

GOIZPER

YOUR PARTNER
IN POWER TRANSMISSION

ZPGI

Servo rotary tables

ZPGI 600 - 800 - 900 - 1200 - 1400 - 1660 - 2400 - 3400



GOIZPER INDUSTRIAL IS ONE OF THE LEADING TECHNOLOGICAL COMPANIES OFFERING GLOBAL SOLUTIONS IN POWER TRANSMISSION

Index Rotary Tables, Roller cams and Barrell cam indexers, Brakes, Clutches, Clutch-brakes, Gear Boxes, etc.

Goizper **designs, manufactures and markets** customised power transmission and solutions to meet different market needs in sectors and applications like metal forming, **automotive**, aeronautics, **packaging**, **automation**, construction, marine, machine tools, etc.

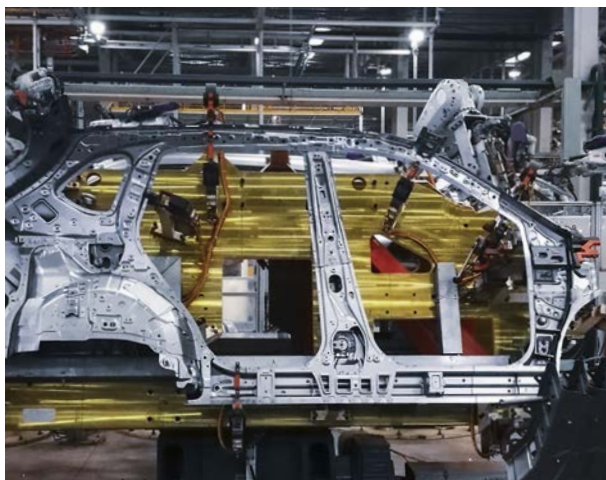
More than 60 years working alongside customers, studying the market and investigating solutions allow GOIZPER to offer the **greatest technological expertise**, which is one of its distinctive strengths.

Our aim is to **grow with customers by offering them intelligent** and global solutions for every need.

Having its own **highly qualified** production team is an important competitive advantage that gives great autonomy and **flexibility**.

Constant research, innovation and a focus on quality are the basis of GOIZPER's strategy and what makes its range of products special.

The strong investment in machinery and manufacturing programs, as well as the improvement and optimisation of its production line, ensure that Goizper equipment matches the quality that customers expect.



GOIZPER INDEXERS has its own engineering and specific software for choosing the **most suitable cam** for each application, studying the different possible **mechanical and electronic variants**, and adapting the indexers to the customer's needs.



The wide range of index units (such as flexible rotary tables, fixed stops, parallel shafts cams, oscillating globoidal indexers...) allows Goizper to fulfil customers accuracy, repeatability, and efficiency needs.

ZPGI - SERVO FLEXIBLE ROTARY TABLES

Our range of ZPGI servo indexers are ideal for heavy loads and large equipment application with zero backlash, precise positioning and flexible rotation.

Goizper ZPGI design provides characteristics as:

- > High **accuracy** and **repeatability**
- > **Flexible indexing** by servo control
- > **Servo motor** can be **chosen** by the customers
- > **Large central opening** for cable entries
- > Low working height due to **flat design**
- > **Zero backlash**
- > Cam follower position with wide radius to provide **high rigidity**
- > **Freely programmable** by servo motor control
- > **Short emergency stop** time available
- > **Easy to replace** cam rollers once installed

Application sectors:



AUTOMOTIVE

Rotary units for welding cells, Roller hemming cells, Batteries assembly...



PACKAGING

Rotary units for dispensers, Filling machines, Horizontal Form Fill Seal Machines...



ASSEMBLY

Rotary units for Automatic Assembly, Testing machines, Control & Marking machines...



PHARMACY

Rotary units for labelling, Blister Packs, Vial Treatment...



