



G+[®] Hollow Rotary Tables/GSA Series

Right-angle Hollow Construction
Suitable for Heavy-duty Horizontal Installation

GSA Series Standard Model



Large Hollow Aperture

Wiring and piping are more convenient and concise, and this advantage is particularly prominent in the wiring and piping environment with complex wiring

90° Right-angle Structure

Supply more choices for limited space with the limited space efficiently

Multiple Combinations

Combined with planetary reducers and various brands of servo motors to achieve multiple mechanism designs

Long Life-span

The accuracy life can reach 30000hrs



Series	Size	Type	Ratio	Motor
GSA	42		03K	SV1
	42 45	M: Planetary H: Standard	03K 08K 09K 12K 15K 30K	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 Open Loop Stepper Motor

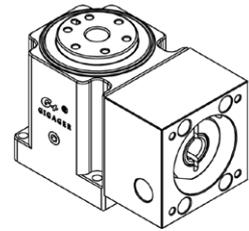
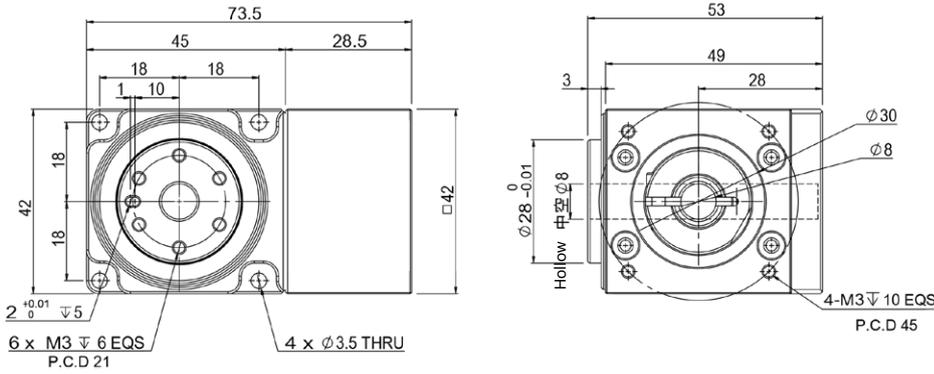
Technical Parameters

Parameters	Model					
	GSA42H	GSA42M				GSA45
Bearing of Rotary Table	Tapered Roller Bearing					Deep Groove Ball Bearing
Gear Ratio i	3	9	12	15	30	8
Permissible Torque N.m	12					3
Allowable Table Speed rpm	200					150
Repeatability arc-sec	≤ 10	≤ 15				≤ 10
Allowable Moment of Inertia N.m	3					1.5
Positioning Accuracy arc-min	≤ 1					
Allowable Axial Load N	100					20
Table Flatness mm	≤ 0.01					
Table Concentricity mm	≤ 0.01					
Ingress Protection IP	40					
Weight kg	0.5	1				0.5

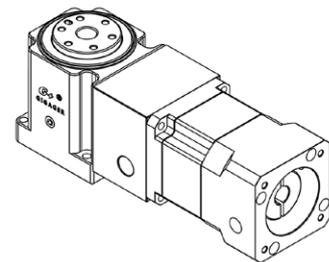
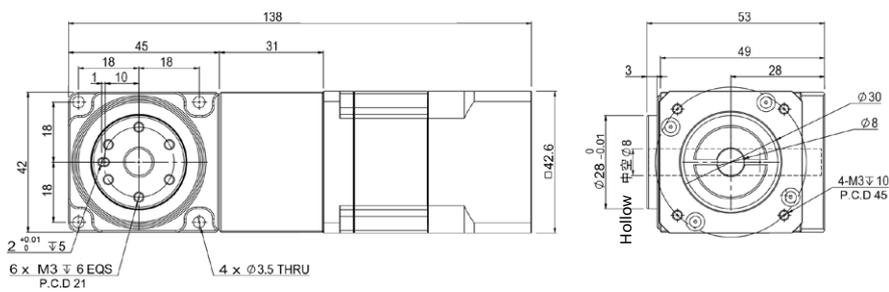
Motor/Drive Parameters

Motor/Driver Parameters	Model	
	GSA45-08K-OS	
Frame Size mm	28	
Rated Current A/phase	1	
Coil Impedance Ω/phase	2.7	
Coil Inductive mh	1.9	
Holding Torque N.m	0.11	
Moment of Inertia g.cm ²	17	
Motor Length mm	40	
Ingress Protection IP	20	
Step Angle °	1.8	
Lead Wire	4	

■ GSA42H-03K



■ GSA42M-9K/12K/15K/30K



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

■ GSA45-08K-OS



XXY
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GSZ
GMR
GMC
GMA
GML

