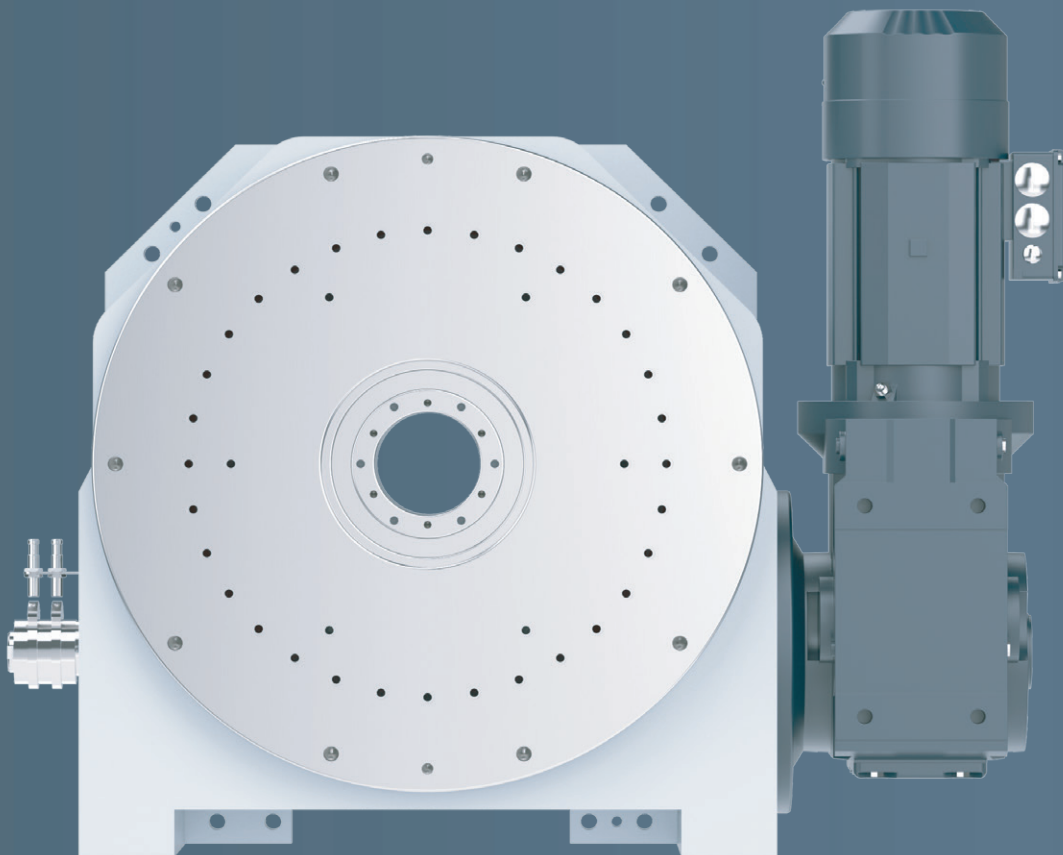


Simple & Reliable

Cylindrical Cam Indexing Table



PACKAM®

Cementing professional knowledge with solutions;
combining solutions with market demands.

Whenever, Wherever

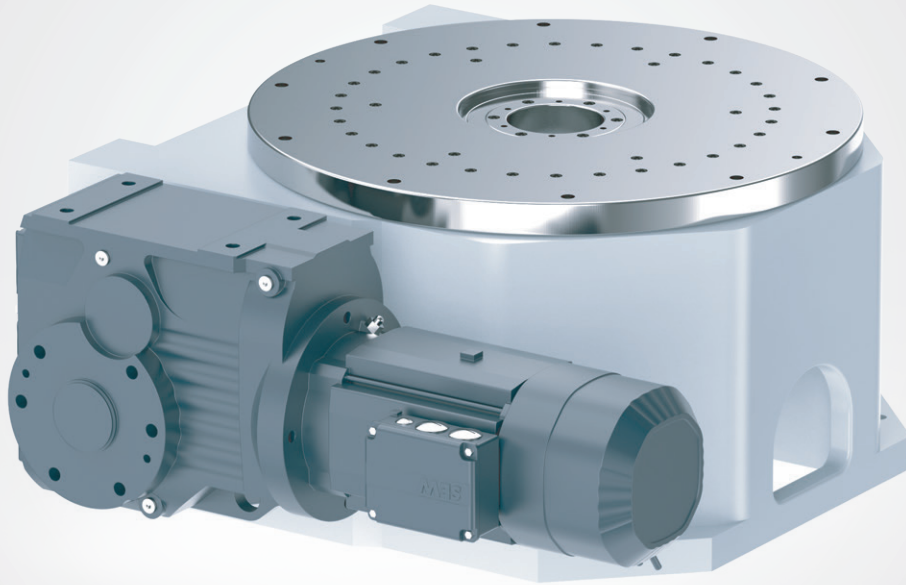
No matter where our clients are, and when they
need us, we will always be there and deliver.

PACKAM – Committing constant consistency.



BASED IN CHINA AND SERVING THE WORLD

Continuously optimized cam curve, making motion smoother and more stable, thereby extending the service life of our indexing tables, and achieving maximum reliability even under high load.



TC fixed position rotating indexing table

High load and high stability

Simple, stable, and reliable

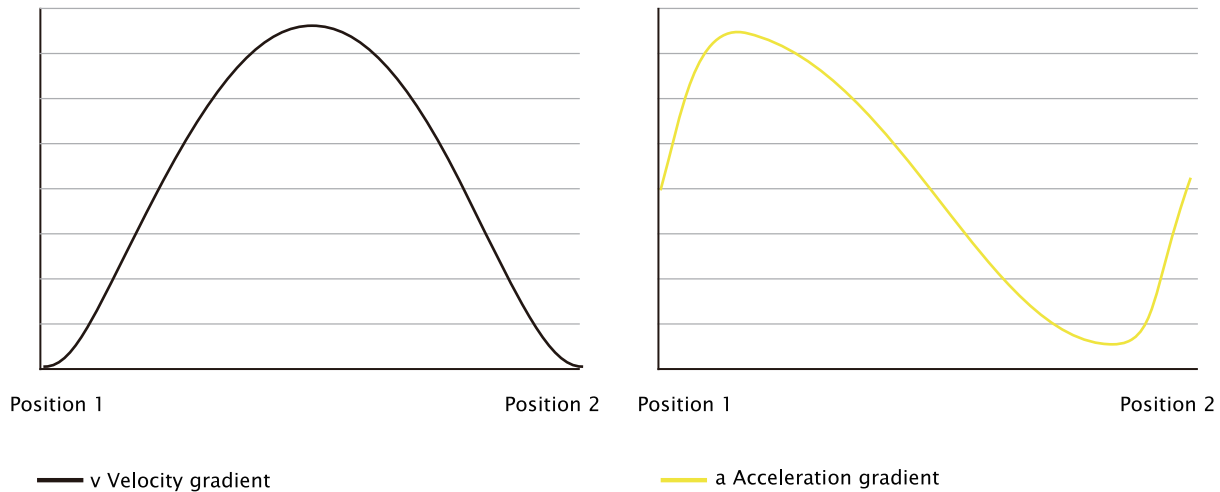
The size of our cam is as large as possible, and by increasing the diameter of the rotor as much as possible to improve the overall rigidity and stability of our turntables

Advantages

- Solid central fixed part, large diameter of central hole
- Cast iron casing with reinforced mounting surface
- Precision, heavy-duty needle roller bearings
- Smooth operation, resistance to sudden thrust and impact

Smooth Movement

By improving the cam curve groove to ensure smoother and more stable motion, thereby extending the service life of the indexing table with increased efficiency.



Bearing Optimization

In order to achieve maximum quality and reliability, even under load, all roller bearings operation is immersed in oil.



TC 150

Technical Parameter

Dimensions

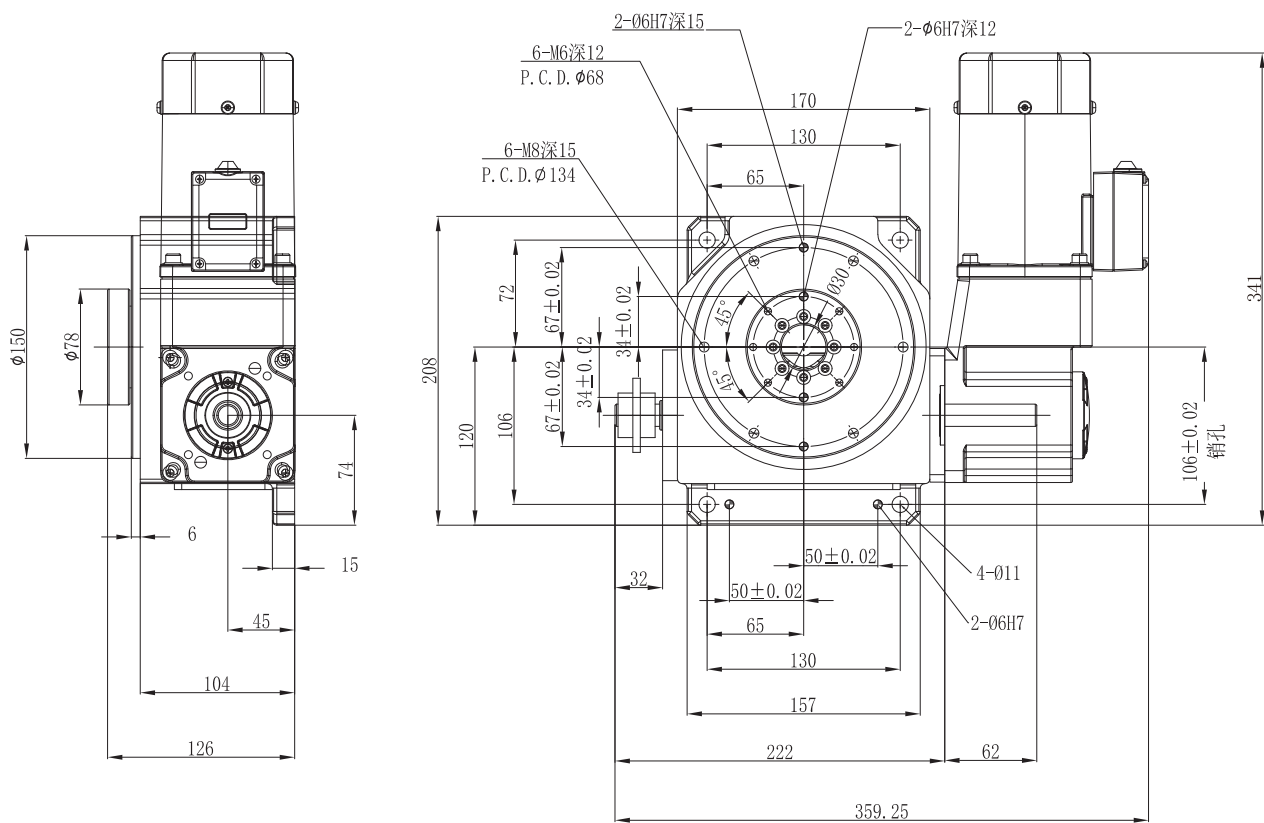
Table diameter:	150 mm
Center aperture:	30 mm
Recommended diameter for rotation:	Max 800 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	2, 3, 4, 6, 8, 10, 12, 16, 18, 20 Other indexing numbers are available upon request
Graduation accuracy:	±30" Or customized higher precision
Repetitive accuracy:	±10"
Weight (excluding motor):	24 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	5500 N
Allow maximum radial force:	6000 N
Maximum allowable tilting moment:	500 Nm

*The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The above specifications and parameters are for reference only. Any further changes will not be notified.