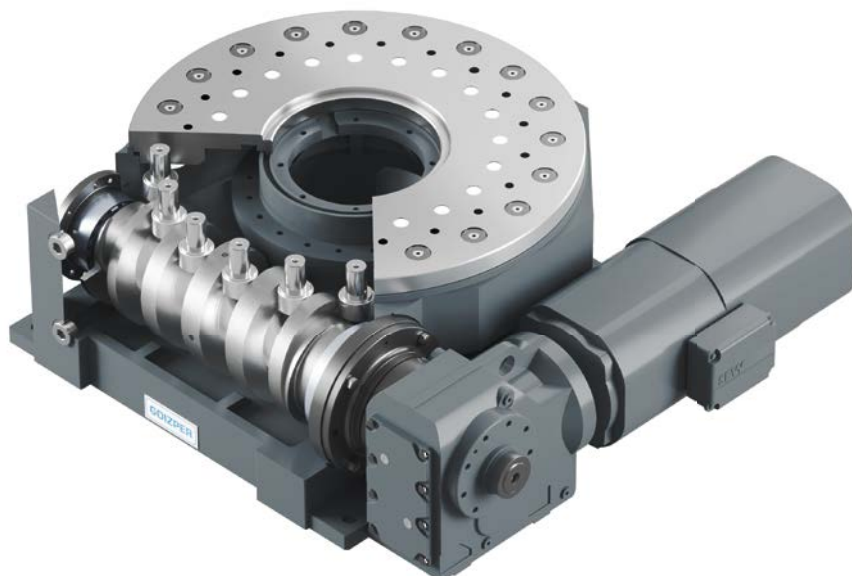
FOOD & BEVERAGE

Rotary units for food processing & treatment, Manufacturing of cans...

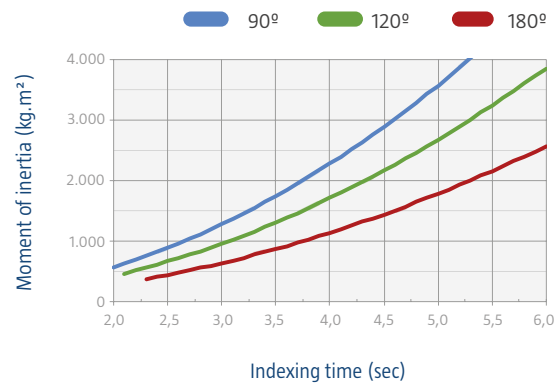
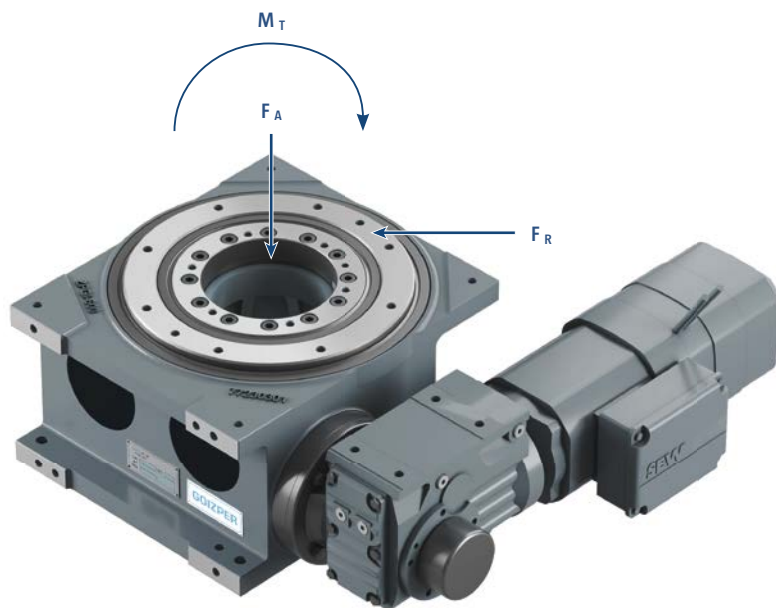


