



®

Hollow Rotary Tables/GSG Series

High Gear Ratio & High Torque
Two-stage Reduction with Integrated Design



GSG Planetary Model

Large Aperture Structure

Easier wiring and piping , especially in complicated wiring and piping condition

Two-stage Reduction with Integrated Design

Pinion bearing and the second stage coaxial integration assembly, greatly improved the concentricity and gear torque, meanwhile save space and lower cost

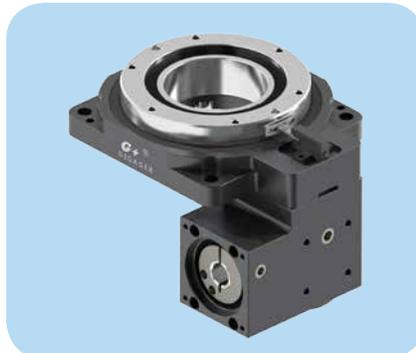
High Torque Gear

Gear coefficient improved, more loading

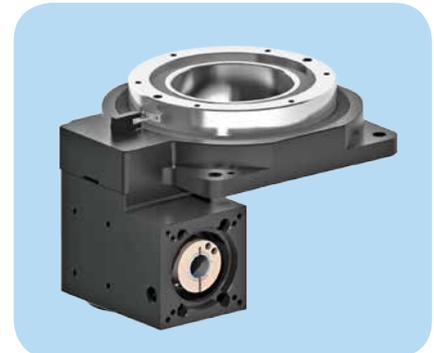
Long life-span: The precision life can reach 30000hrs



Right Angle Standard Type



Right Angle-Left Direction



Right Angle-Right Direction

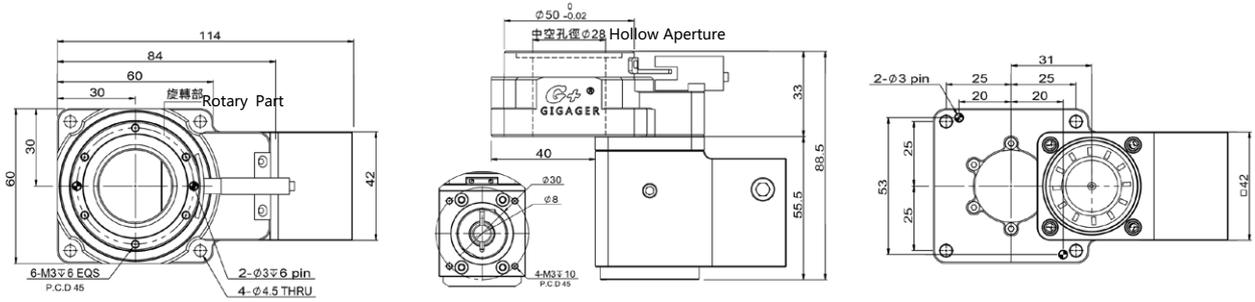
GSG60

Series	Size	Type	Ratio	Motor	Output Direction
GSG	60	Z	15K	SV1	
	60 85 130 200	Z: Right Angle M: Planetary		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	R: Right L: Left None: Standard