In order to avoid any damages on the rotating indexing table, please obtain the depth data from us if hole-drilling is required

TC 220

Technical Parameter

Dimensions

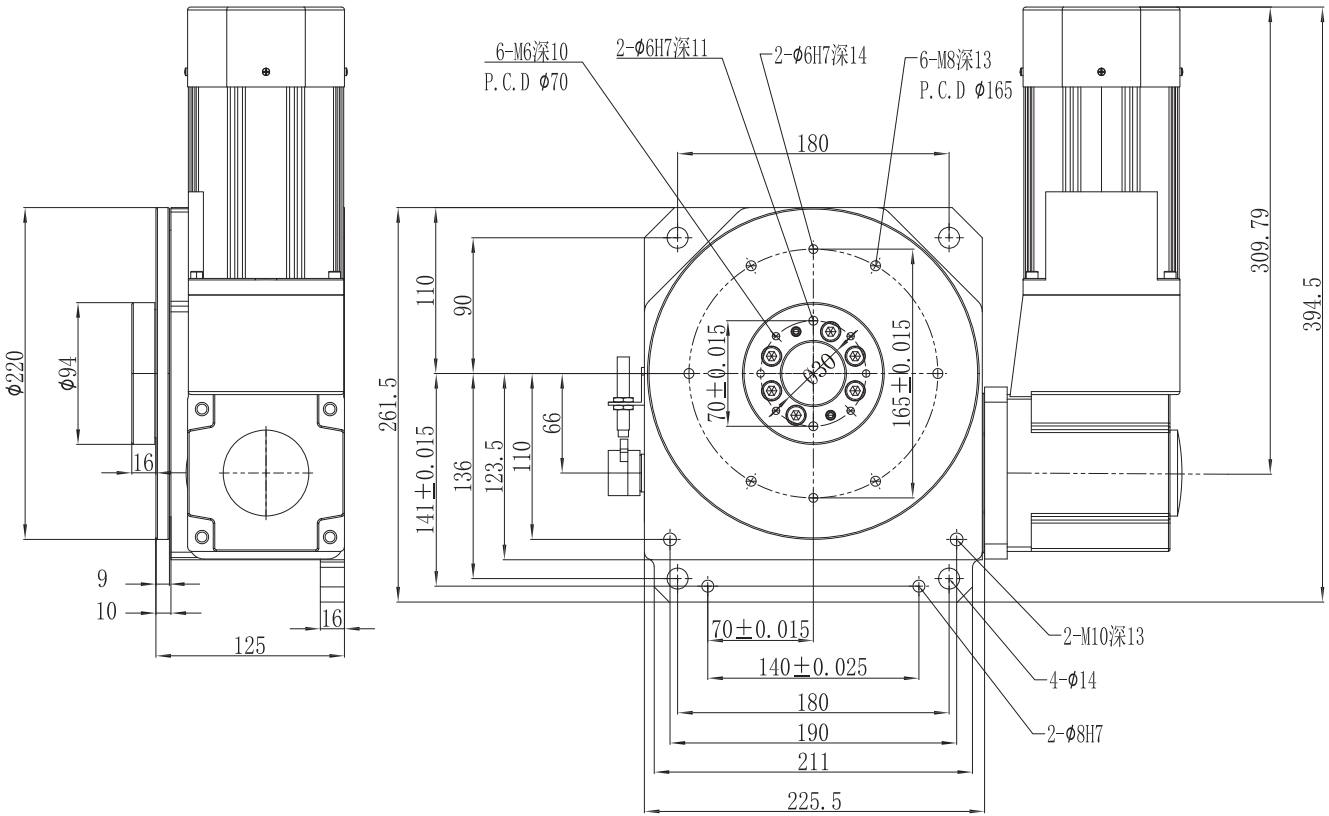
Table diameter:	220 mm
Center aperture:	30 mm
Recommended diameter for rotation:	Max 1100 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	2, 3, 4, 6, 8, 10, 12, 16, 18, 20 Other indexing numbers are available upon request
Graduation accuracy:	±25" Or customized higher precision
Repetitive accuracy:	±10"
Weight (excluding motor):	44 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	7500 N
Allow maximum radial force:	8000 N
Maximum allowable tilting moment:	700 Nm

*The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



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In order to avoid any damages on the rotating indexing table, please obtain the depth data from us if hole-drilling is required

TC 320T

Technical Parameter

Dimensions

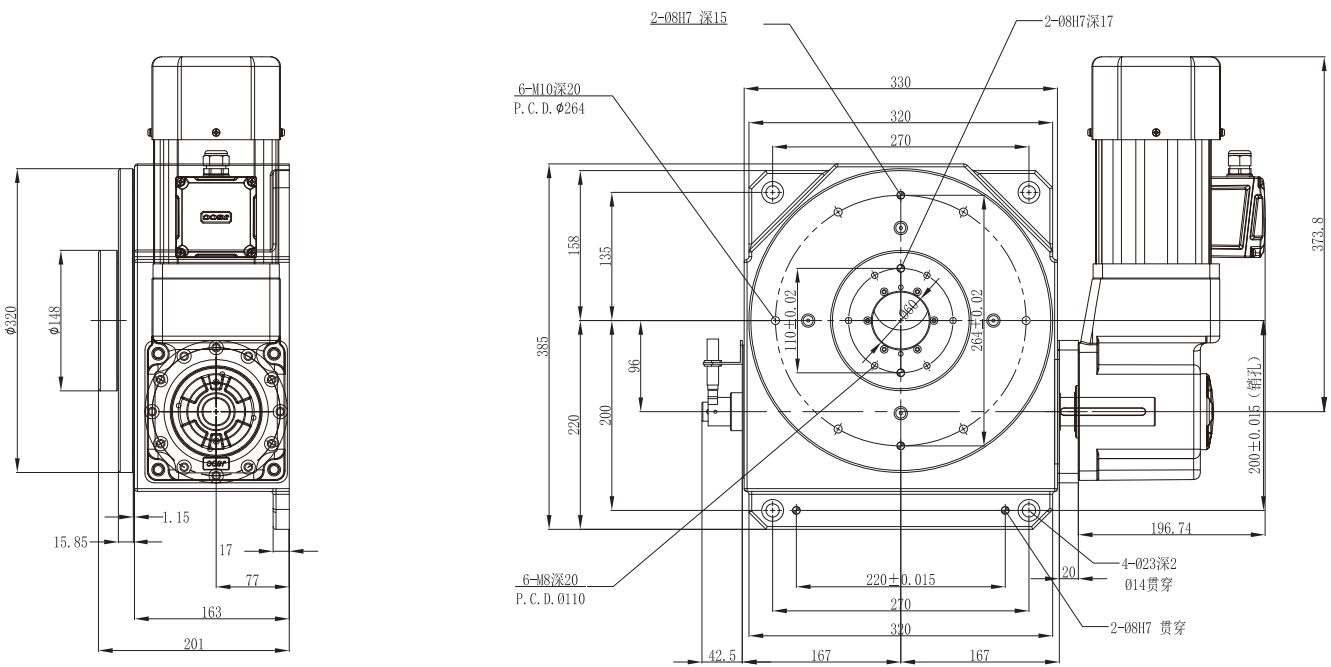
Table diameter:	320 mm
Center aperture:	60 mm
Recommended diameter for rotation:	Max 1600 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	2, 3, 4, 6, 8, 10, 12, 16, 18, 20 Other indexing numbers are available upon request
Graduation accuracy:	±30" Or customized higher precision
Repetitive accuracy:	±10"
Weight (excluding motor):	100 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	15000 N
Allow maximum radial force:	12000 N
Maximum allowable tilting moment:	2000 Nm

*The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The above specifications and parameters are for reference only. Any further changes will not be notified.

In order to avoid any damages on the rotating indexing table, please obtain the depth data from us if hole-drilling is required

TC 320

Technical Parameter

Dimensions

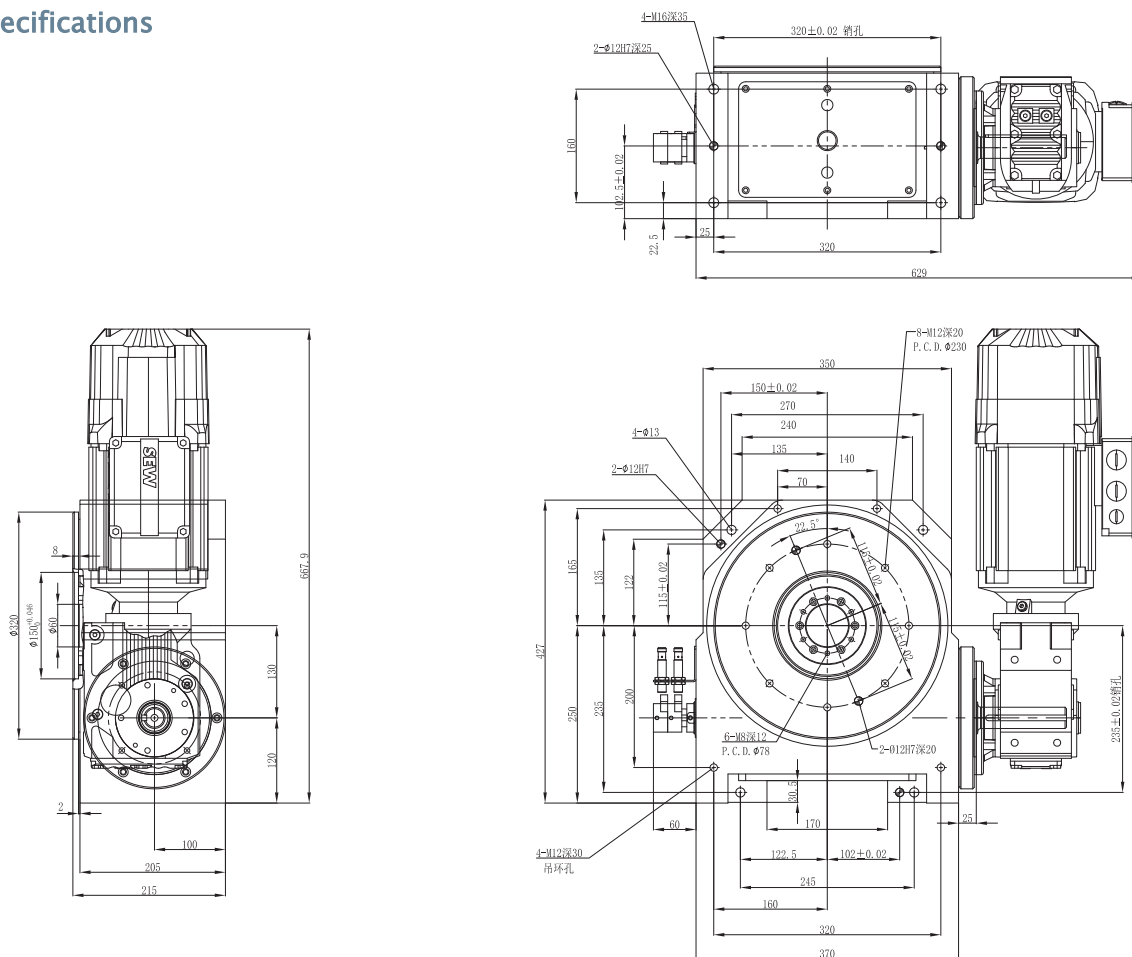
Table diameter:	320 mm
Center aperture:	60 mm
Recommended diameter for rotation:	Max 2000 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	2, 3, 4, 6, 8, 10, 12, 16, 18, 20 Other indexing numbers are available upon request
Graduation accuracy:	$\pm 30''$ Or customized higher precision
Repetitive accuracy:	$\pm 10''$
Weight (excluding motor):	140 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	15000 N
Allow maximum radial force:	12000 N
Maximum allowable tilting moment:	2200 Nm

