

Hollow Rotary Table

Standard



Large Aperture Hollow Structure
Easy to Wiring and Piping.

Direct Connection

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

Side and Suspension Installation Feasible
Adopting Cross Roller Bearing, it can be installed side and suspension.

Multiple Options for Motor Equip
Stepper and servo Motor could be equipped.



Equip Open Loop Stepper Motor



Equip Closed Loop Stepper Motor



Planetary Type



Right Angle Type

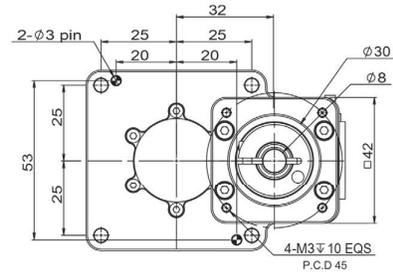
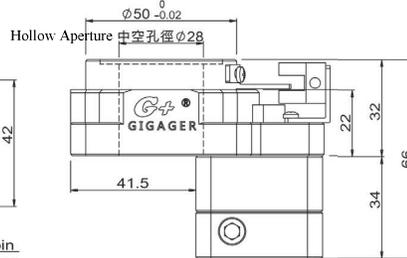
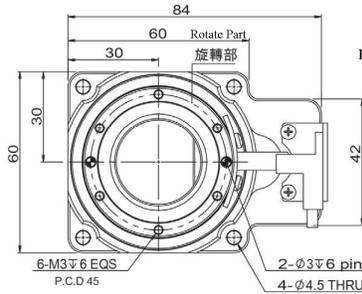
GSN60

Series	Size	Types	Gear Ratio	Motor Type
GSN	60		05K	SV1
	60 85 130 200 280	Blank : Standard 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 OS : With Dedicated Open Loop Stepper Motor CS : With Dedicated Closed Loop Stepper Motor

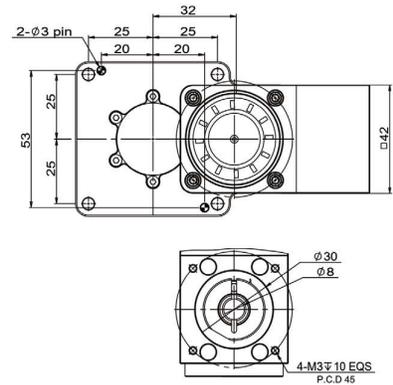
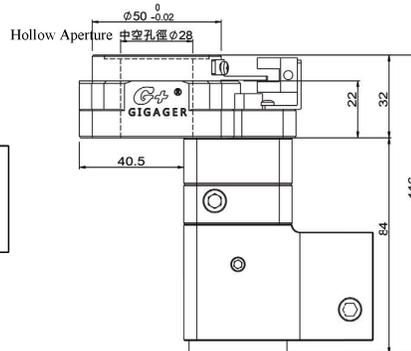
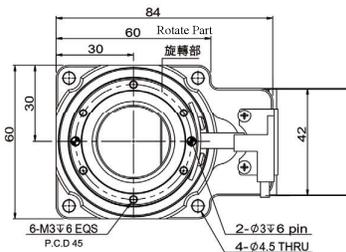
Technical Parameter

Parameter	Model	Model		
		GSN60	GSN60Z	GSN60M
Bearing of Rotary Table		Cross Roller Bearing		
Gear Ratio	i	5	18	15
Permissible Torque	N.m	5.2	1.2	5.2
Allowable Table Speed	rpm	200	40	200
Repeatability	arc-sec	≤ 10		≤ 15
Positioning Accuracy	arc-min	≤ 1		
Allowable Axial Load	N	250		
Table Flatness	mm	≤ 0.01		
Table Concentricity	mm	≤ 0.01		
Precision Lifespan	hr	20000 (Intermittent Operation)		
Ingress Protection	IP	40		
Weight	kg	0.6	1	1.1