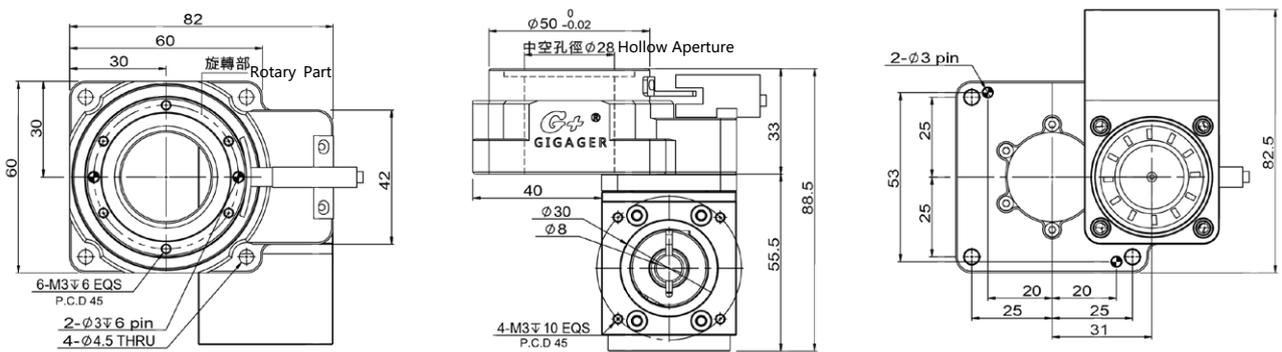
Technical Parameters

Parameters		Model	
		GSG60Z	GSG60M
Bearing of Rotary Table		Cross Roller Bearing	
Allowable Torque	N.m	8	
Allowable Table Speed	rpm	200	
Gear Ratio	i	15	20
Repeatability	arc-sec	≤ 10	≤ 15
Positioning Accuracy	arc-min	≤ 1	
Allowable Axial Load	N	250	
Allowable Moment of Inertia	N.m	5	
Table Flatness	mm	≤ 0.01	
Table Concentricity	mm	≤ 0.01	
Ingress Protection	IP	40	
Weight	kg	1	1

■ GSG60Z-15K

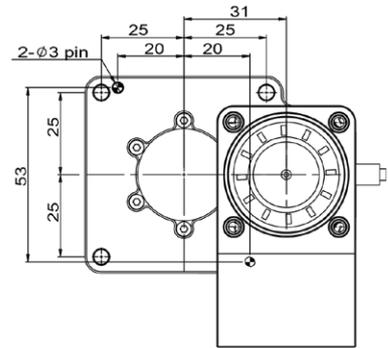
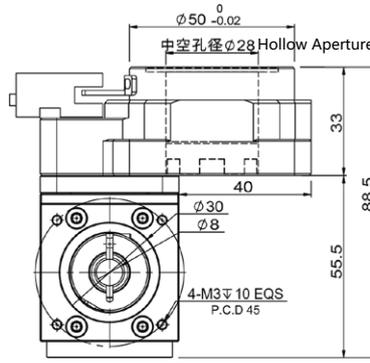
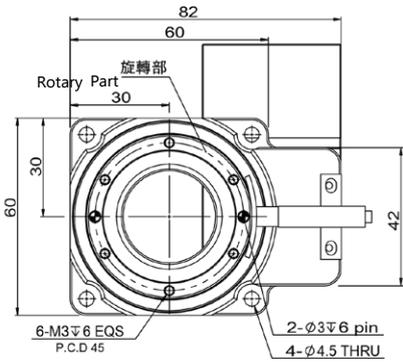


■ GSG60Z-15K-L

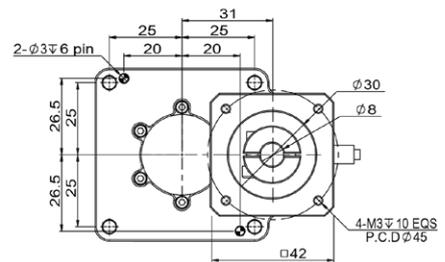
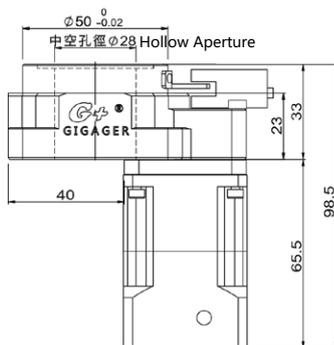
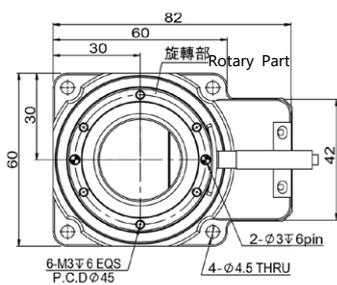


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Parameter
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■ GSG60Z-15K-R



