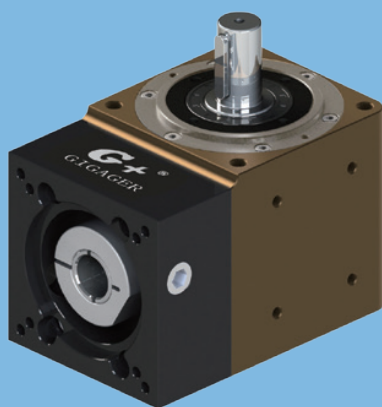


PRODUCT CATALOGUE

Right Angle Reducer





Right Angle Reducer

Revolutionary New Solution for Rotary Motion Control

Right Angle Reducer

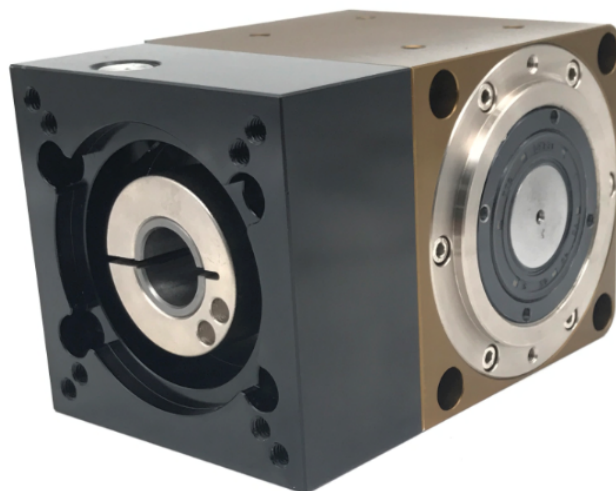
The Right Angle Reducer is a kind of force direction changes gearbox for meeting some requirement of special mechanism design. It can connect with the Hollow Rotary Table and the Right Angle Hollow Rotary Table for force direction changes and increase gear ratio.

The adoption of the top spiral bevel gear and the optimized design of contact tooth surface makes the even load and allow high torque output.

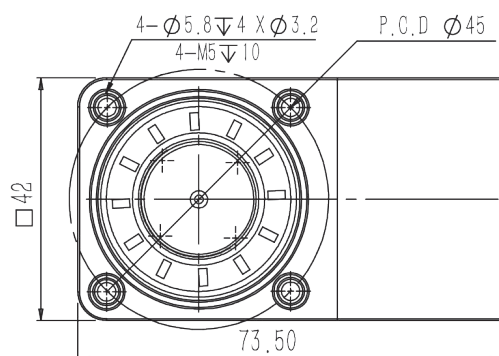
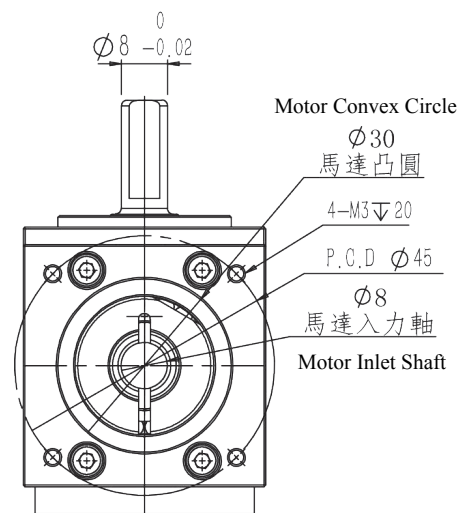
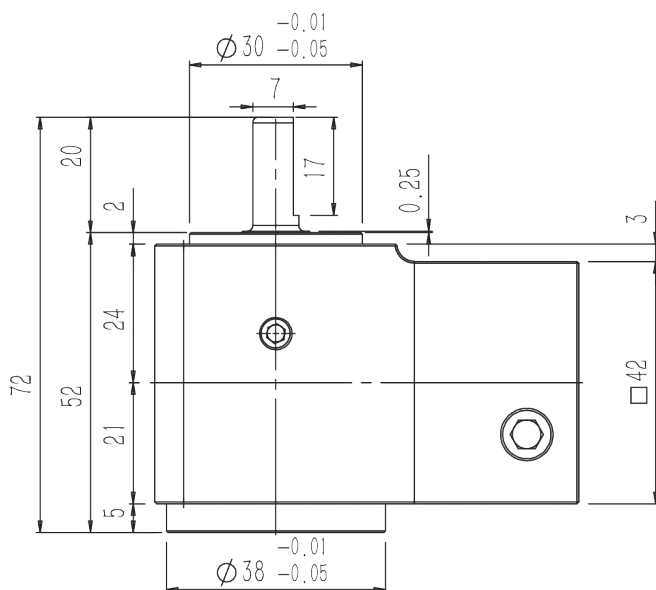
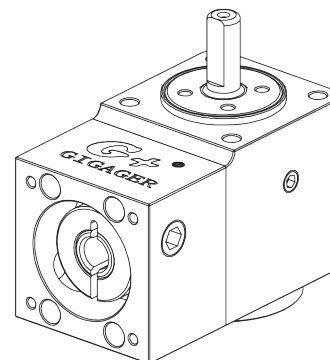
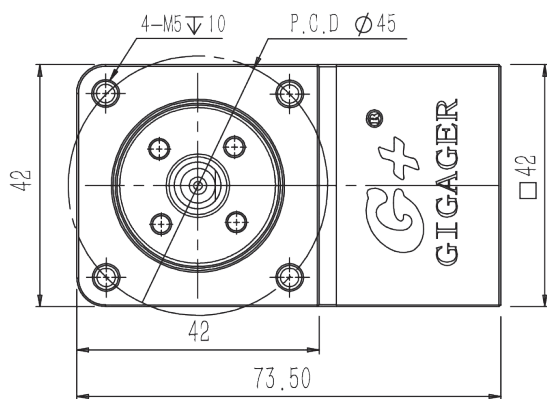
Gears are made of high strength carburizing alloy steel and the hardness of the tooth surface after carburizing can reach $HRC60\pm2^\circ$.