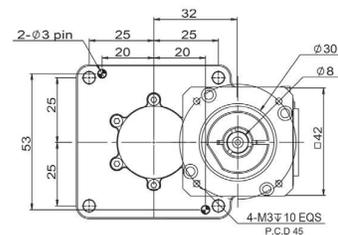
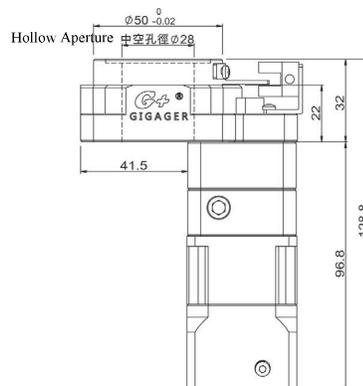
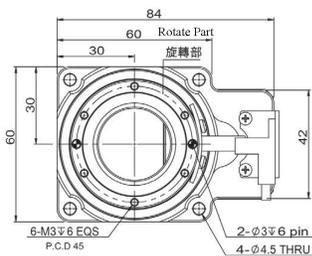
■ GSN60-05K



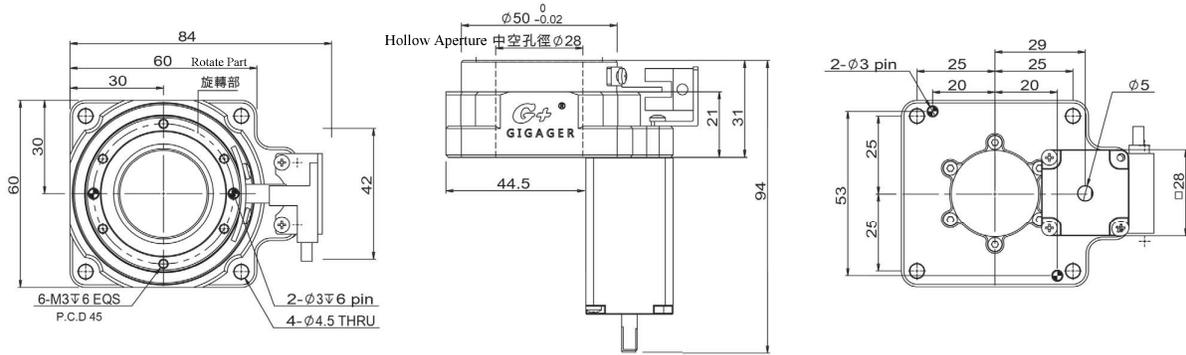
■ GSN60Z



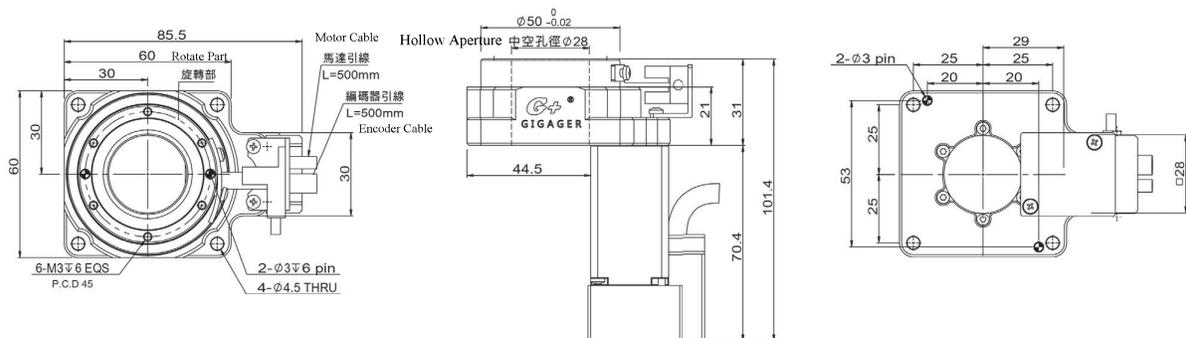
■ GSN60M



■ GSN60-18K-OS



■ GSN60-18K-CS



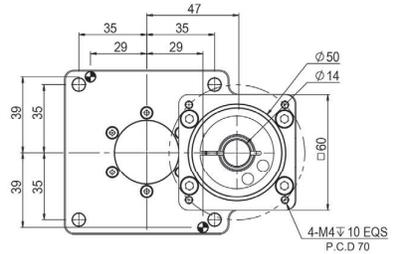
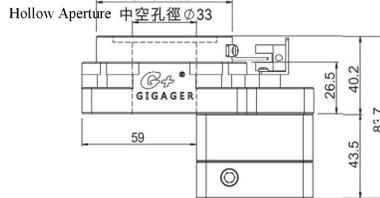
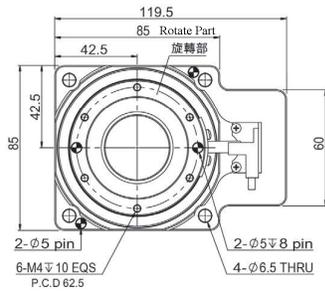
GSN85