■ GSG60M-20K



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GSG85

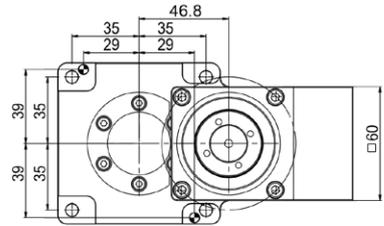
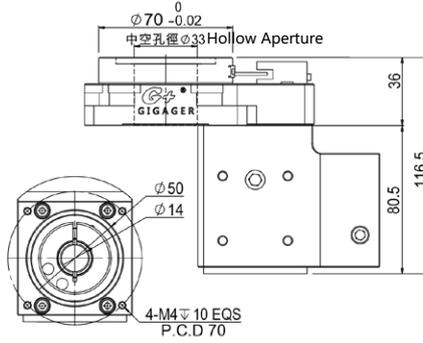
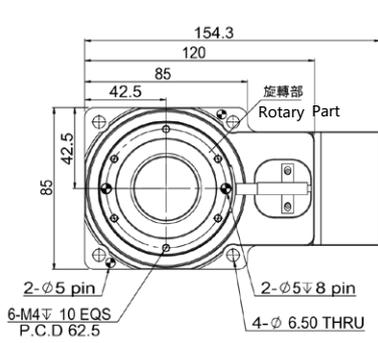
Series	Size	Type	Ratio	Motor	Output Direction
GSG	85	Z	18K	SV1	
	60 85 130 200	Z: Right Angle M: Planetary		SV1: Servo Ø14 PCD70,M4 SV2: Servo Ø14 PCD70,M5 SV3: Servo Ø11 PCD70,M4 Suit for 200~400W AC Servo Motor ST1: Stepper Ø6.35 PCD66.67,M4 ST2: Stepper Ø6.35 PCD70.7,M4 ST3: Stepper Ø8 PCD70.7,M4 ST4: Stepper Ø8 PCD66.67,M4 Suit for 57/60 Stepper Motor	R: Right L: Left None: Standard

Technical Parameters

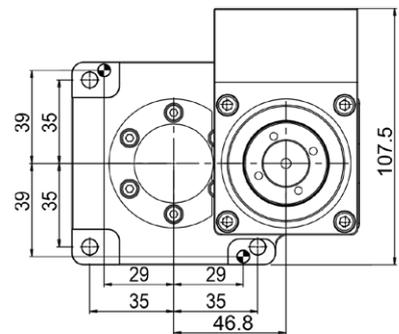
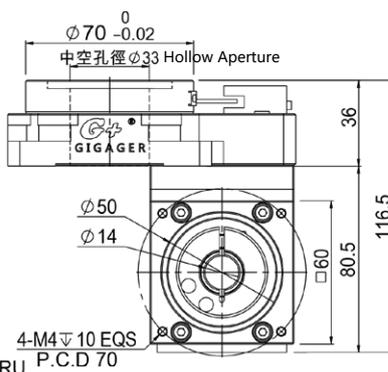
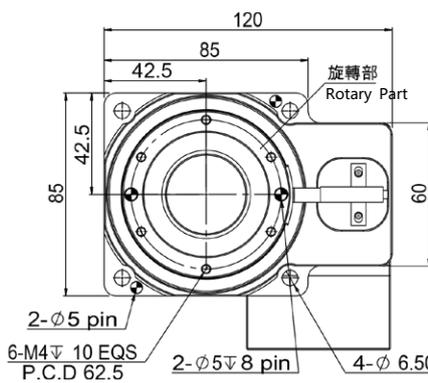
Parameters		Model		
		GSG85Z	GSG85M	
Bearing of Rotary Table		Cross Roller Bearing		
Gear Ratio	i	18	18	30
Allowable Torque	N.m	115		
Allowable Table Speed	rpm	200		
Repeatability	arc-sec	≤ 10	≤ 15	
Allowable Moment of Inertia	N.m	10		
Positioning Accuracy	arc-min	≤ 1		
Allowable Axial Load	N	500		
Table Flatness	mm	≤ 0.01		
Table Concentricity	mm	≤ 0.01		
Ingress Protection	IP	40		
Weight	kg	2.2		

- XXY
- GXYR
- GX
- GZ
- GTZ
- GXY
- GR
- GYH
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- GSR
- GSHR
- GSA
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- GSB
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- Parameter
- GSZ
- GMR
- GMC
- GMA
- GML