The simple design of high torque and low backlash speed reducer is suitable for the precision servo application.

NEW Design

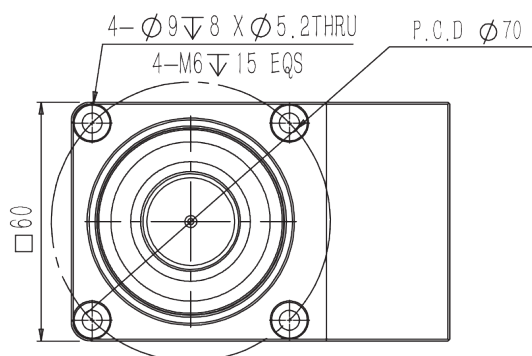
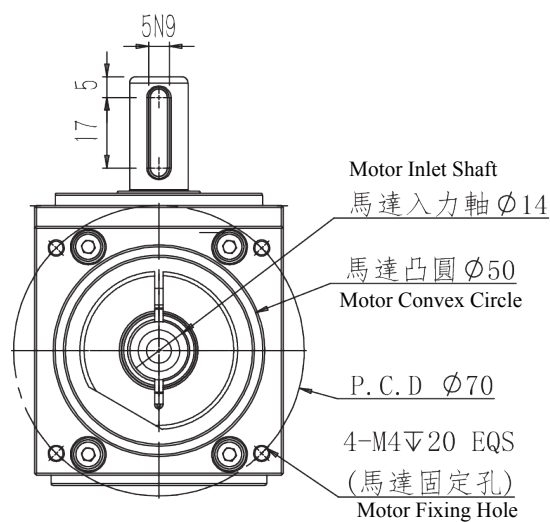
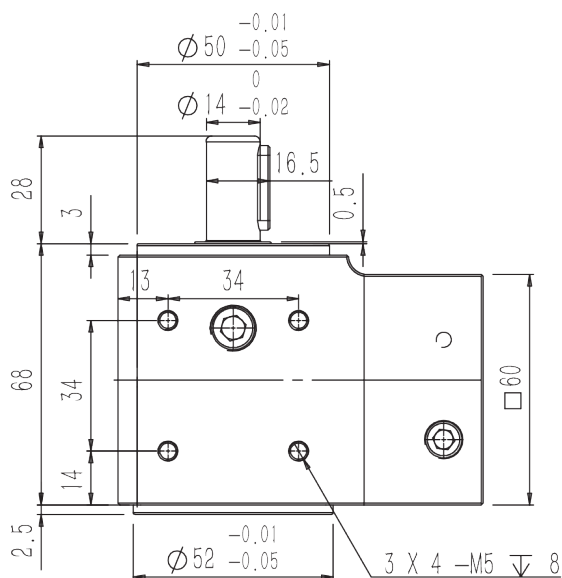
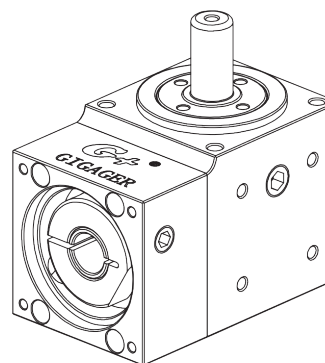
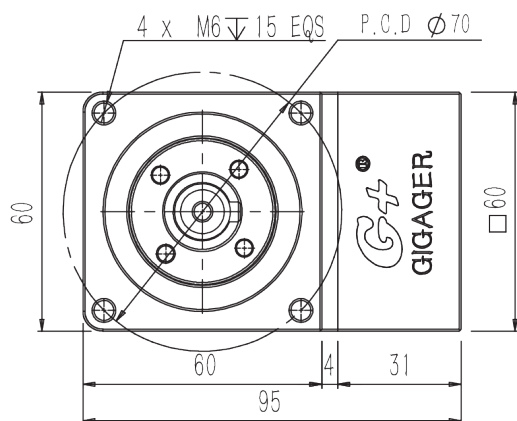
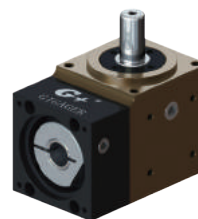