OTHER SECTORS

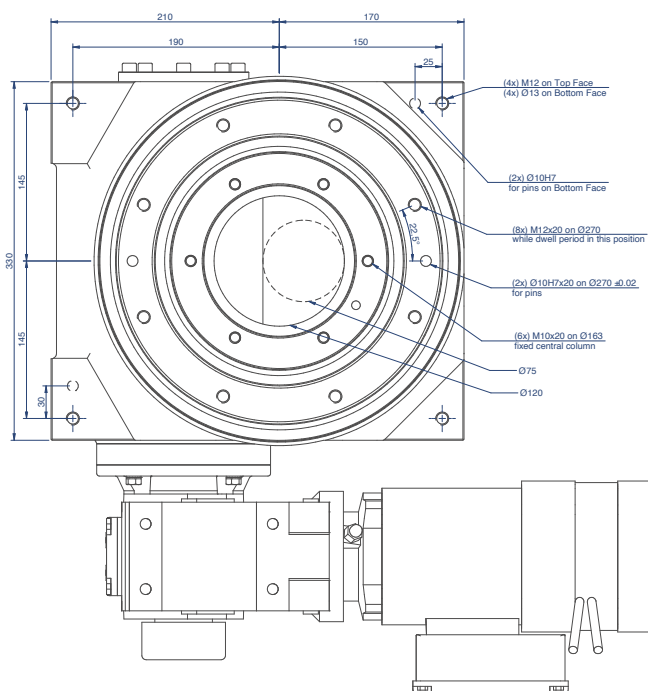
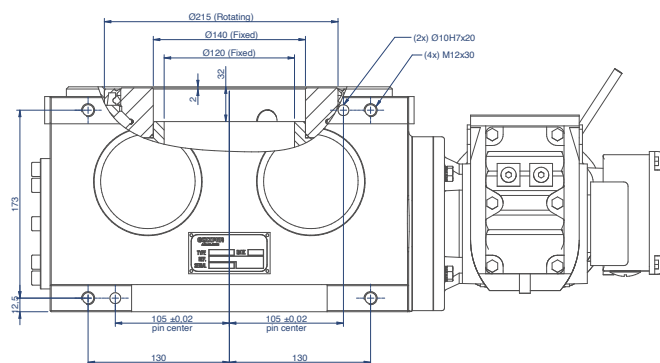
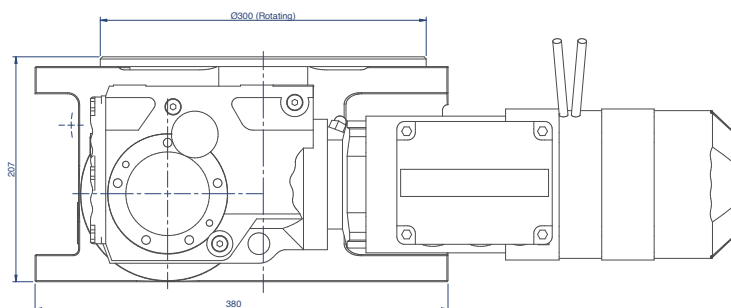
Aeronautic, Printing, Cosmetics, Rubber & Plastic, Paper & Carton...