Series	Size	Types	Gear Ratio	Motor Type
GSN	85		05K	SV1
	60	Blank : Standard Z : Right Angle M : Planetary		SV1 : Servo Ø14 PCD70,M4 SV2 : Servo Ø14 PCD70,M5 Suit for 200~400W AC Servo Motor
	85			
	130			
	200			
	280			
				ST1 : Stepper Ø6.35 PCD66.67,M4 ST2 : Stepper Ø8 PCD70,M4 ST3 : Stepper Ø10 PCD70,M4 ST4 : Stepper Ø8 PCD66.67,M4 Suit for 60 Stepper Motor
				OS : Dedicated Open Loop Stepper Motor CS : Dedicated Closed Loop Stepper Motor

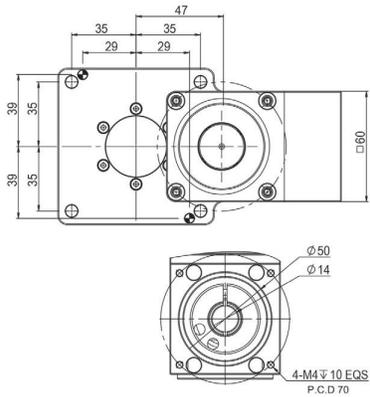
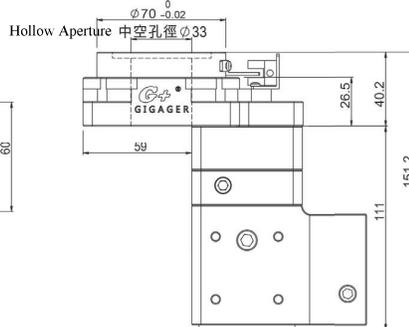
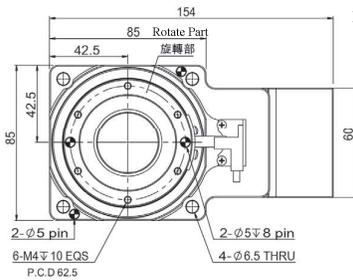
Technical Parameter

Parameter		Model											
		GSN85			GSN85Z			GSN85M					
Bearing of Rotary Table		Cross Roller Bearing											
Gear Ratio	i	5	10	18	10	15	20	30	15	20	25	30	
Permissible Torque	N.m	20	16	3.2	20	20	16	16	20	20	20	20	
Allowable Table Speed	rpm	200		150 OS : 50	200								
Repeatability	arc-sec	≤ 10						≤ 15					
Positioning Accuracy	arc-min	≤ 1											
Allowable Axial Load	N	500											
Table Flatness	mm	≤ 0.01											
Table Concentricity	mm	≤ 0.01											
Precision Lifespan	hr	20000 (Intermittent Operation)											
Ingress Protection	IP	40											
Weight	kg	1.4		1 OS : 1.2 CS : 1.3	2.6								

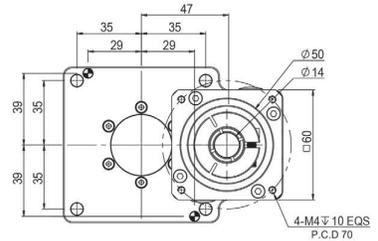
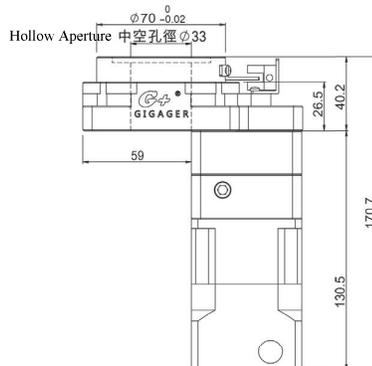
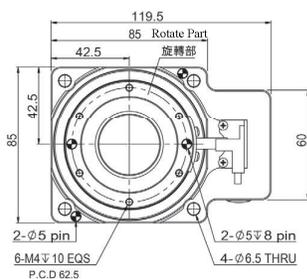
■ GSN85-05K



