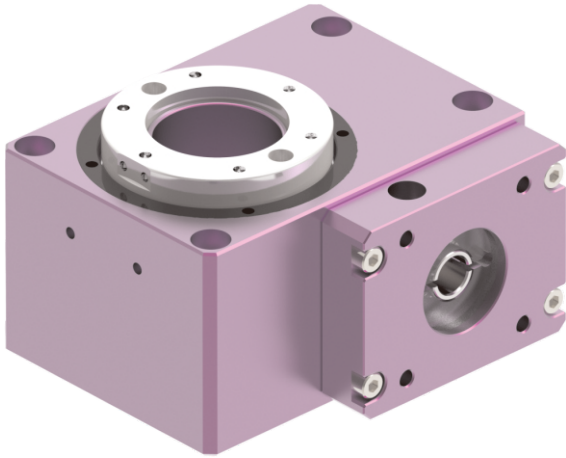


Hollow rotating platform

GT60 series



Features :

- Super large diameter hollow structure, convenient for piping and wiring.
- The input motor is installed horizontally, reducing the occupation rate and reducing the complexity of mechanism installation
- The surface of the rotating disk is the same as that of the DD motor, which can be directly connected to the work object, and the working accuracy can be improved.
- It can be freely matched with various brands of servo motors or our stepping motors, and the selection is highly flexible.

Product name view : GT 60 - 18 M

1. Hollow rotating platform
2. Model
3. Disk reduction ratio
4. Input motor type

GT : GT series

60 : Type 60 , Can be used with 42 frame stepper or servo motor

18 : 18 to 1

M : Delta / Mitsubishi servo motor

P : Panasonic servo motor

B : **Dimamotor** Stepper Motor HB Model

Specification	Unit	GT60-18M	GT60-18P	GT60-18B
Type of input motor		Delta / Mitsubishi motor (50~100W)	Panasonic servo motor (50~100W)	Dimamotor Stepper Motor MS546H-AO5 MS546H-AO5L
Bearings for supporting rotating platforms		Deep Groove Ball Bearings		
Allowable torque	N.m	5		
Allowable disk speed	r/min	200		
Resolution	P / R	According to motor		
Reduction ratio		Direct connection 1:18		
Repeated positioning accuracy	Sec	±15		
Allowable surface load	N	300		
Allowable surface torque	N.m	5		
Parallelism of rotating platform	mm	0.03		
Rotating Platform Deviation	mm	0.03		
Concentricity of rotating platform	mm	0.025		
Protection level	IP	40		
Rotating platform weight	kg	0.8		

※ Allowable surface torque: Loaded at the eccentric position of the center of the rotating platform, the allowable value of the force that causes the disk surface to tilt

■ Dimensions (unit: mm)

Product name	ϕS	ϕLC	ϕLA	ϕP
GT60-18M	$\phi 8^{+0.015}_{+0}$	$\phi 30^{+0.025}_{+0}$	$\phi 46 \pm 0.5$	M4x10L
GT60-18P	$\phi 8^{+0.015}_{+0}$	$\phi 30^{+0.025}_{+0}$	$\phi 45 \pm 0.5$	M3x10L
GT60-18B	$\phi 5^{+0.015}_{+0}$	$\phi 22^{+0.025}_{+0}$	$\phi 43.8 \pm 0.5$	須拆安裝座

SENSOR : OMRON EE_SX472