■ GSG85Z-18K

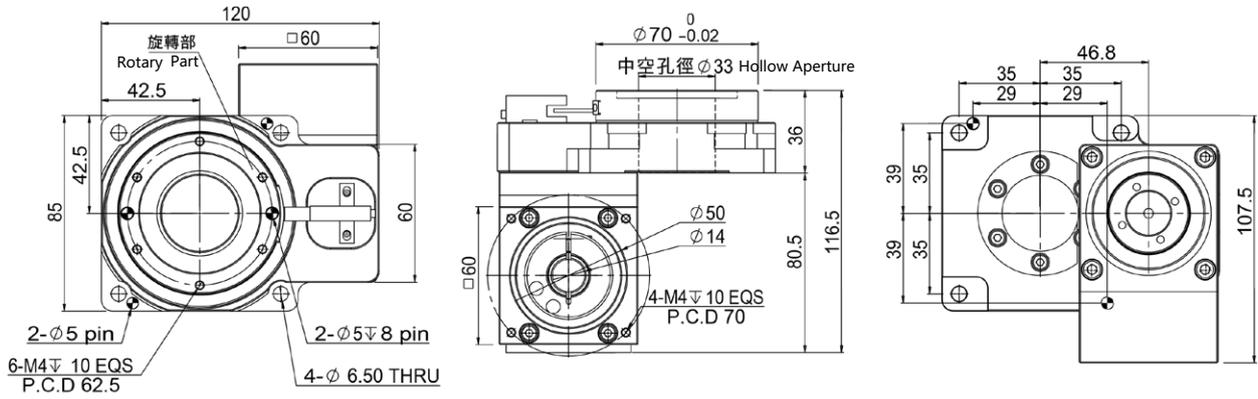


■ GSG85Z-18K-L

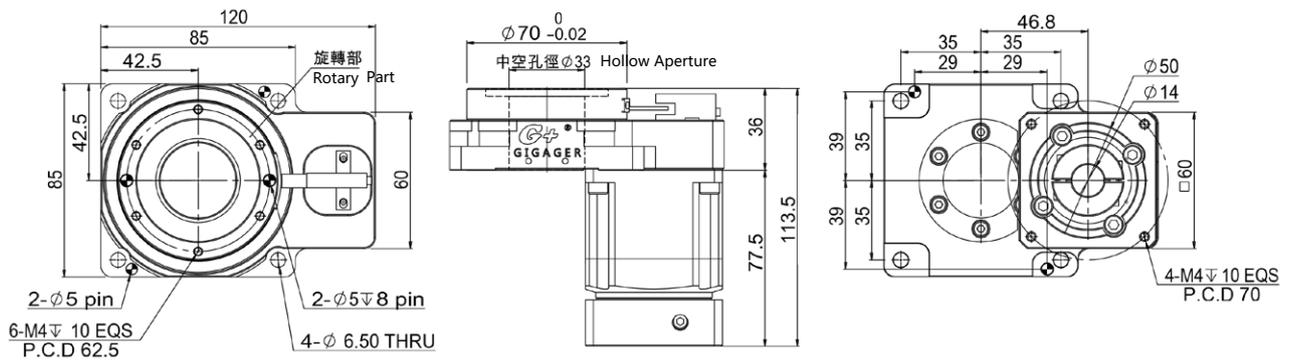


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■ GSG85Z-18K-R



■ GSG85M-18K/30K



XXY
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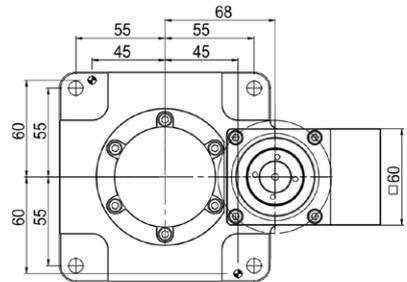
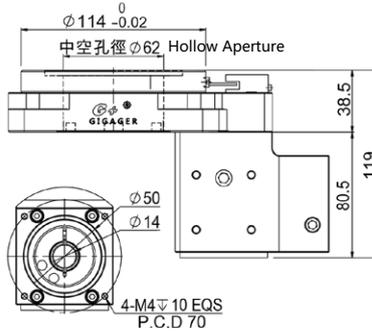
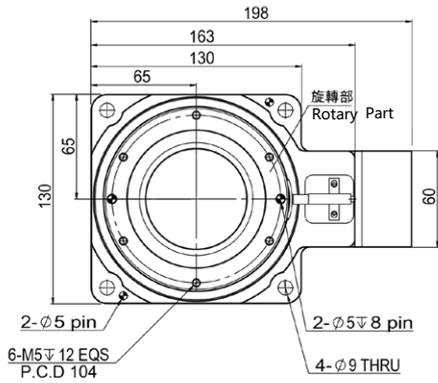
GSG130