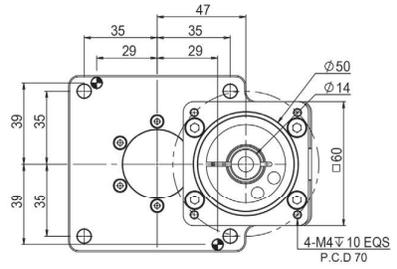
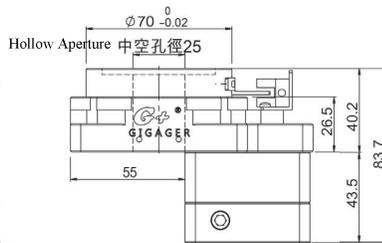
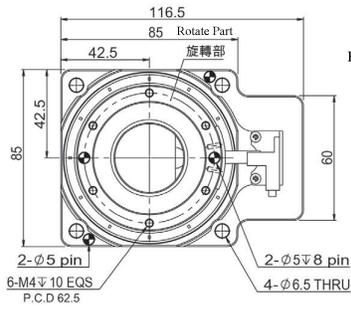
■ GSN85Z-10K/15K



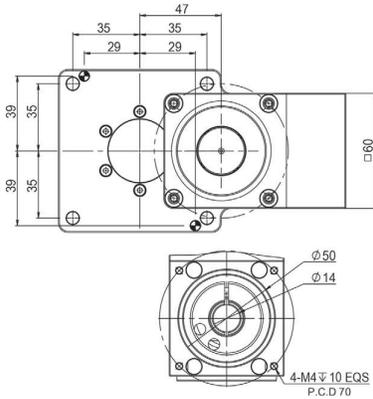
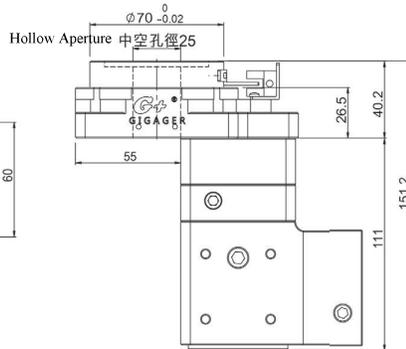
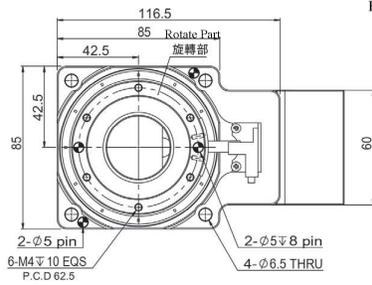
■ GSN85M-15K/20K/25K/30K



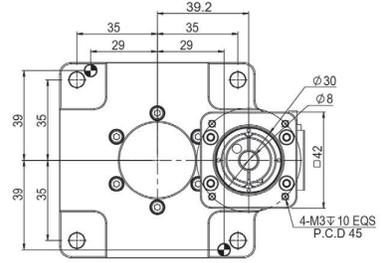
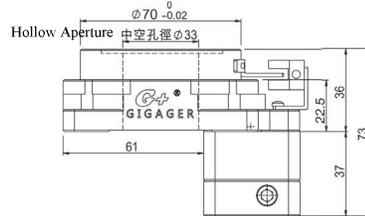
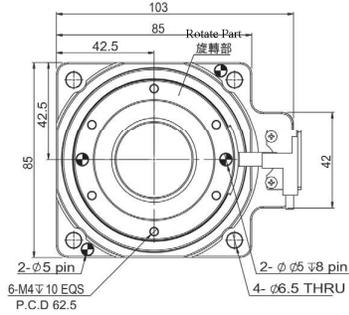
■ GSN85-10K



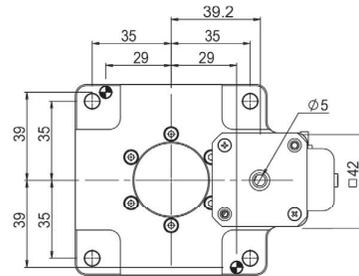
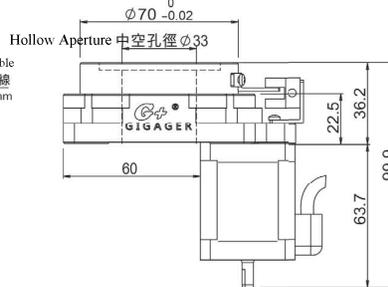
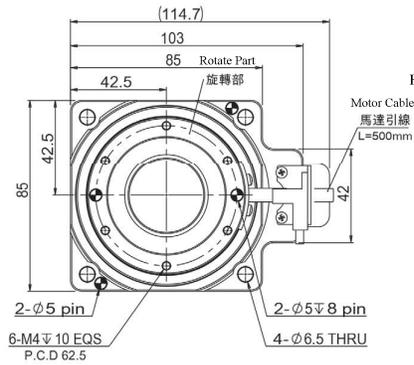
■ GSN85Z-20K/30K