■ GSZ42-03K-SV



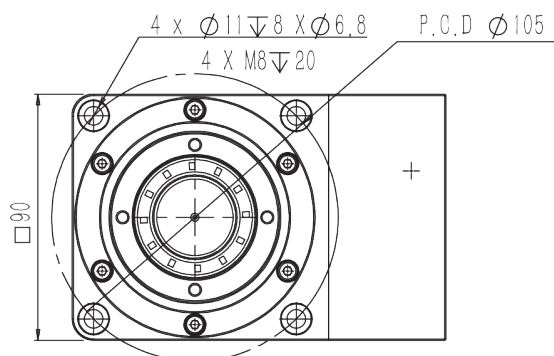
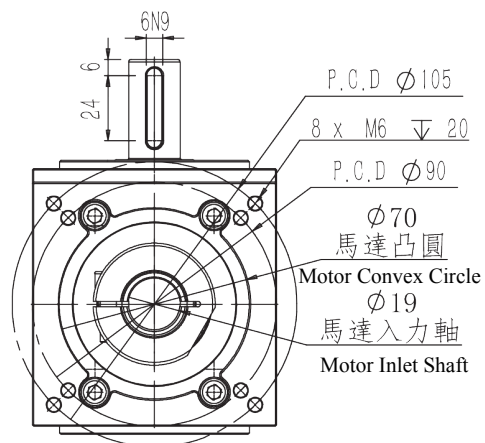
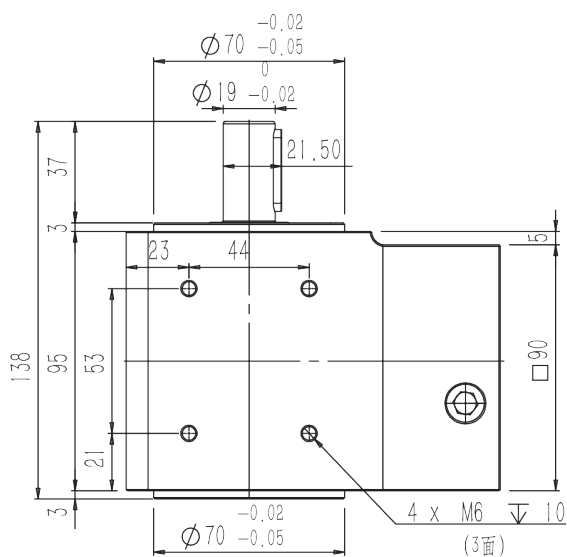
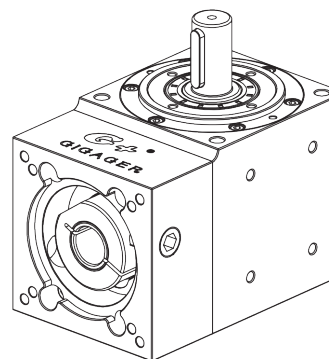
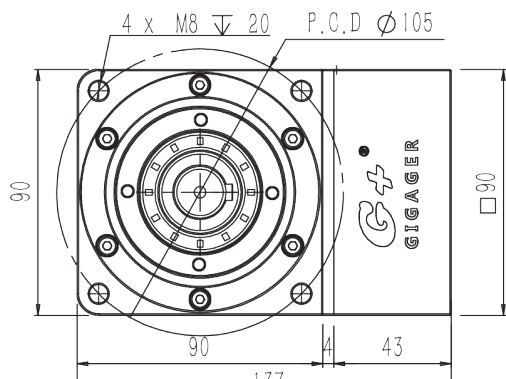
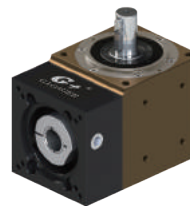
Parameter	
Gear Ratio	1:3
Permissible Torque N.m	12
Destructive Torque N.m	40
Permissible Input Speed rpm	2500
Backlash min	0.5
Weight kg	0.45