*The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The above specifications and parameters are for reference only. Any further changes will not be notified.

In order to avoid any damages on the rotating indexing table, please obtain the depth data from us if hole-drilling is required

TC 400

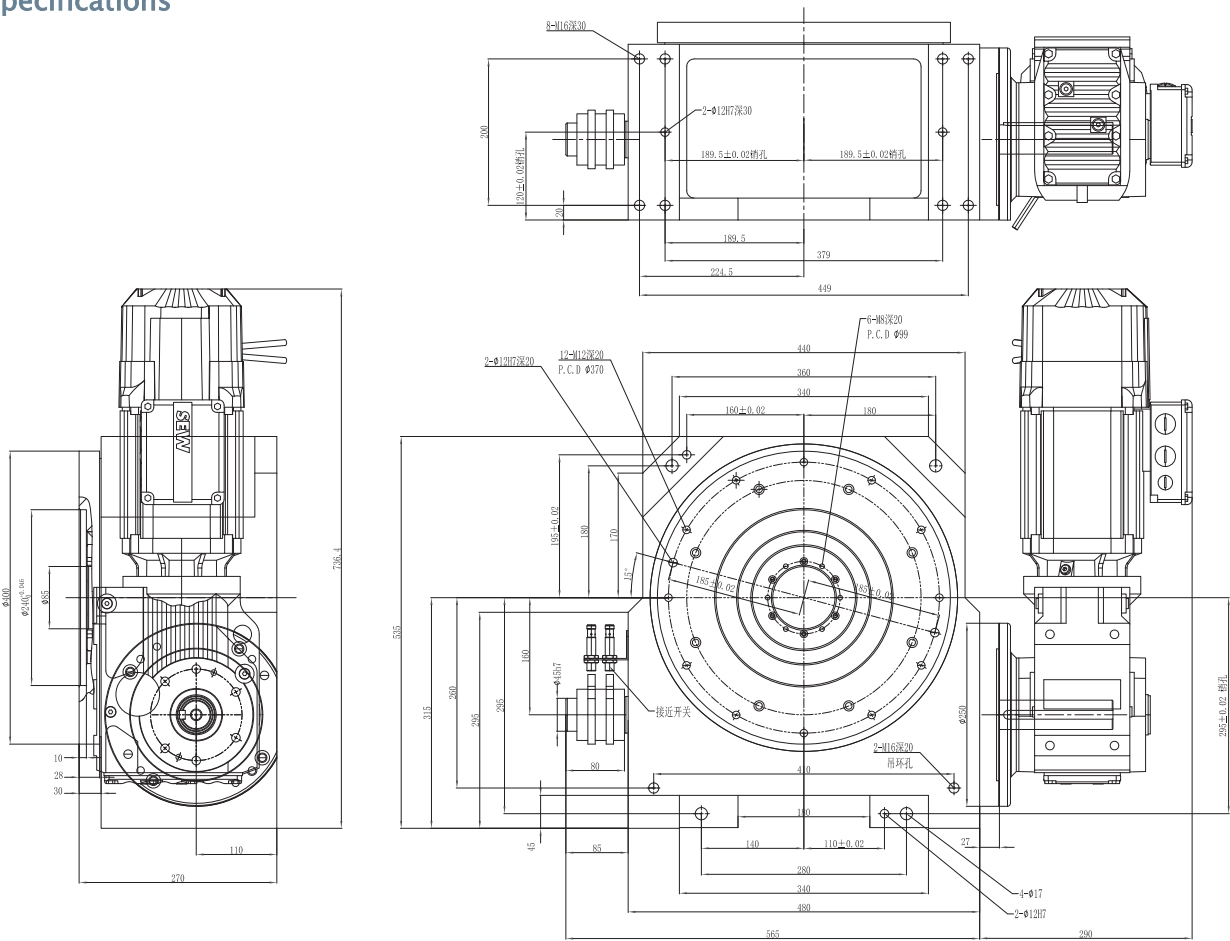
Technical Parameter

Dimensions	
Table diameter:	400 mm
Center aperture:	85 mm
Recommended diameter for rotation:	Max 2500 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	2, 3, 4, 6, 8, 10, 12, 16, 18, 20 Other indexing numbers are available upon request
Graduation accuracy:	±30" Or customized higher precision
Repetitive accuracy:	±10"
Weight (excluding motor):	270 kg
Motor installation position:	Right

Load Data	
Maximum allowable axial force:	20000 N
Allow maximum radial force:	18000 N
Maximum allowable tilting moment:	3000 Nm

*The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The above specifications and parameters are for reference only. Any further changes will not be notified.

In order to avoid any damages on the rotating indexing table, please obtain the depth data from us if hole-drilling is required

TC 500

Technical Parameter

Dimensions

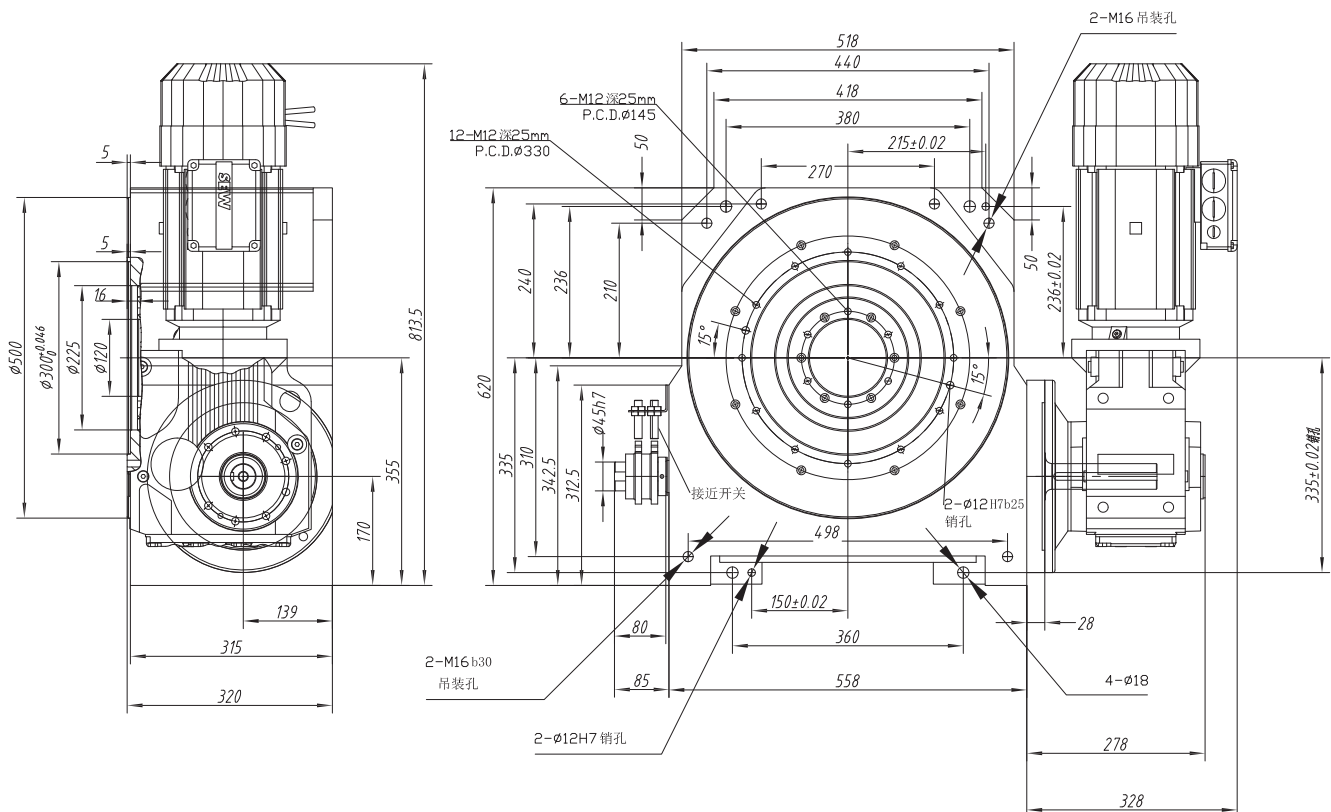
Table diameter:	500 mm
Center aperture:	120 mm
Recommended diameter for rotation:	Max 3500 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	2, 3, 4, 6, 8, 10, 12, 16, 18, 20 Other indexing numbers are available upon request
Graduation accuracy:	±30" Or customized higher precision
Repetitive accuracy:	±10"
Weight (excluding motor):	450kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	50000 N
Allow maximum radial force:	24000 N
Maximum allowable tilting moment:	6000 Nm

*The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The above specifications and parameters are for reference only. Any further changes will not be notified.