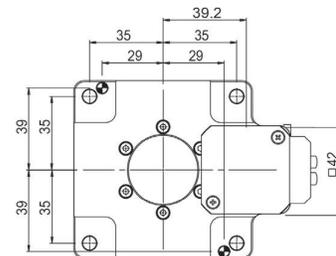
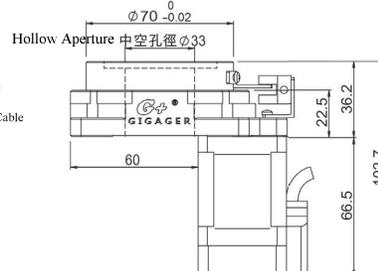
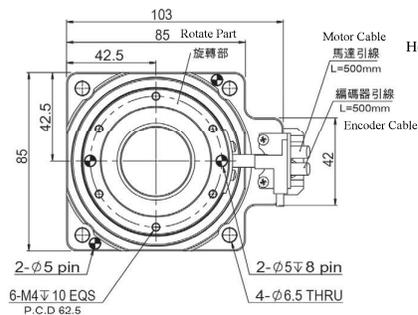
■ GSN85-18K



■ GSN85-18K-OS



■ GSN85-18K-CS



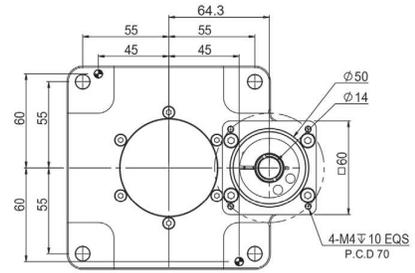
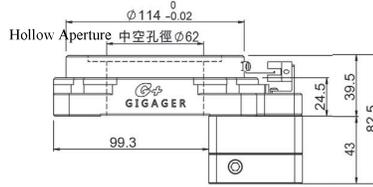
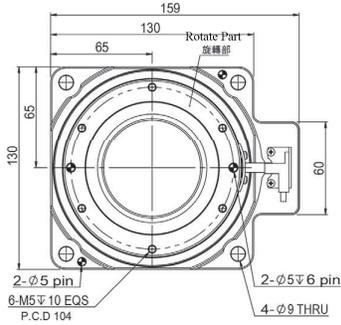
GSN130

Series	Size	Types	Gear Ratio	Motor Type
GSN	130		10K	SV1
	60 85 130 200 280	Blank : Standard Z : Right Angle M : Planetary		SV1 : Servo Ø14 PCD70,M4 SV2 : Servo Ø14 PCD70,M5 Suit for 200~400W AC Servo Motor
				ST1 : Stepper Ø6.35 PCD66.67,M4 ST2 : Stepper Ø8 PCD70,M4 ST3 : Stepper Ø10 PCD70,M4 ST4 : Stepper Ø8 PCD66.67,M4 Suit for 60 Stepper Motor
				OS : Dedicated Open Loop Stepper Motor CS : Dedicated Closed Loop Stepper Motor

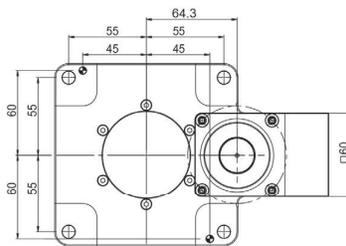
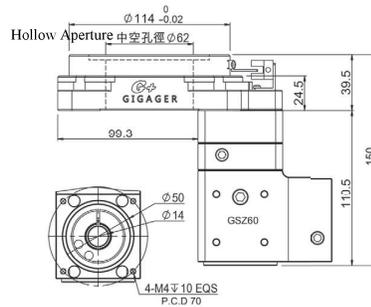
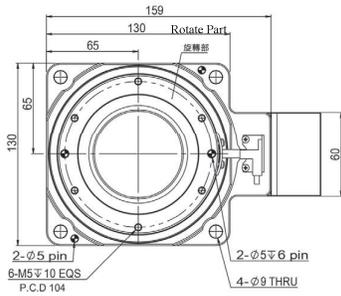
Technical Parameter

