



Hollow Rotary Tables/GSHR Series

Hypoid Gear & Cross Roller Bearing
Vertical & Suspension Installation Available



GSHR Series

High Precision and Efficiency: The spiral guide hypoid gear has the advantages of higher ratio, high torque, high precision and low loss than the spiral bevel

It rotates in a sliding way transmission accuracy can reach 30 arc seconds, and the transmission efficiency can reach 96%; the geometric tolerance of the gear is less than 0.002mm, up to JISO standard

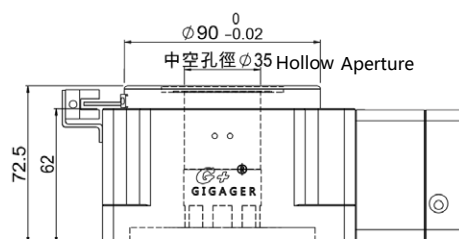
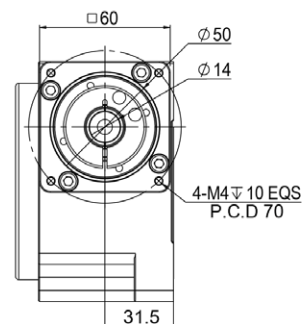
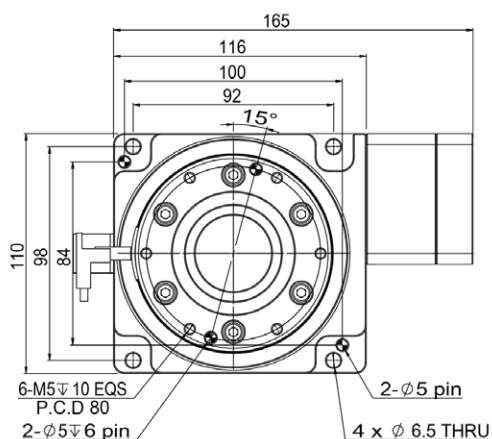
High rigidity cross roller bearing output Signal ratio 1 : 30, met the rotary requirement of large inertia load

With high-hardness and high-density gear materials, the accuracy life can reach 30000hrs

Horizontal, side and suspension installation are available

GSHR100

Series	Size	Ratio	Motor
GSHR	100	30K	SV1
	100 150 200		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

Bearing of Rotary Table		Cross Roller Bearing
Allowable Torque	N.m	80
Allowable Table Speed	rpm	100
Gear Ratio	i	30
Repeatability	arc-sec	≤ 10
Positioning Accuracy	arc-min	≤ 1
Allowable Axial Load	N	1500
Allowable Moment of Inertia	N.m	75
Table Flatness	mm	≤ 0.01
Table Concentricity	mm	≤ 0.01
Ingress Protection	IP	53
Weight	kg	3.6

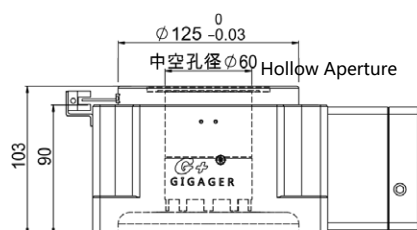
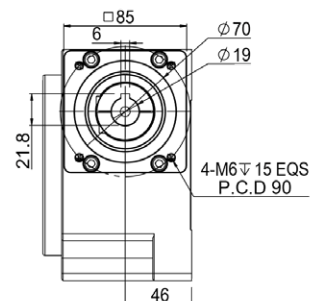
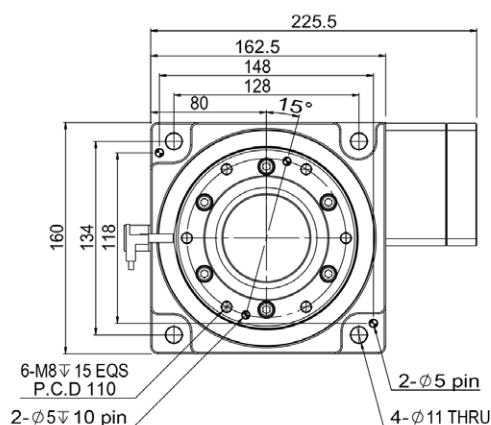
GSHR150

Series	Size	Ratio	Motor
GSHR	150	30K	SV1

100
150
200

SV1: Servo Ø19 PCD90,M5
SV2: Servo Ø19 PCD90,M6
Suit for 750W AC Servo Motor

ST1: Stepper Ø14PCD98.4,M5
ST2: Stepper Ø14PCD98.4,M6
Suit for 86 Stepper Motor

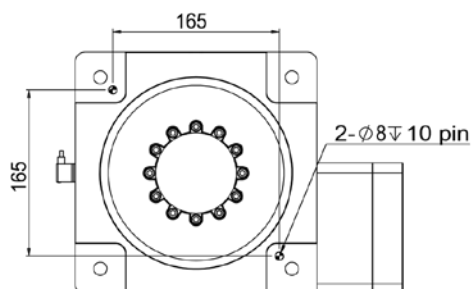
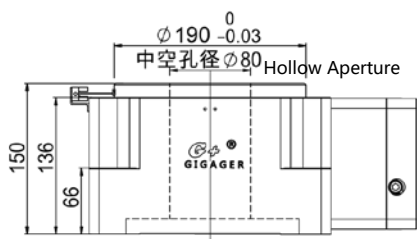
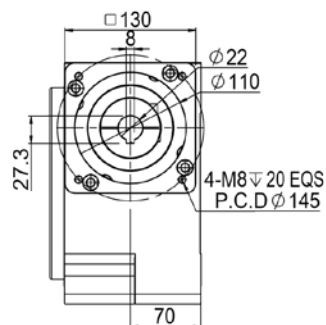
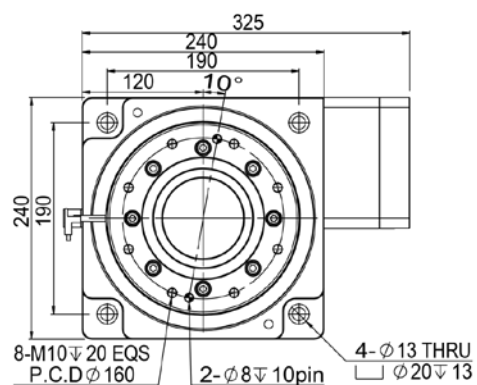


Technical Parameters

Bearing of Rotary Table	Cross Roller Bearing
Allowable Torque	N.m
Allowable Table Speed	rpm
Gear Ratio	i
Repeatability	arc-sec
Positioning Accuracy	arc-min
Allowable Axial Load	N
Allowable Moment of Inertia	N.m
Table Flatness	mm
Table Concentricity	mm
Ingress Protection	IP
Weight	kg

GSHR200

Series	Size	Ratio	Motor
GSHR	200	30K	SV1
	100 150 200		SV1: Servo Ø22 PCD145,M8 SV2: Servo Ø24 PCD145,M8 Suit for 1000W AC Servo Motor



Technical Parameters

Bearing of Rotary Table	Cross Roller Bearing
Allowable Torque	N.m 350
Allowable Table Speed	rpm 100
Gear Ratio	i 30
Repeatability	arc-sec ≤ 10
Positioning Accuracy	arc-min ≤ 1
Allowable Axial Load	N 7000
Allowable Moment of Inertia	N.m 200
Table Flatness	mm ≤ 0.01
Table Concentricity	mm ≤ 0.01
Ingress Protection	IP 53
Weight	kg 32