In order to avoid any damages on the rotating indexing table, please obtain the depth data from us if hole-drilling is required

TC 700

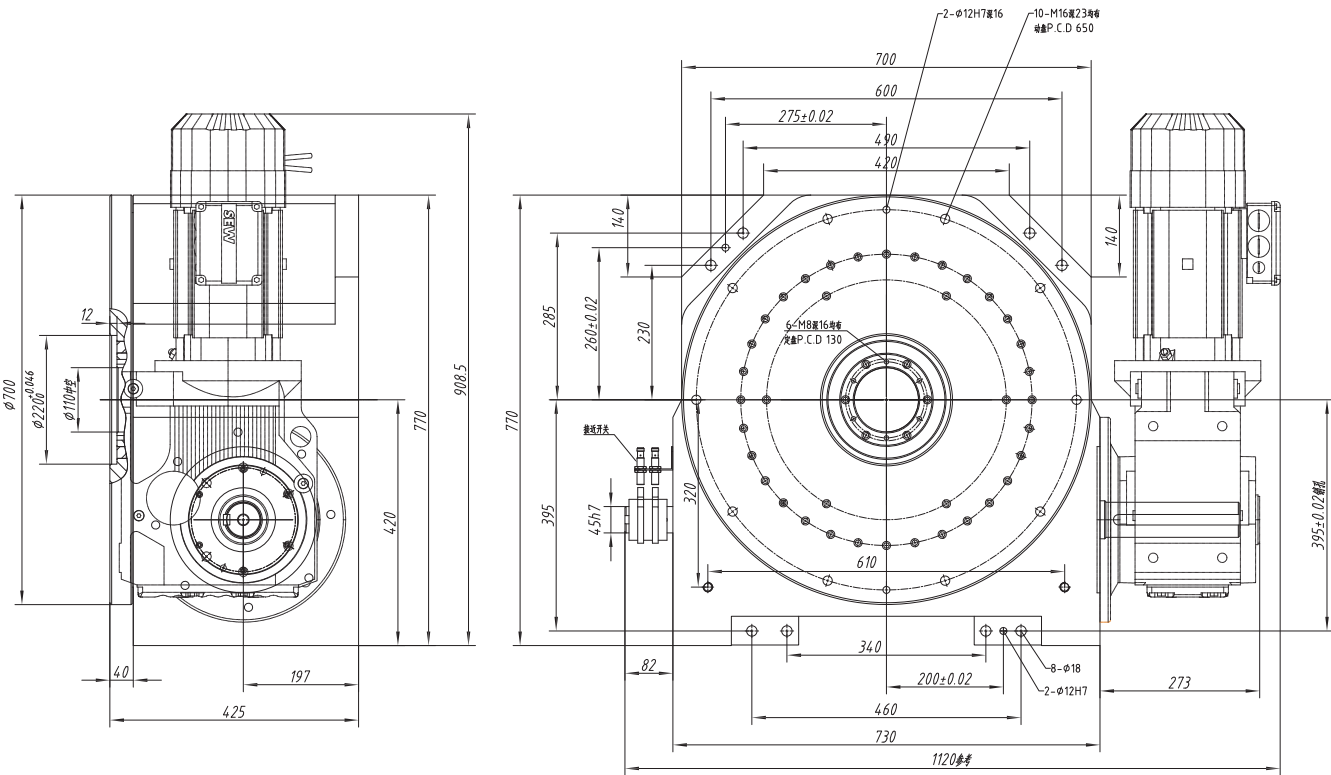
Technical Parameter

Dimensions	
Table diameter:	700 mm
Center aperture:	110 mm
Recommended diameter for rotation:	Max 4500 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
	2, 3, 4, 6, 8, 10, 12, 16, 18, 20
	Other indexing numbers are available upon request
Graduation accuracy:	±30" Or customized higher precision
Repetitive accuracy:	±10"
Weight (excluding motor):	800 kg
Motor installation position:	Right

Load Data	
Maximum allowable axial force:	90000 N
Allow maximum radial force:	45000 N
Maximum allowable tilting moment:	20000 Nm

*The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The above specifications and parameters are for reference only. Any further changes will not be notified.

In order to avoid any damages on the rotating indexing table, please obtain the depth data from us if hole-drilling is required

TC 860

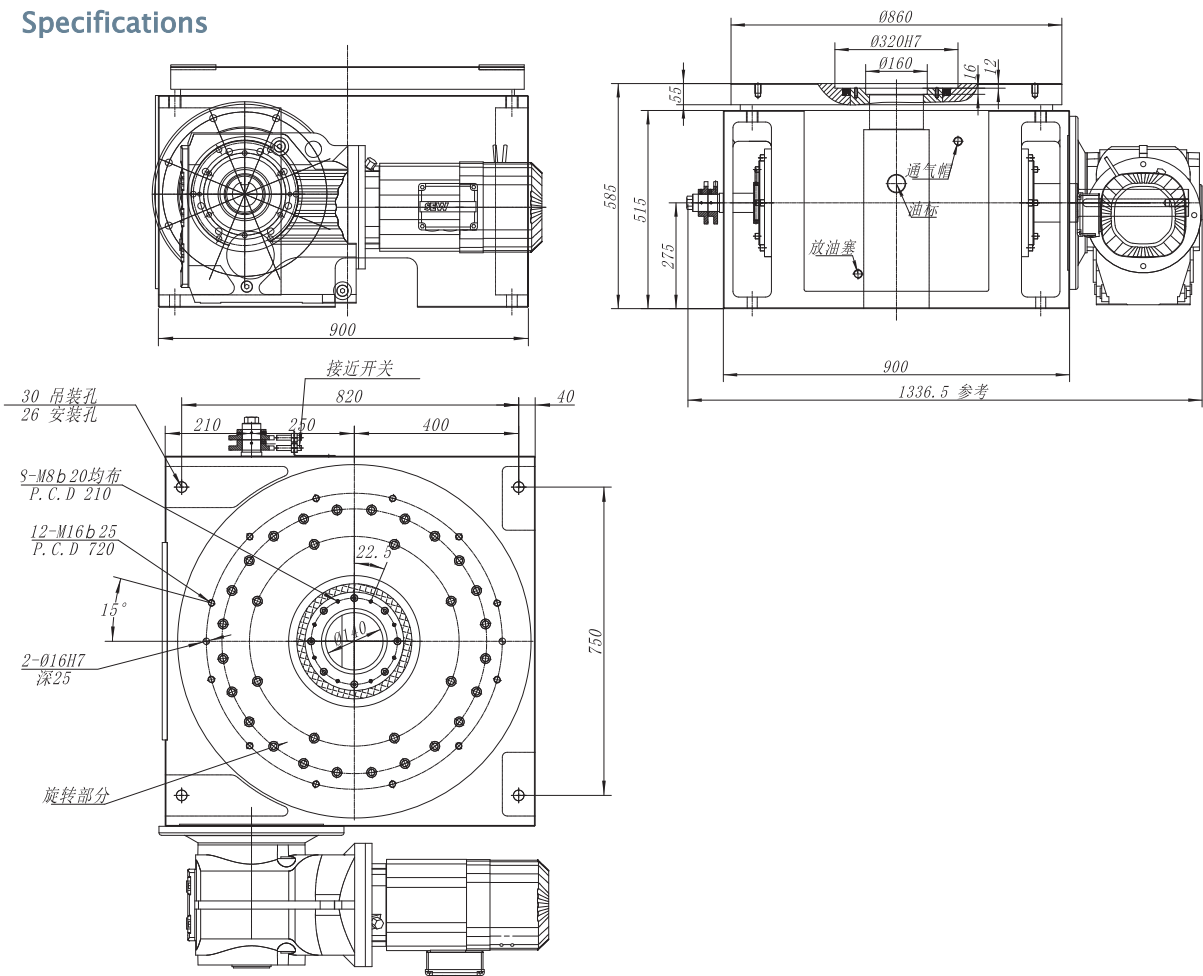
Technical Parameter

Dimensions	
Table diameter:	860 mm
Center aperture:	140 mm
Recommended diameter for rotation:	Max 5500 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating 2, 3, 4, 6, 8, 10, 12, 16, 18, 20 Other indexing numbers are available upon request
Graduation accuracy:	±30" Or customized higher precision
Repetitive accuracy:	±10"
Weight (excluding motor):	1000 kg
Motor installation position:	Right

Load Data	
Maximum allowable axial force:	10000 N
Allow maximum radial force:	80000 N
Maximum allowable tilting moment:	40000 Nm

*The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The above specifications and parameters are for reference only. Any further changes will not be notified.

In order to avoid any damages on the rotating indexing table, please obtain the depth data from us if hole-drilling is required

简单可靠

Reliable&simple

Order Form - TC Series Rotary Indexing Table

☐ Inquiry ☐ Order

Dear customer, thank you for choosing our TC series indexing tables. To ensure our supply is accurate, please fill out the following form:

Extra Processing Board

☐ Include in the order ☐ N/A

Material ☐ Aluminum ☐ Steel ☐ Other

Diameter: _____ mm Thickness: _____ mm Based on the moment of inertia, you need:

☐ Fastest dividing time _____

☐ Expected indexing time _____

Number of Workpieces and Fixtures

Quantity: _____

Weight per workstation _____ kg

Station gravity center diameter _____ mm

Colour

☐ RAL7035 (light gray - standard configuration)

☐ Special color RAL _____ (Additional fees required)

Electronic Control Data

Drive

☐ Beat Frequency: _____ Divisions /Minute

Motor

☐ Three phase 3x400/50HZ (standard)

☐ Other: _____ V/ _____ Hz

Brake

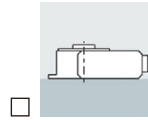
☐ Brake power supply 24 VDC (recommended)

☐ Other: _____ V

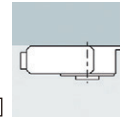
Electronic contactor is highly advised!

☐ Electronic contactor

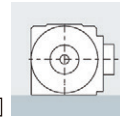
Index Table Mounting Method



standard

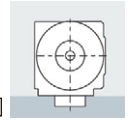


invert



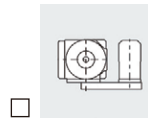
Vertical

(Drive on the right side) (Drive at the bottom)

