

WT

Series Hollow Rotating Platform

PRODUCT FEATURES

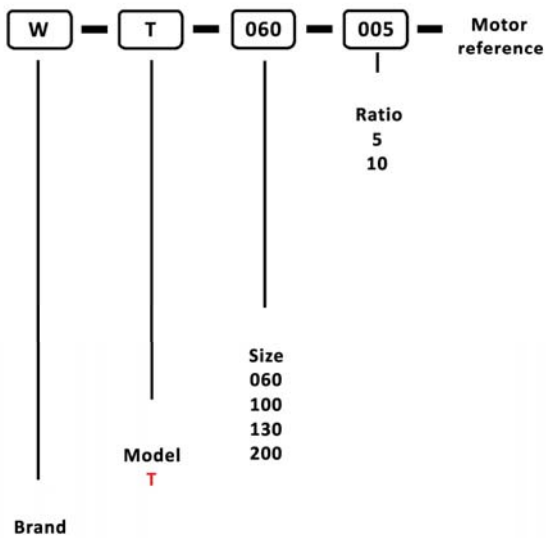
- » The rotating table allows for mounting the workpiece directly for improve the convenience of installation.
- » High precision, repeated positioning accuracy can up to $\pm 15\text{arcsec}$.
- » Hollow design, convenient for connection both for cable and pipe.
- » Match all servo & step motor for different brands.



INDICATION FOR MODEL

SELECTION

GENERAL NOTICES



- Type, model and torque
- Ratio or output speed
- Working conditions and connection methods
- Quantity and installed machine name
- Input mode and input speed
- Motor brand model or flange and motor shaft size

PERFORMANCE DATA OF

TABLE

● Rotating platform performance

Item No.	WT060	WT100	WT130	WT200
Servo motor type	42 step motor 50W-100W servo motor		57 step motor 200W-400W servo motor	86 step motor 750W servo motor
Supporting rotary platform bearing	Deep groove ball bearing		Deep groove ball bearing + Tapered roller bearing	
Ratio	5:1	10:1	10:1	10:1
Rotational inertia J^*	$2330 \times 10^{-7} \text{ kg} \cdot \text{m}^2$	$3898 \times 10^{-6} \text{ kg} \cdot \text{m}^2$	$9216 \times 10^{-6} \text{ kg} \cdot \text{m}^2$	$85792 \times 10^{-6} \text{ kg} \cdot \text{m}^2$
Allowable output torque	5N.m	25N.m	45N.m	80N.m
Rated output speed	200r/min			
Positioning precision	2 arc min			
Reset positioning precision	$\pm 15 \text{ arc sec}$			
Backlash	No backlash (Adjustable structure)			
Allowable axial load	100N	300N	400N	800N
Allowable moment of inertia	10N.m	20N.m	50N.m	100N.m
Parallelism of rotating platform	<0.015	<0.02		<0.04
Concentricity of rotating platform	<0.015		<0.02	
Noise	65dB		67dB	
Protection level	IP40			
Weight	0.6kg	1.2kg	2.8kg	9.6kg

*J refers the Inertia moment of the output side

WT60