Series	Size	Type	Ratio	Motor	Output Direction
GSG	130	Z	18K	SV1	
	60 85 130 200	Z: Right Angle M: Planetary		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	R: Right L: Left None: Standard

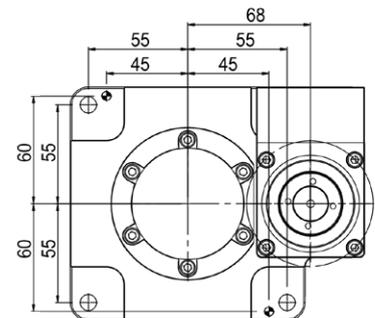
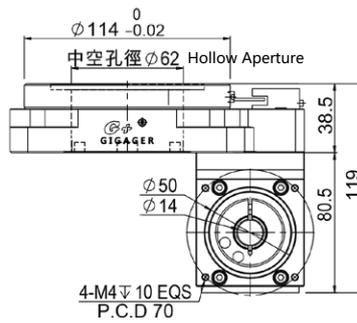
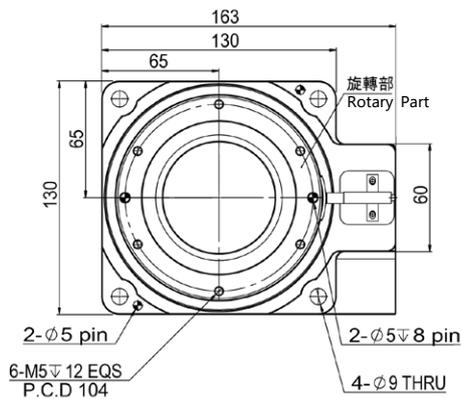
Technical Parameters

Parameters		Model	
		GSG130Z	GSG130M
Bearing of Rotary Table		Cross Roller Bearing	
Gear Ratio	i	18	18 30
Allowable Torque	N.m	140	
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	2000	
Table Flatness	mm	≤ 0.01	
Table Concentricity	mm	≤ 0.01	
Ingress Protection	IP	40	
Weight	kg	3.5	