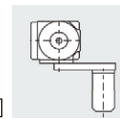


Vertical

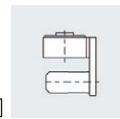
Motor Mounting Position



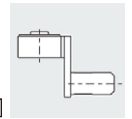
inner side



outer side



Inner
bottom



Outer
bottom

Used for technical inquiries

Company Name: _____

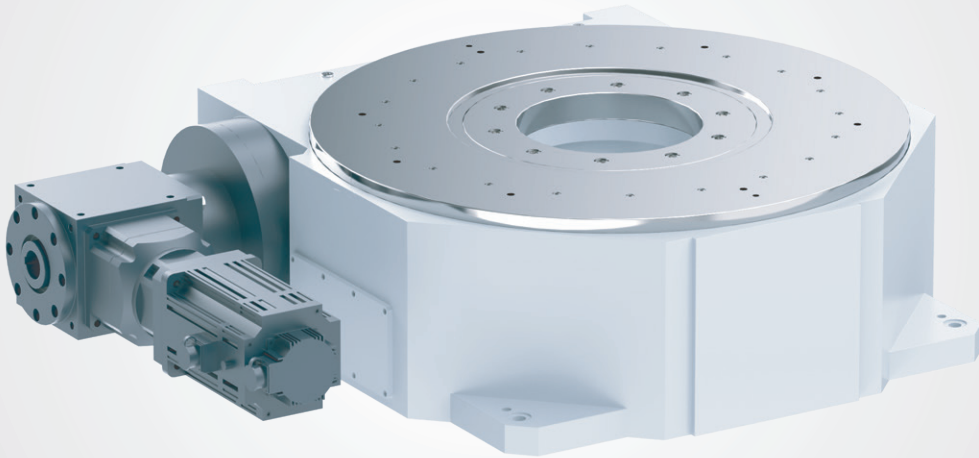
Contact Person: _____

Department: _____

Required Delivery Date: _____

TEL: _____ FAX: _____

Email: _____



CR programmable rotary indexing table

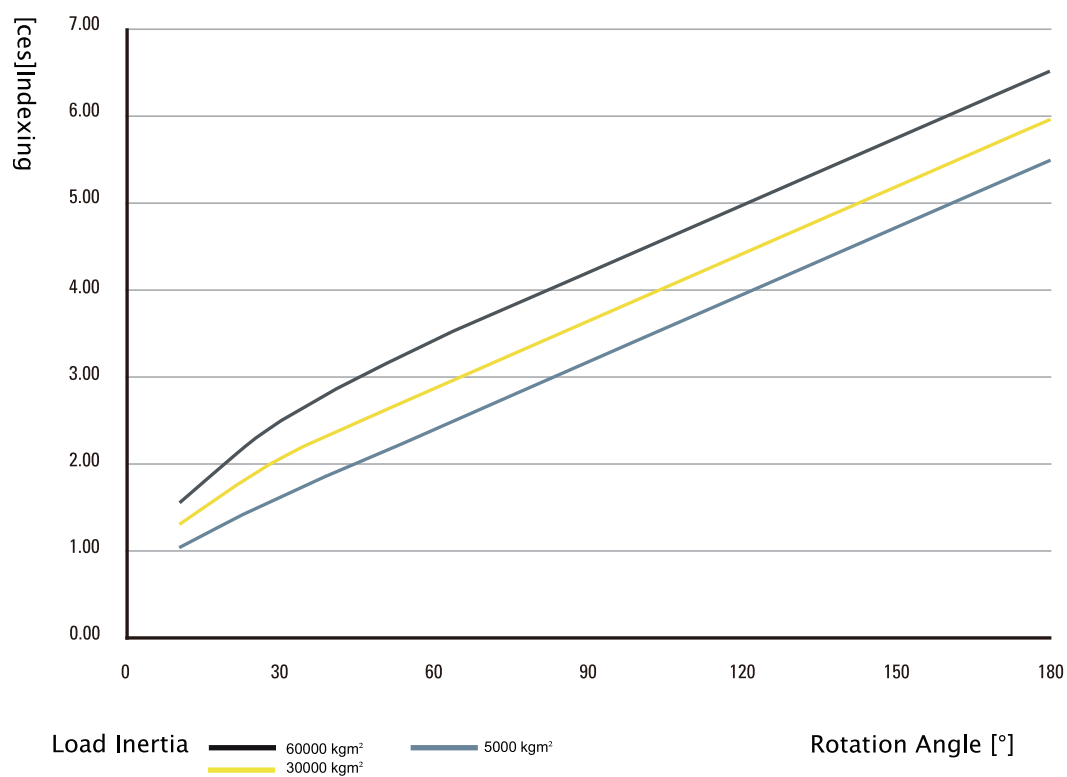
Lightweight and heavy load ,and external drive,High precision and high performance.

User-programmable, with flat design and reserved middle opening, ensuring sufficient space for further design.

Advantages

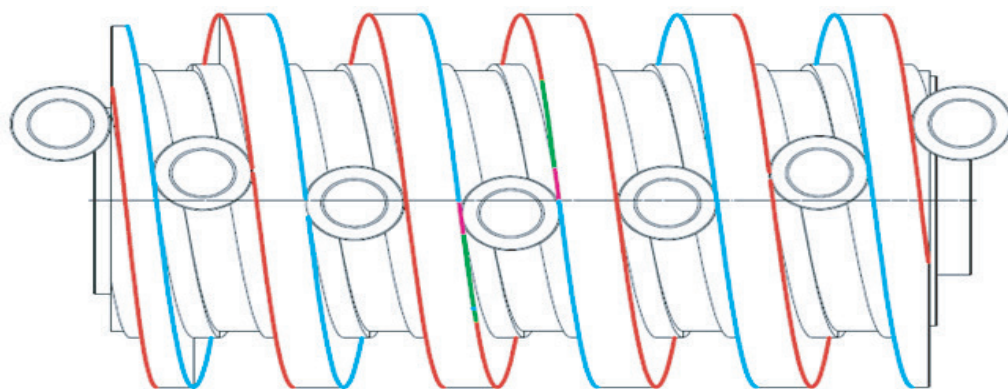
- Large center hole for opening and wiring
- Ultra-smooth design, noise-free (<70 decibels)
- Flexible motor flange protocols, easy connection with third-party motors
- High-strength components and high repeatability accuracy
- Multiple drive wheels and camshafts closely mesh with each other

Drive time when using standard configuration (For other configurations, please consult with us)



Technology makes difference

External drive, with high precision and high dynamism. Optional third-party motor.



CR 150

Technical Parameter

Dimensions

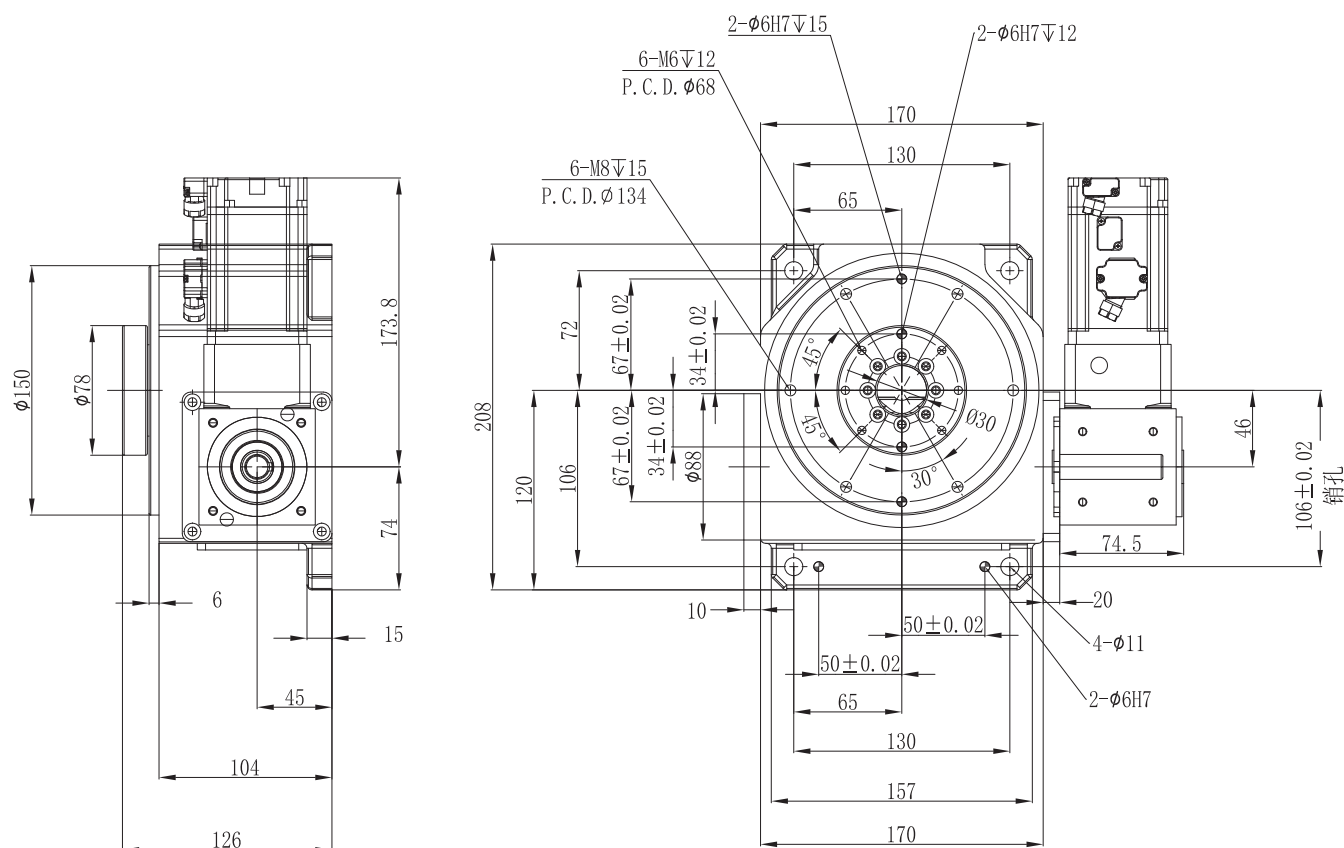
Table diameter:	150 mm
Center aperture:	30 mm
Rotation direction:	Clockwise, counterclockwise, reciprocating
Divisions:	Any Angle
Graduation accuracy:	$\pm 15''$ Or customized higher precision
Repetitive accuracy:	$\pm 10''$
Reduction ratio:	1: 12
Weight (excluding motor):	24 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	5500 N
Allow maximum radial force:	6000 N
Maximum allowable tilting moment:	500 Nm
Maximum Tangential Torque:	300 Nm