Parameter	Model	Model						
		GSN130		GSN130Z		GSN130M		
Bearing of Rotary Table		Cross Roller Bearing						
Gear Ratio	i	10	18	20	30	30	40	50
Permissible Torque	N.m	30	18	30				
Allowable Table Speed	rpm	200	150 OS : 50 CS : 120	200				
Repeatability	arc-sec	≤ 10				≤ 15		
Positioning Accuracy	arc-min	≤ 1						
Allowable Axial Load	N	2000						
Table Flatness	mm	≤ 0.01						
Table Concentricity	mm	≤ 0.01						
Precision Lifespan	hr	20000 (Intermittent Operation)						
Ingress Protection	IP	40						
Weight	kg	2.5 OS : 3.1 CS : 3.3		3.8				

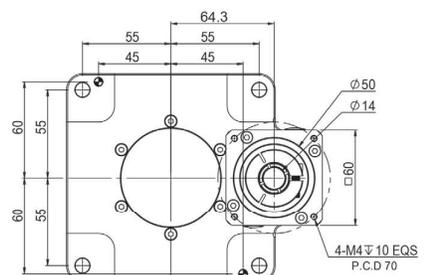
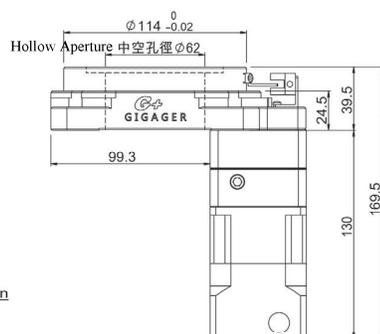
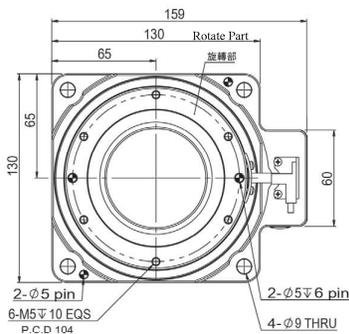
■ GSN130-10K/18K



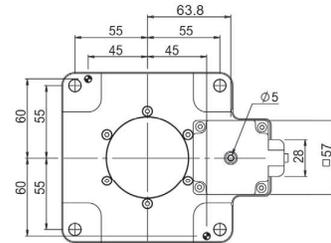
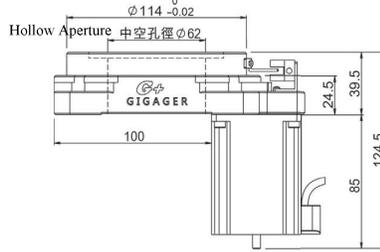
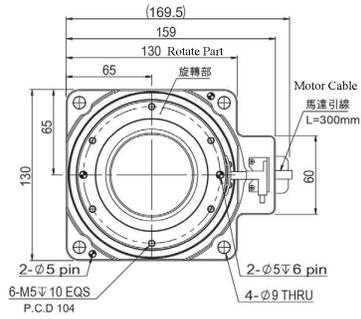
■ GSN130Z-20K/30K



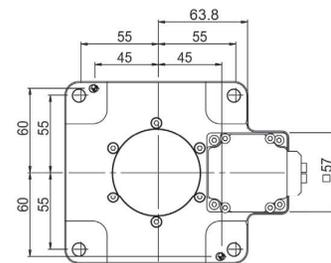
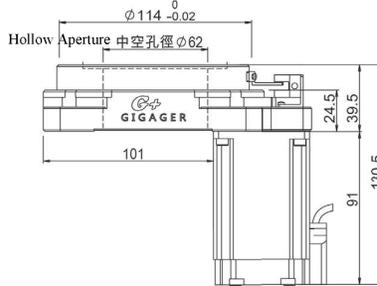
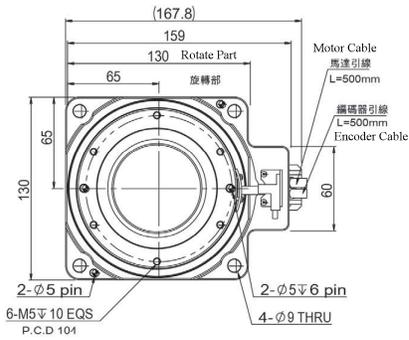
■ GSN130M-30K/40K/50K