■ GSG130Z-18K

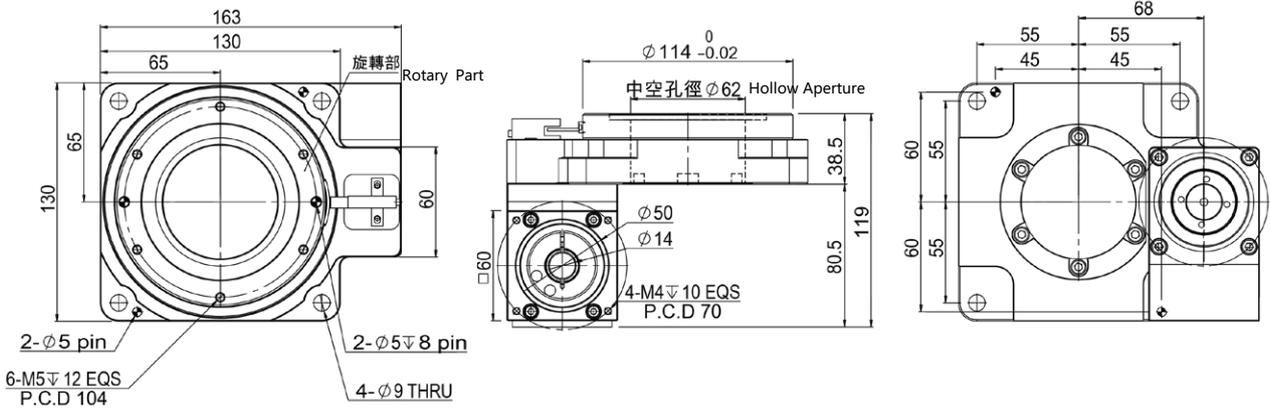


■ GSG130Z-18K-L

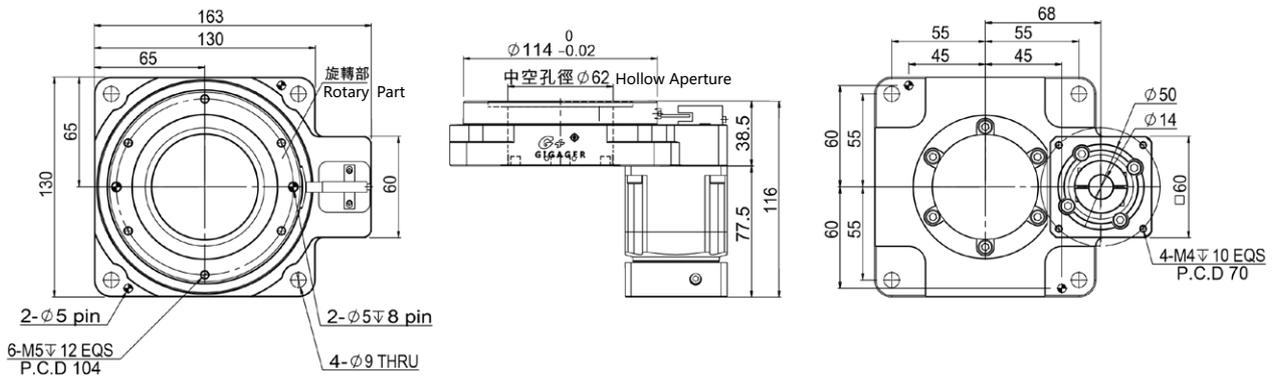


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■ GSG130Z-18K-R



■ GSG130M-18K/30K



GSG200

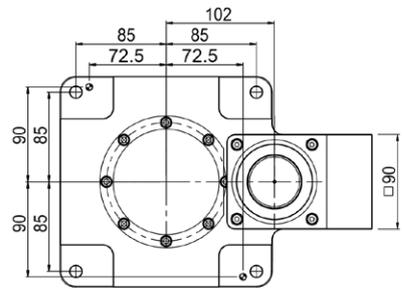
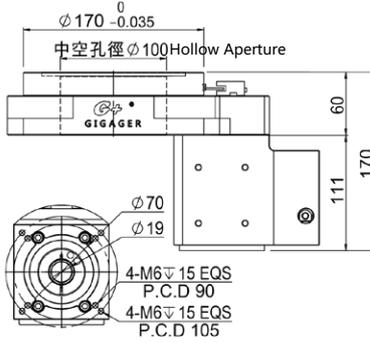
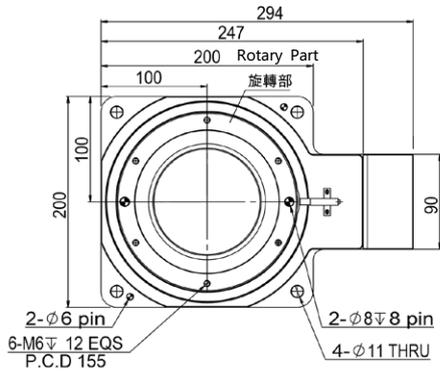
Series	Size	Type	Ratio	Motor	Output Direction
GSG	200	Z	20K	SV1	
	60 85 130 200	Z: Right Angle M: Planetary		SV1: Servo Ø19 PCD90,M5 SV2: Servo Ø19 PCD90,M6 Suit for 750W AC Servo Motor ST1: Stepper Ø14 PCD98.4,M5 ST2: Stepper Ø14 PCD98.4,M6 Suit for 86 Type Stepper Motor	R: Right L: Left None: Standard