When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

CR 220

Technical Parameter

Dimensions

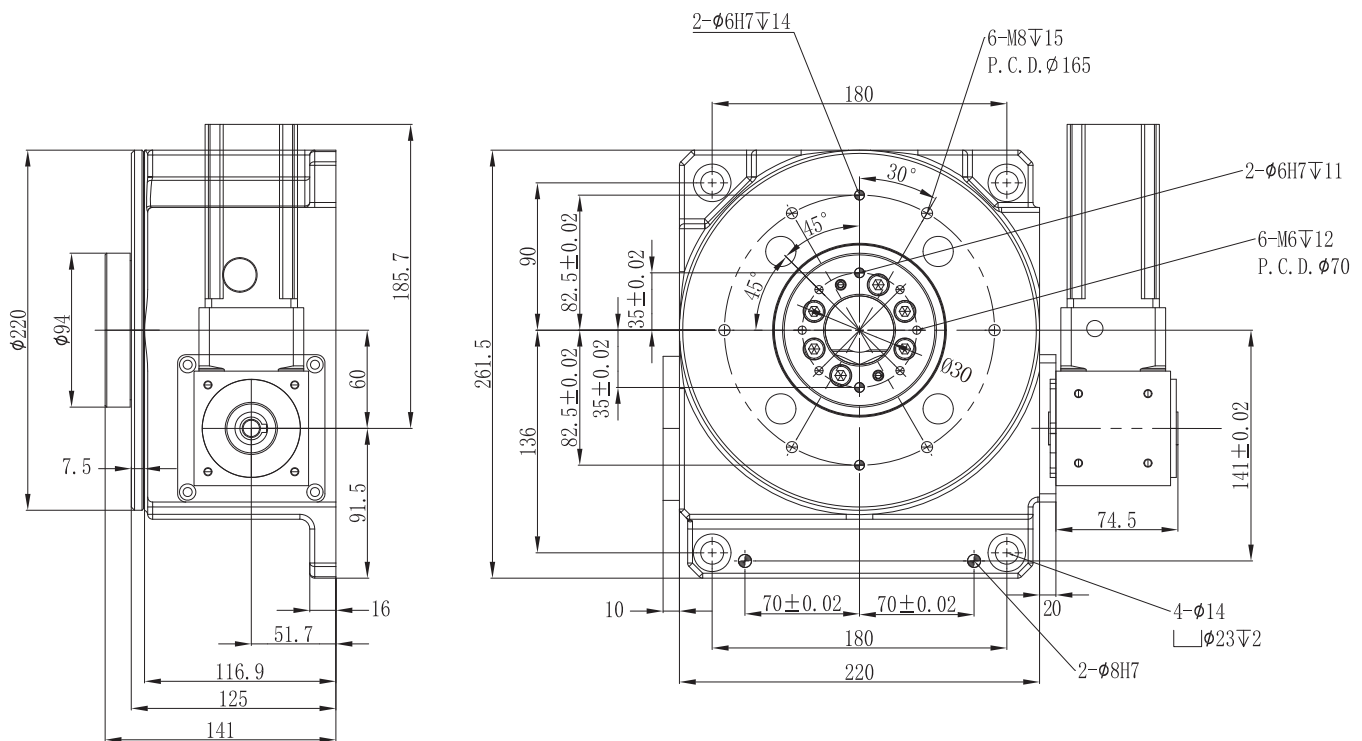
Table diameter:	220 mm
Center aperture:	30 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	Any Angle
Graduation accuracy:	±15" Or customized higher precision
Repetitive accuracy:	±10"
Reduction ratio:	1: 12
Weight (excluding motor):	40 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	7500 N
Allow maximum radial force:	8000 N
Maximum allowable tilting moment:	700 Nm
Maximum Tangential Torque:	400 Nm

When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

CR 320

Technical Parameter

Dimensions

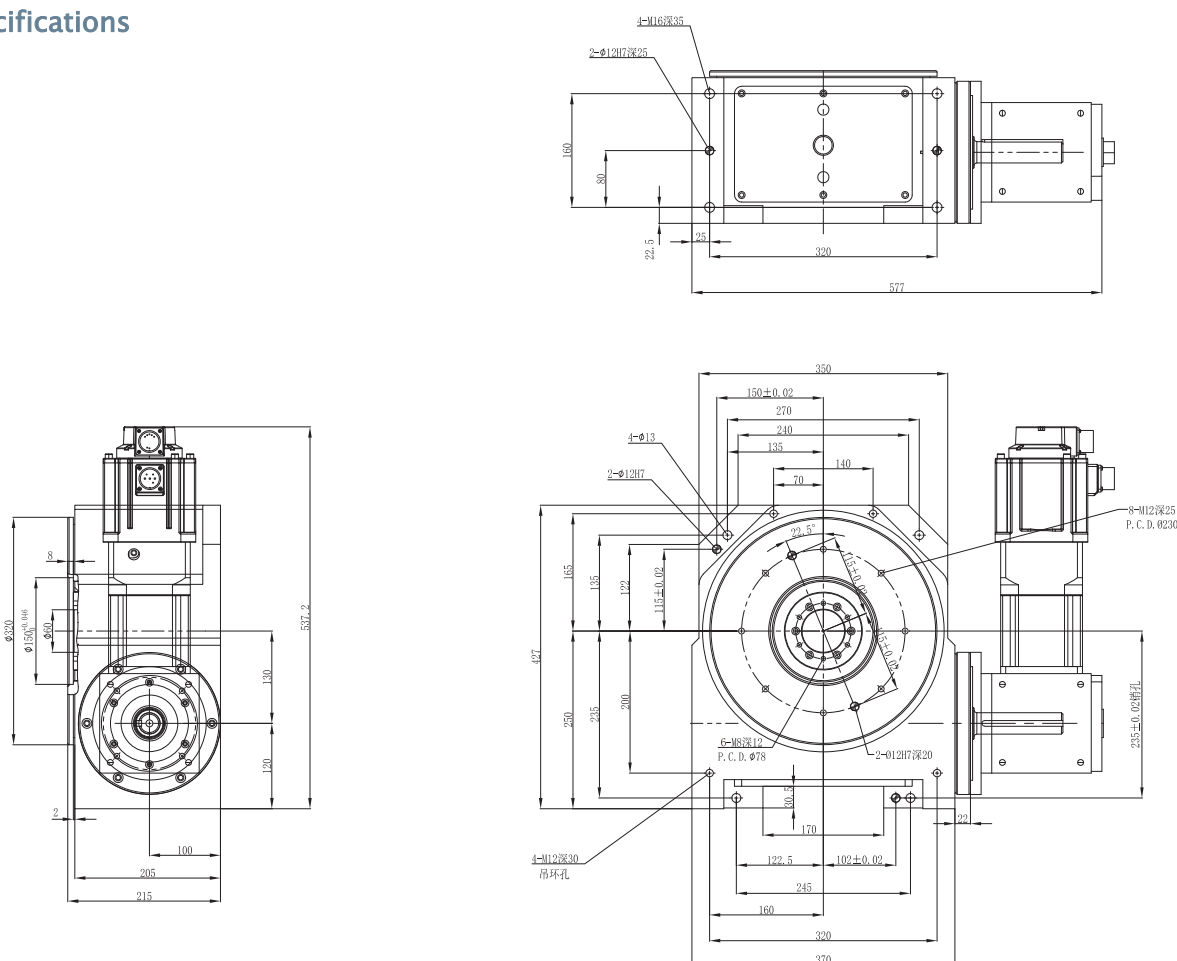
Table diameter:	320 mm
Center aperture:	60 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	Any Angle
Graduation accuracy:	$\pm 15''$ Or customized higher precision
Repetitive accuracy:	$\pm 10''$
Reduction ratio:	1: 12
Weight (excluding motor):	450 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	15000 N
Allow maximum radial force:	1200 N
Maximum allowable tilting moment:	2200 Nm
Maximum Tangential Torque:	1000 Nm

When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

CR 400

Technical Parameter

Dimensions

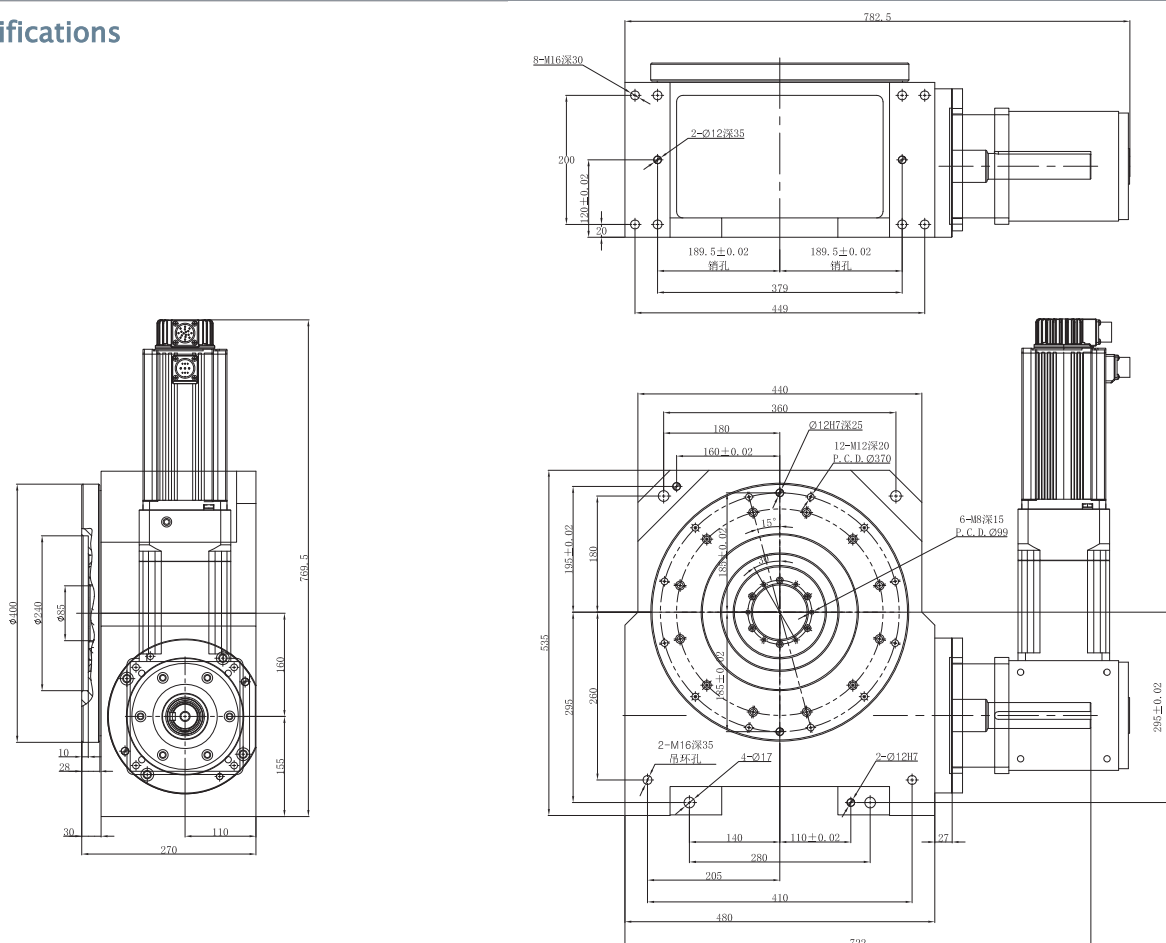
Table diameter:	150 mm
Center aperture:	85 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	Any Angle
Graduation accuracy:	$\pm 15''$ Or customized higher precision
Repetitive accuracy:	$\pm 10''$
Reduction ratio:	1: 12
Weight (excluding motor):	270 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	20000 N
Allow maximum radial force:	18000 N
Maximum allowable tilting moment:	3000 Nm
Maximum Tangential Torque:	2000 Nm