■ GSN130-18K-OS



■ GSN130-18K-CS



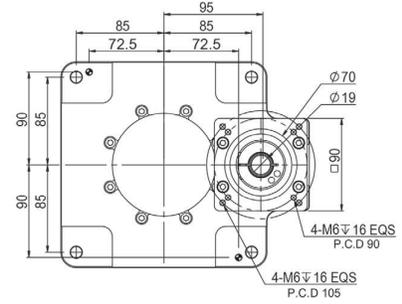
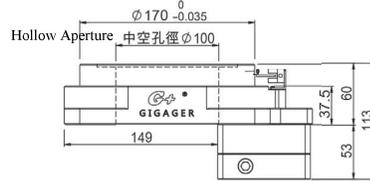
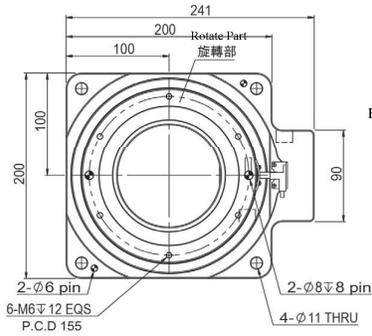
GSN200

Series	Size	Types	Gear Ratio	Motor Type
GSN	200		10K	SV1
	60 85 130 200 280	Blank: Standard 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 Stepper Motor
				OS : Dedicated Open Loop Stepper Motor CS : Dedicated Closed Loop Stepper Motor

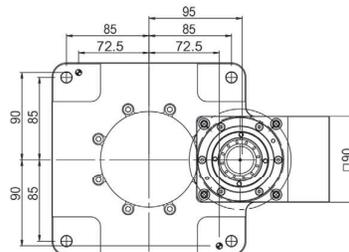
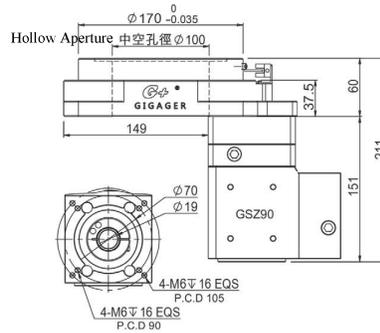
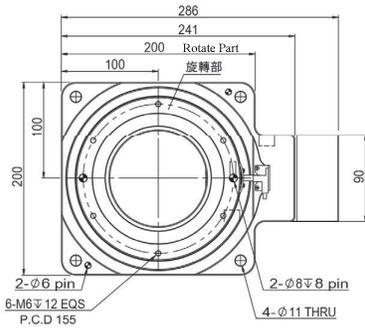
Technical Parameter

Parameter	Model	Model						
		GSN200		GSN200Z		GSN200M		
Bearing of Rotary Table		Cross Roller Bearing						
Gear Ratio	i	10	18	20	30	30	40	50
Permissible Torque	N.m	65	50	65				
Allowable Table Speed	rpm	200	150 OS : 60 CS : 120	200				
Repeatability	arc-sec	≤ 10				≤ 15		
Positioning Accuracy	arc-min	≤ 1						
Allowable Axial Load	N	4000						
Table Flatness	mm	≤ 0.01						
Table Concentricity	mm	≤ 0.01						
Precision Lifespan	hr	20000 (Intermittent Operation)						
Ingress Protection	IP	40						
Weight	kg	8 OS : 8.8 CS : 9.1	12	11.5				

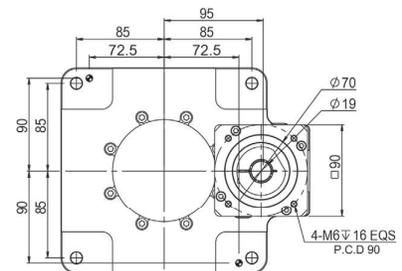
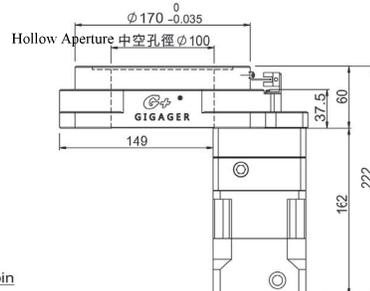
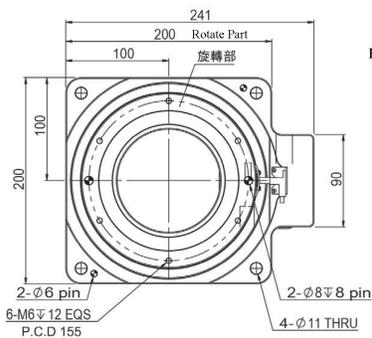
■ GSN200-10K/18K



