

CNC CAT

low cost... high quality...



WT Series

*High Precision Servo Indexing Table
Helical Gear*



WT Series

High precision servo indexing table



- High accuracy
- Very smooth running
- Hollow shaft
- Adapter for servo or stepper motor

ORDERING CODE

W T 060 005

1 2 3 4

1 Wanshsin mark

4 Ratio: 5 or 10

2 T: Table type

3 Size: 060 100 130 200

PRODUCT FEATURES

- The rotating table is allowed to use for direct mounting of workpieces
- High accuracy and repeatability can reach up to a 15 arcsec
- The table is very stable and smooth in motion for dynamic and high precision applications
- The output table is of stainless steel material

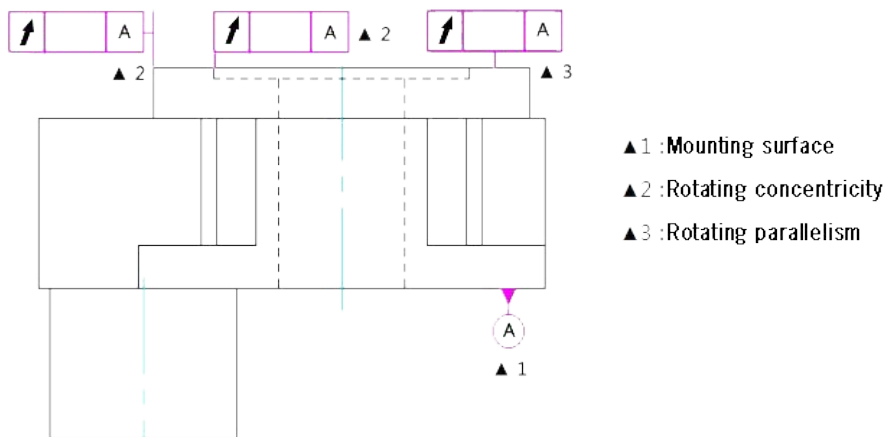
WT Series

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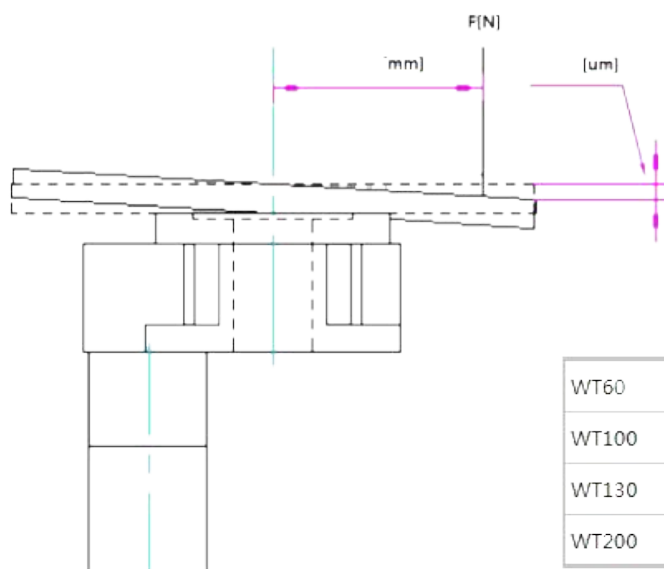
PERFORMANCE TABLE

Specifications	Unit	WT60	WT100	WT130	WT200
Type servo motor		50 – 100W	50 – 100W	200 – 400W	750W
Type stepper motor		Nema 42	Nema 42	Nema 57	Nema 86
Reduction ratio		5 : 1	10 : 1	10 : 1	10 : 1
Inertia J1	kg / cm ²	0.09	0.39	0.92	8.58
Max output torque	Nm	5	25	45	80
Max output speed	rpm	200	200	200	200
Max axial load	N	100	300	400	800
Absolute accuracy	arcmin	3	3	3	3
Repeatability	arcsec	±15	±15	±15	±15
Rotating parallelism	mm	< 0.015	< 0.02	< 0.02	< 0.04
Rotating concentricity	mm	< 0.015	< 0.015	< 0.015	< 0.02
Weight	kg	0.6	1.2	2.8	9.6
Temperature	°C	-10 °C ~ 90 °C			
Protection class		IP40			
Noise	dB(A)	≤65	≤65	≤65	≤67