When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

CR 500

Technical Parameter

Dimensions

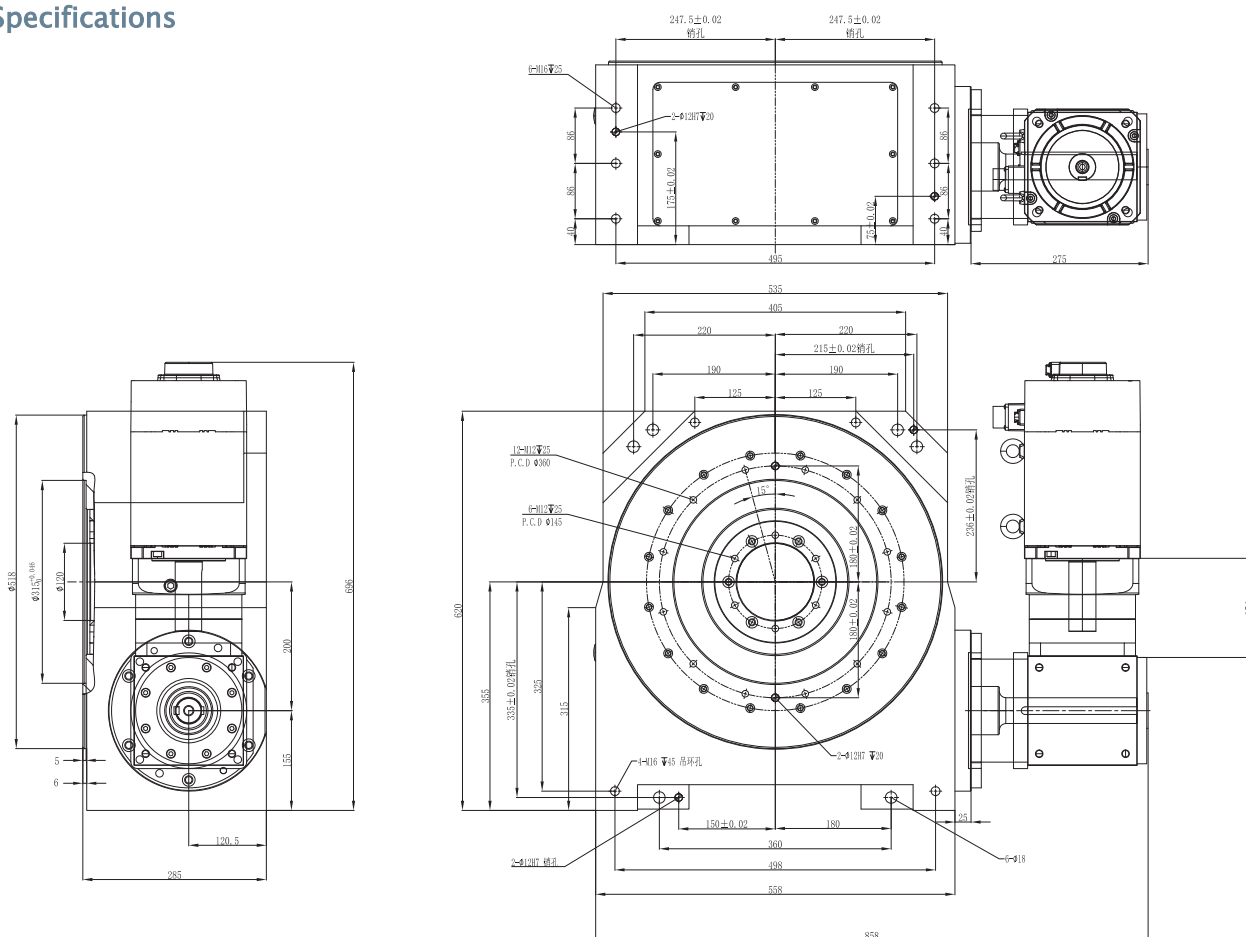
Table diameter:	500 mm
Center aperture:	140 mm
Rotation direction:	Clockwise, counterclockwise, reciprocating
Divisions:	Any Angle
Graduation accuracy:	$\pm 15''$ Or customized higher precision
Repetitive accuracy:	$\pm 10''$
Reduction ratio:	1: 16
Weight (excluding motor):	480 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	90000 N
Allow maximum radial force:	50000 N
Maximum allowable tilting moment:	2500 Nm
Maximum Tangential Torque:	4000 Nm

When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

CR 700

Technical Parameter

Dimensions

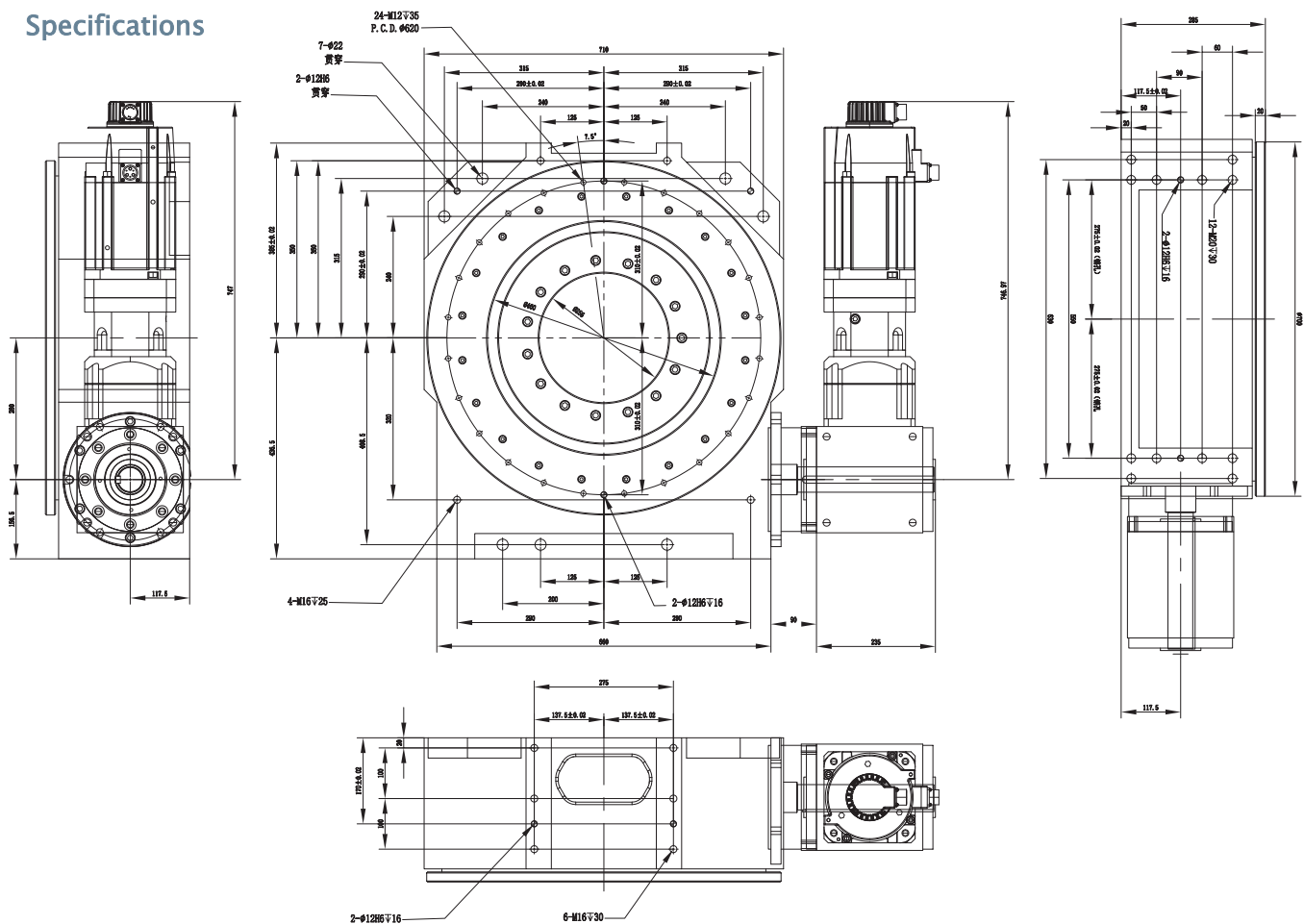
Table diameter:	700 mm
Center aperture:	256 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	Any Angle
Graduation accuracy:	±15" Or customized higher precision
Repetitive accuracy:	±10"
Reduction ratio:	1：20
Weight (excluding motor):	700 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	135000 N
Allow maximum radial force:	80000 N
Maximum allowable tilting moment:	60000 Nm
Maximum Tangential Torque:	10000 Nm

When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

CR 1000

Technical Parameter

Dimensions

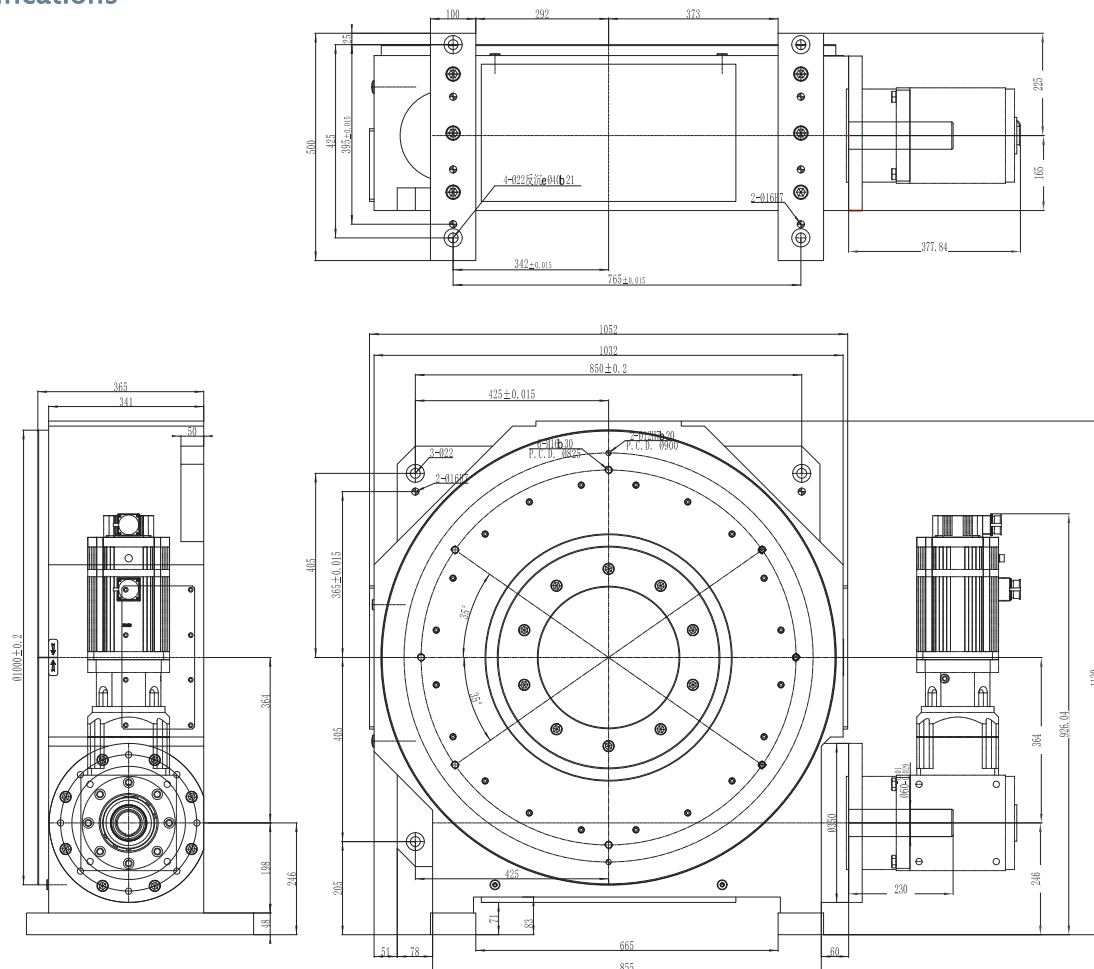
Table diameter:	1000mm
Center aperture:	310 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	Any Angle
Graduation accuracy:	$\pm 15''$ Or customized higher precision
Repetitive accuracy:	$\pm 10''$
Reduction ratio:	1: 20
Weight (excluding motor):	1500 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	200000 N
Allow maximum radial force:	110000 N
Maximum allowable tilting moment:	90000 Nm
Maximum Tangential Torque:	22000 Nm