Technical Parameters

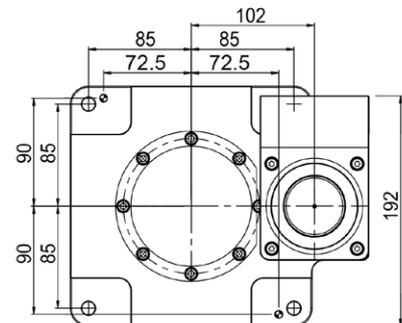
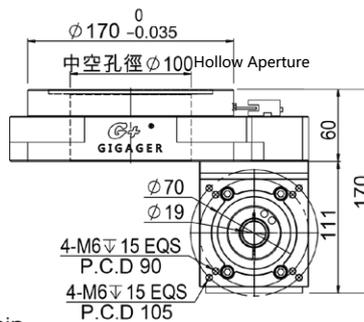
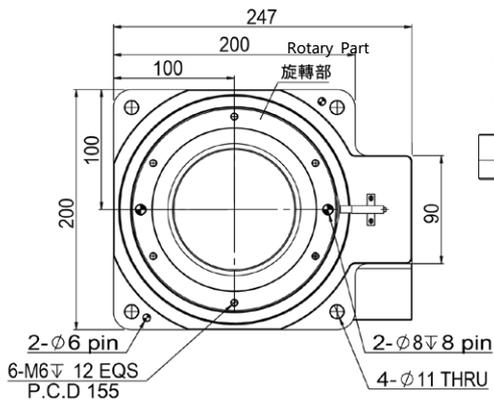
Parameters		Model	
		GSG200Z	GSG200M
Bearing of Rotary Table		Cross Roller Bearing	
Gear Ratio	i	20/30	30 50
Allowable Torque	N.m	250	
Allowable Table Speed	rpm	200	
Repeatability	arc-sec	≤ 10	≤ 15
Allowable Moment of Inertia	N.m	100	
Positioning Accuracy	arc-min	≤ 1	
Allowable Axial Load	N	4000	
Table Flatness	mm	≤ 0.01	
Table Concentricity	mm	≤ 0.01	
Ingress Protection	IP	40	
Weight	kg	11	

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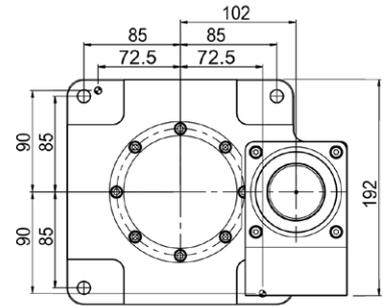
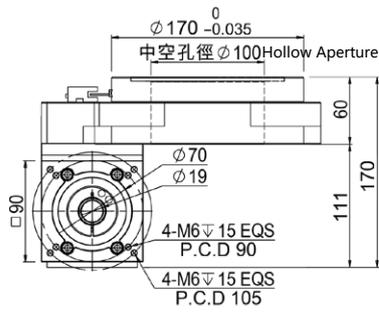
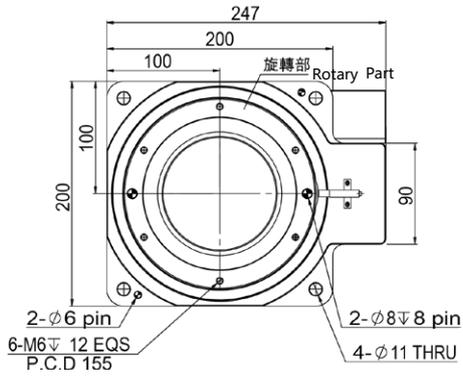
■ GSG200Z-20K/30K



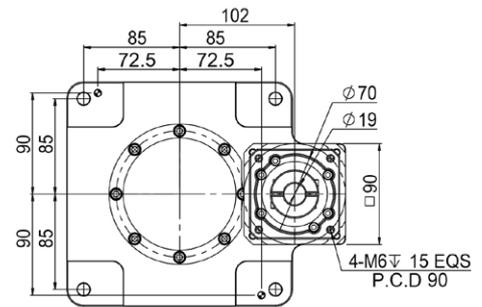
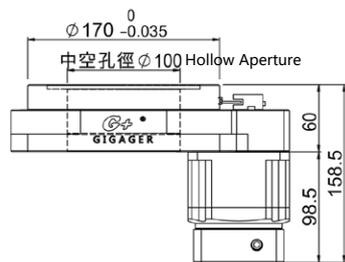
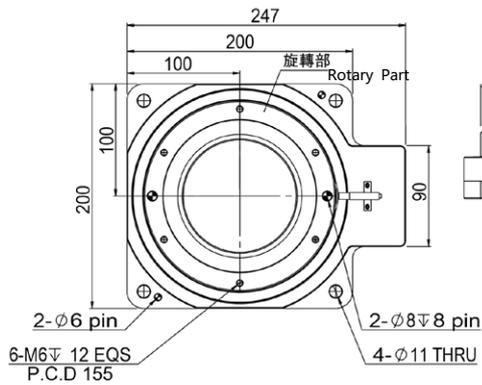
■ GSG200Z-20K/30K-L



■ GSG200Z-20K/30K-R



■ GSG200M-30K/50K



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Parameter
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GMA
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