Accuracy



Displacement by tilting force (Fn)

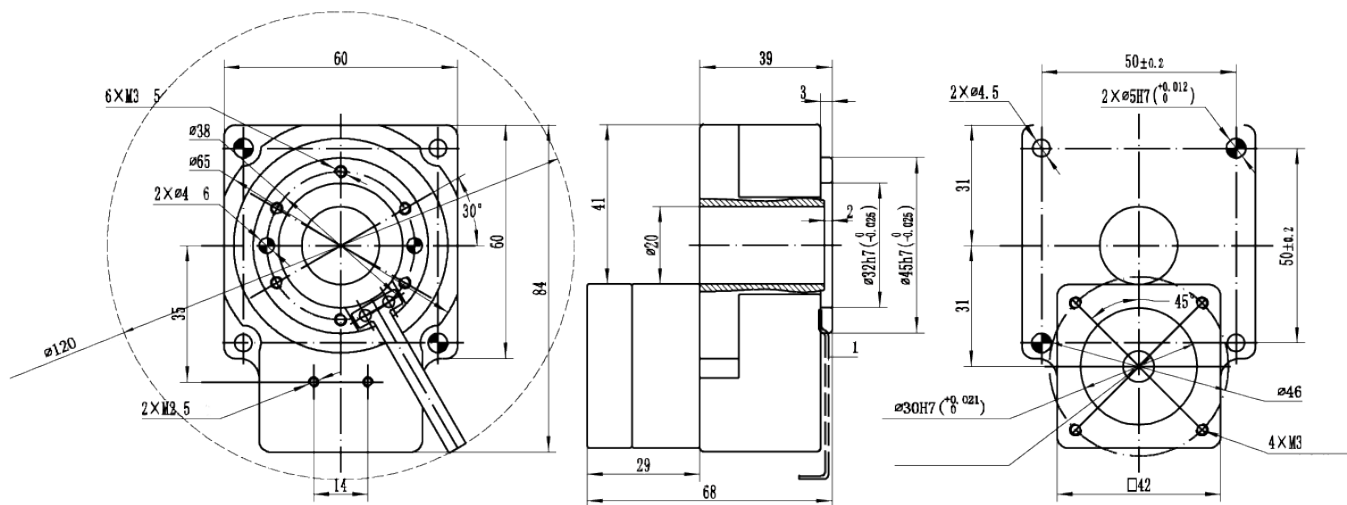


WT60	300mm	5kg	<0.01
WT100	300mm	10kg	<0.01
WT130	300mm	10kg	<0.01
WT200	300mm	15kg	<0.01