When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

CR 1300

Technical Parameter

Dimensions

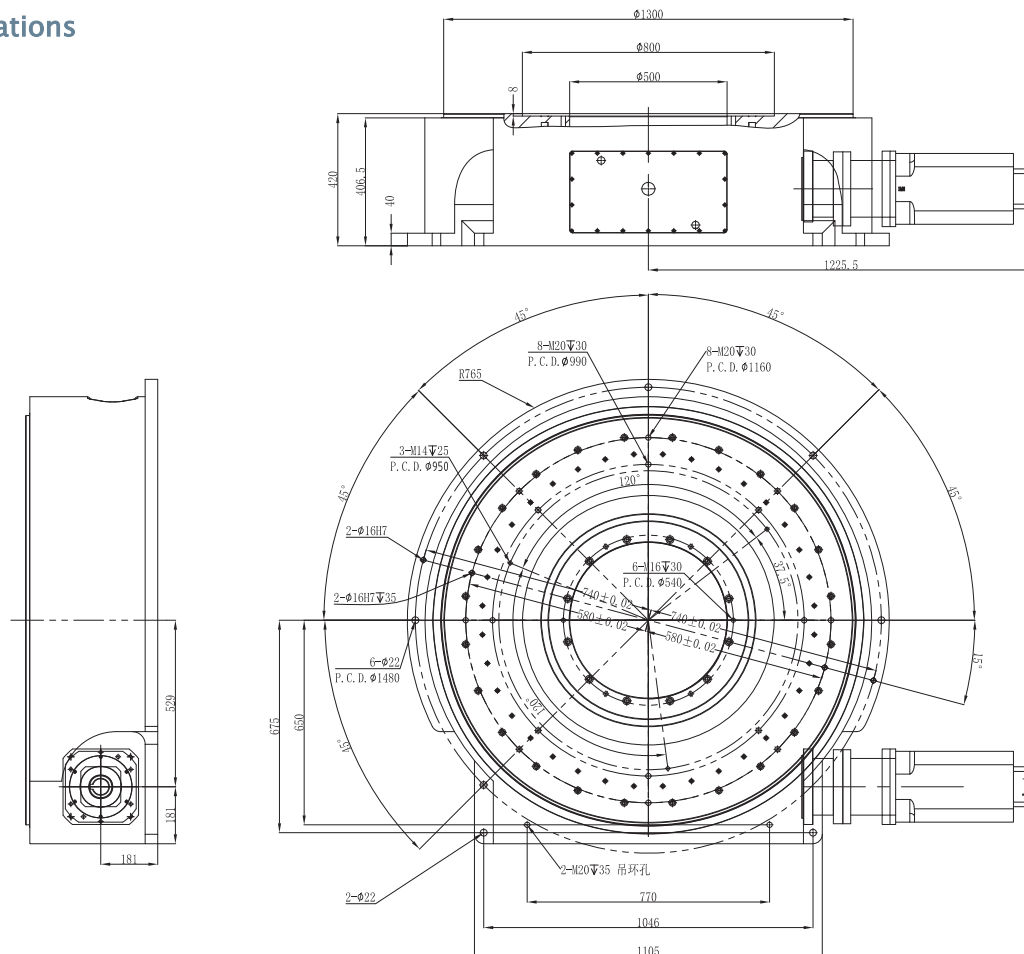
Table diameter:	1300 mm
Center aperture:	500 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	Any Angle
Graduation accuracy:	$\pm 15''$ Or customized higher precision
Repetitive accuracy:	$\pm 10''$
Reduction ratio:	1: 36
Weight (excluding motor):	3000 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	300000 N
Allow maximum radial force:	160000 N
Maximum allowable tilting moment:	280000 Nm
Maximum Tangential Torque:	40000 Nm

When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

CR 2000

Technical Parameter

Dimensions

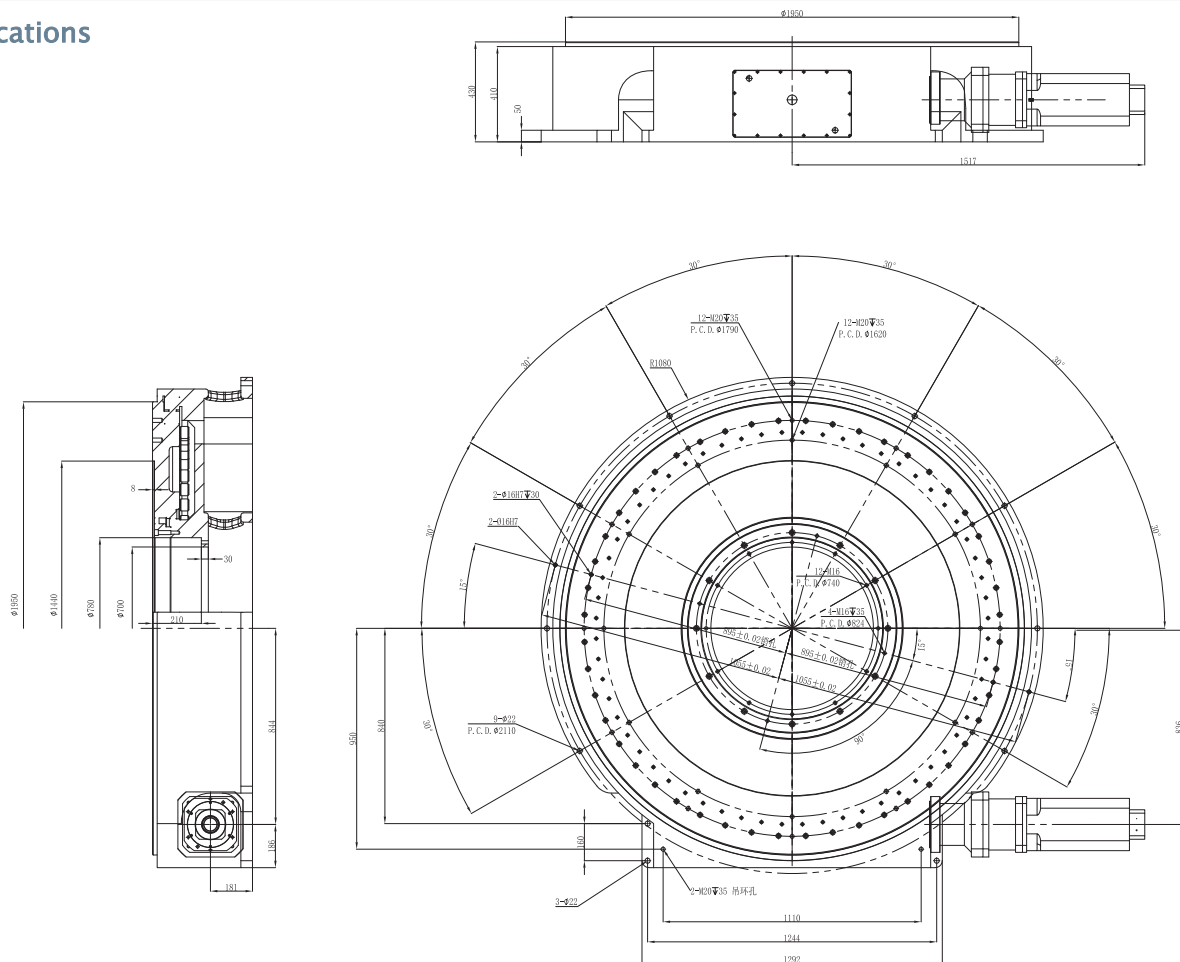
Table diameter:	2000 mm
Center aperture:	700 mm
Rotation direction:	Clockwise、counterclockwise、reciprocating
Divisions:	Any Angle
Graduation accuracy:	±15" Or customized higher precision
Repetitive accuracy:	±10"
Reduction ratio:	1： 36
Weight (excluding motor):	4000 kg
Motor installation position:	Right

Load Data

Maximum allowable axial force:	400000 N
Allow maximum radial force:	200000 N
Maximum allowable tilting moment:	1000000 Nm
Maximum Tangential Torque:	60000 Nm

When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Specifications



The dimensions of the above-mentioned maximum rotating disc tooling plate are for reference only; When selecting the indexing table model, the actual effective inertia radius of the application must be taken into consideration.

Order Form – CR Series Rotary Indexing Table

☐ Inquiry ☐ Order

Dear customer, thank you for choosing our TC series indexing tables. To ensure our supply is accurate, please fill out the following form:

Dividing Time

Calculate your required time based on moment of inertia

- ☐ Shortest Indexing Time
☐ Expected Indexing Time: _____ sec
☐ Rotation Angle _____ °
☐ Pause Time: _____ sec

Colour

- ☐ RAL7035 light gray - standard configuration
☐ Special color RAL___ (Additional fees required)

Base Colour

- ☐ RAL7035 light gray - standard configuration ☐ Special color RAL___ (Additional fees required)

Choosing your CR turntables

The following are the basic configuration parameters used to calculate the moment of inertia of the rotating indexing table.

Plate Installation

Diameter: _____ m
Thickness: _____ Mm
Material: ☐ Aluminum ☐ Steel ☐ Other _____

Please provide a drawing to illustrate the installation of the load on the turntable.

Total moment of inertia: ___kgm*2(Including indexing plate and tooling)

Number of workpieces and fixtures

Quantity: _____
Weight per workstation: _____ kg
Station gravity center diameter: _____ Mm

Electrical Data

- ☐ Control System
Servo motor, driver
Cable length: ☐ 5 m ☐ 10 m ☐ 15 m ☐ 20 m ☐ 25 m
☐ Handheld Portable Terminal (optional)
User Interface
☐ Digital I/O ☐ PROFINET
☐ profibus-DP ☐ EtherCAT
☐ EtherNet/IP (Rockwell)

- ☐ Third-party motors and drivers***
☐ Self installation***

*** Please provide motor flange drawings

Vendor: _____

Model: _____

Used for technical inquiries

Company Name: _____
Contact Person: _____
Department: _____

Required Delivery Date: _____
TEL: _____ FAX: _____
Email: _____





- NANJING • VIETNAM
- SUZHOU • GERMANY
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