■ GSZ60-02K-SV GSZ60-03K-SV



Parameter		
Output Shaft Type	Single Shaft	
Gear Ratio	1:2	1:3
Permissible Torque N.m	48	35
Destructive torque N.m	158	116
Permissible Input Speed rpm	2500	
Backlash min	0.5	
Weight kg	1.2	

GSZ90-02K-SV GSZ90-03K-SV



Parameter	
Output Shaft Type	Single Shaft
Gear Ratio	1:2 / 1:3
Permissible Torque N.m	95
Destructive torque N.m	300
Permissible Input Speed rpm	2500
Backlash min	0.5
Weight kg	3.8

Code of Combination Product

GSN	60	Z	15	SV	
		F	15/20/25/35/50		
		M			
	85	Z	10/15/54		15/20/25/35/50/54/72/90/180
		F			
		M			
	130	Z	20/30/36/54		30/40/50/54/70/72/90/100/126/180
		F			
		M			
	200	Z	20/30/36/54		30/50/54/72/90/126/180
		F			
		M			
GSB	60	Z	15	SV	
		F	15/20/25/35/50		
		M			
	100	Z	16/24		24/32/40/56/80
		F			
		M			
	130	Z	20/30		30/40/50/70/100
		F			
		M			
	200	Z	20/30		30/40/50/70/100
		F			
		M			
GSA	42	F	9/12/15/21/30	SV	
		M			
	90	F			
		M			
	130	F			
		M			
200	F	15/20/25/35/50			
	M				
GSZ	42	F	9/12/15/21/30	SV	
		M			
	60	F	6/8/9/10/12/14/15/20/30		
		M			
	90	F			
		M			

Series	Model	Type of Reducer	Gear Ratio	Motor Type
GSN series GSB series GSA series GSZ series	42 : 42mm 60 : 60mm 85 : 85mm 90 : 90mm 100 : 100mm 130 : 130mm 200 : 200mm	Z : with Right Angle Reducer F : with Straight tooth planetary reducer M : with helical planetary reducer		SV : Servo Motor

Order Code Example 1: GSN60Z-15K-SV

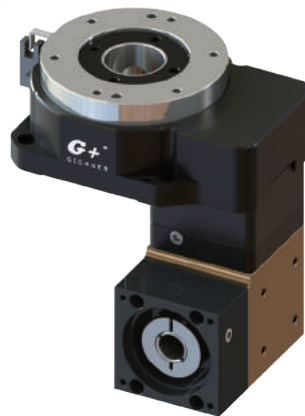
Order Code Example 2: GSB200M-50K-SV

Order Code Example 3: GSZ60M-15K-SV

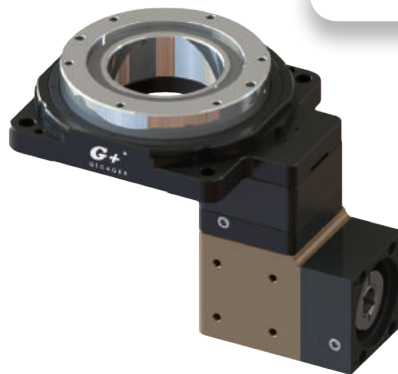
Combination Case



**Right Angle Hollow Rotary Table with
Right Angle Reducer**



Hollow Rotary Actuator with Right Angle Reducer



Hollow Rotary Actuator with Right Angle Reducer



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