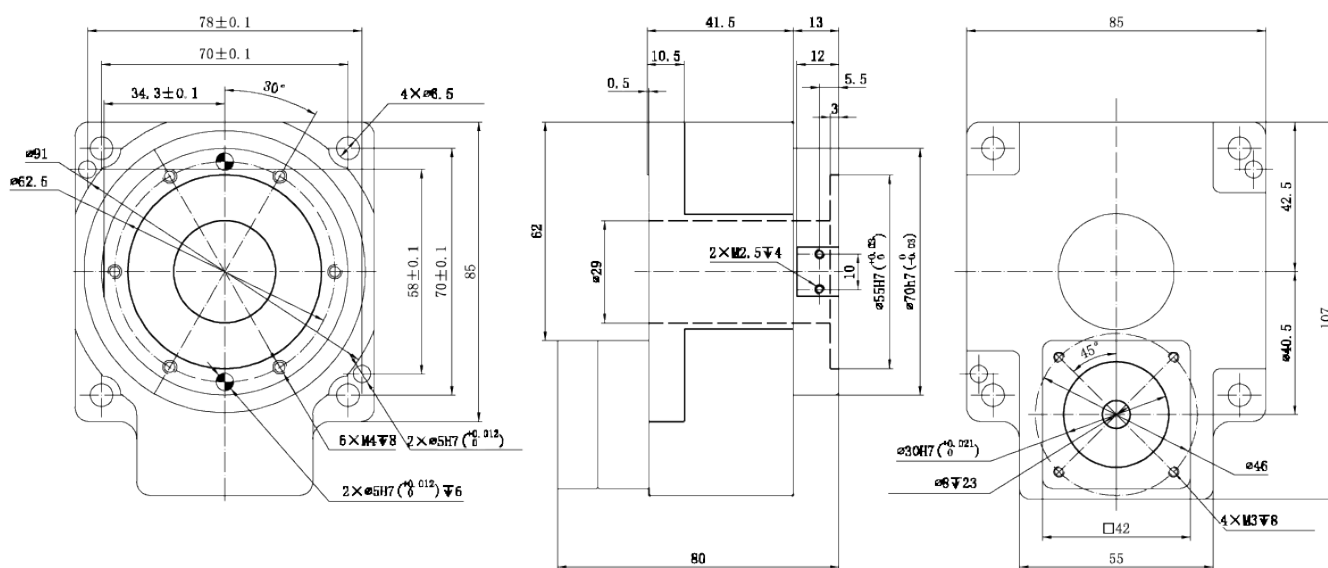
WT Series

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WT060



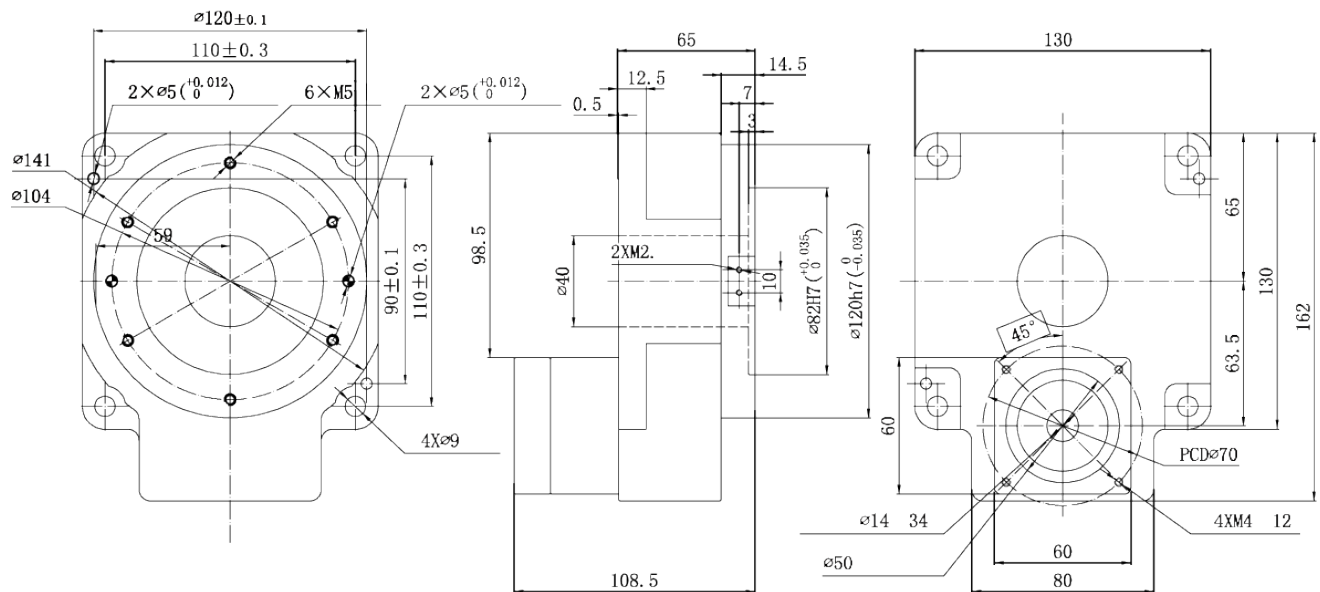
WT100



WT Series

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WT130



WT200