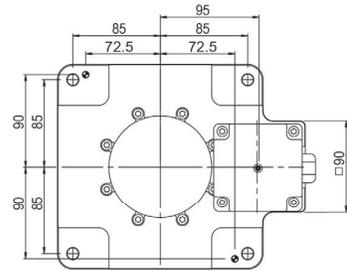
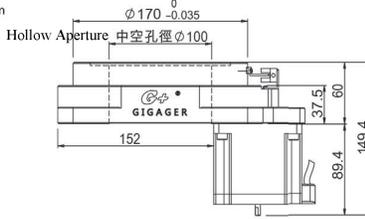
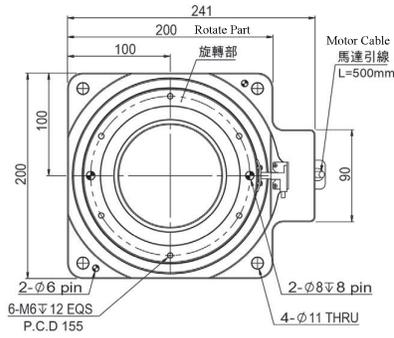
■ GSN200Z-20K/30K



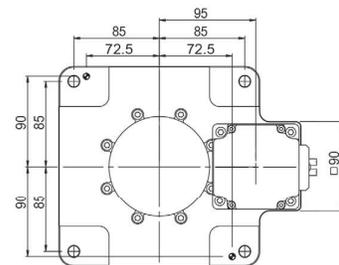
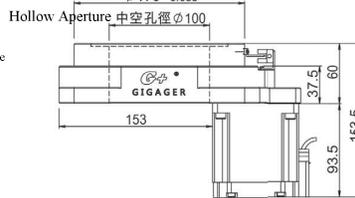
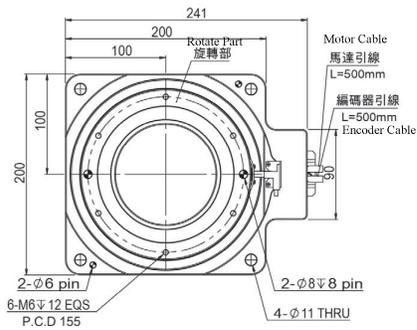
■ GSN200M-30K/40K/50K



■ GSN200-18K-OS



■ GSN200-18K-CS



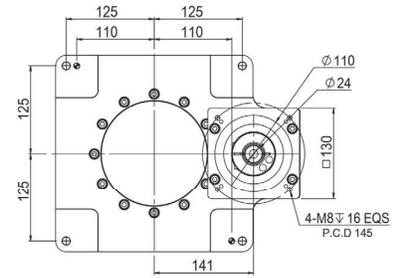
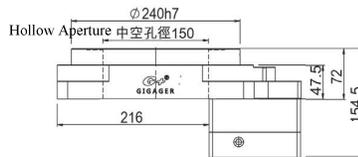
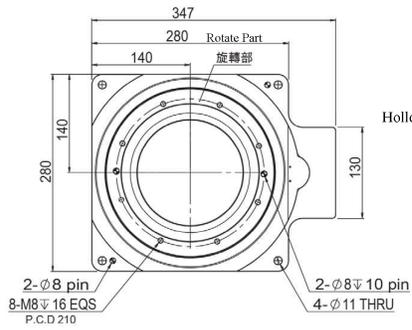
GSN280

Series	Size	Types	Gear Ratio	Motor Types
GSN	280		10K	SV1
	60 85 130 200 280	Blank: Standard M : Planetary		SV1 : Servo Ø22 PCD145,M8 SV2 : Servo Ø24 PCD145,M8 Suit for 1000W AC Servo Motor

Technical Parameter

Parameter		Model			
		GSN280	GSN280M		
Bearing of Rotary Table		Cross Roller Bearing			
Gear Ratio	i	10	30	40	50
Permissible Torque	N.m	120			
Allowable Table Speed	rpm	200			
Repeatability	arc-sec	≤ 10			≤ 15
Positioning Accuracy	arc-min	≤ 1			
Allowable Axial Load	N	8000			
Table Flatness	mm	≤ 0.01			
Table Concentricity	mm	≤ 0.01			
Precision Lifespan	hr	20000 (Intermittent Operation)			
Ingress Protection	IP	40			
Weight	kg	20	28		

■ GSN280-10K



■ GSN280M-30K/40K/50K

