB200Z-20K/30K



■ GSB200M-30K/40K/50K