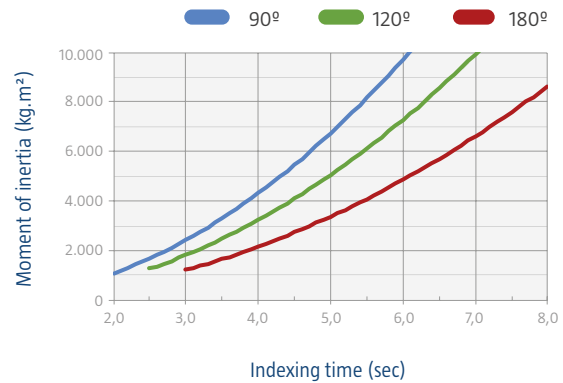
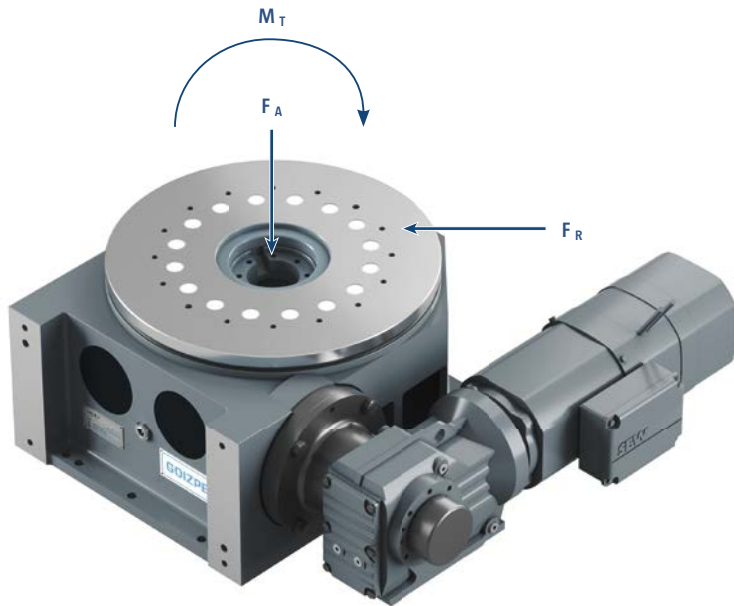
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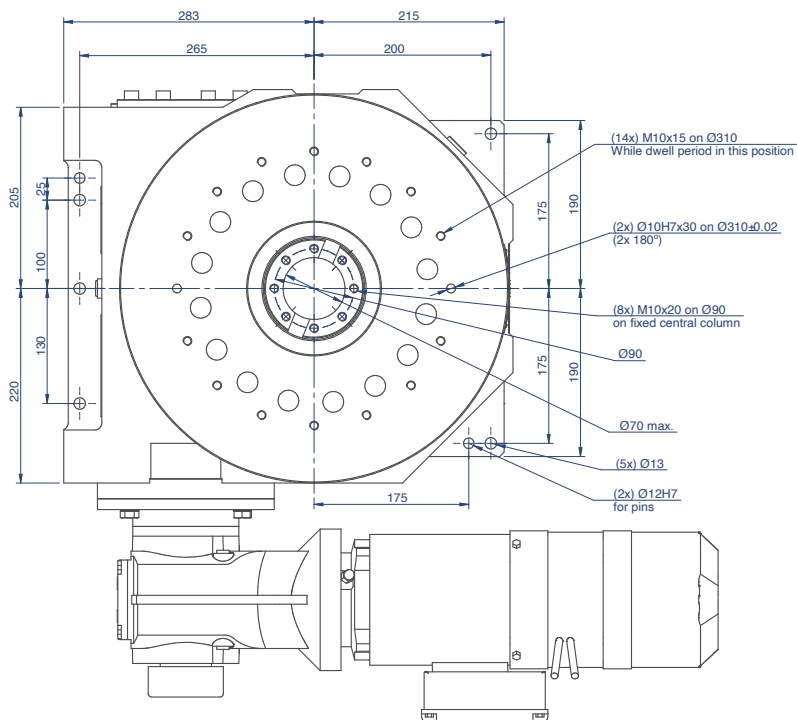
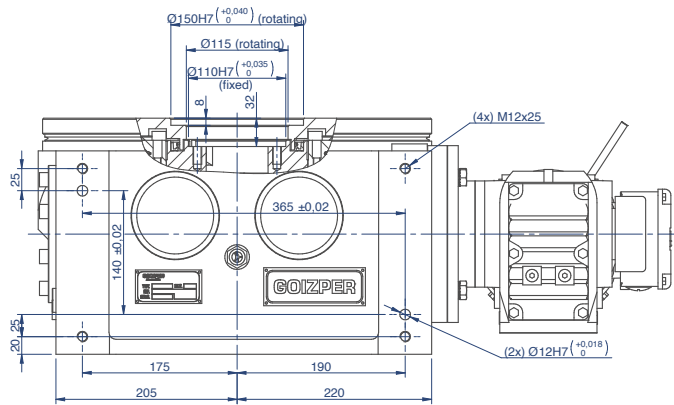
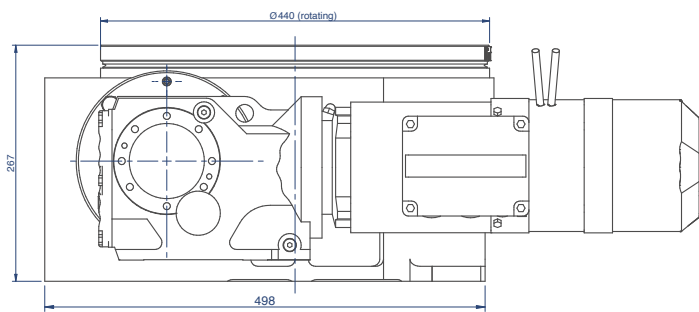
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Recommended tilting torque (M_T)	5.500 Nm
Recommended radial load (F_R)	16.000 N
Weight with motoreducer	≈ 130 Kg



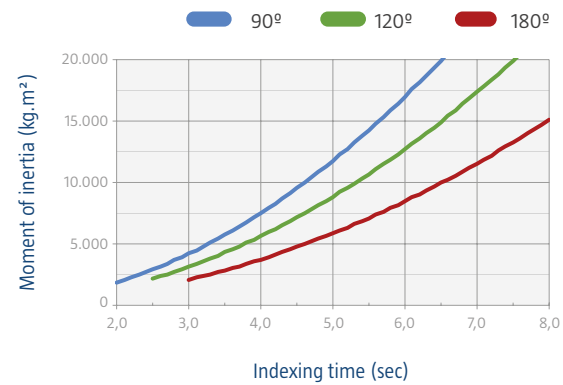
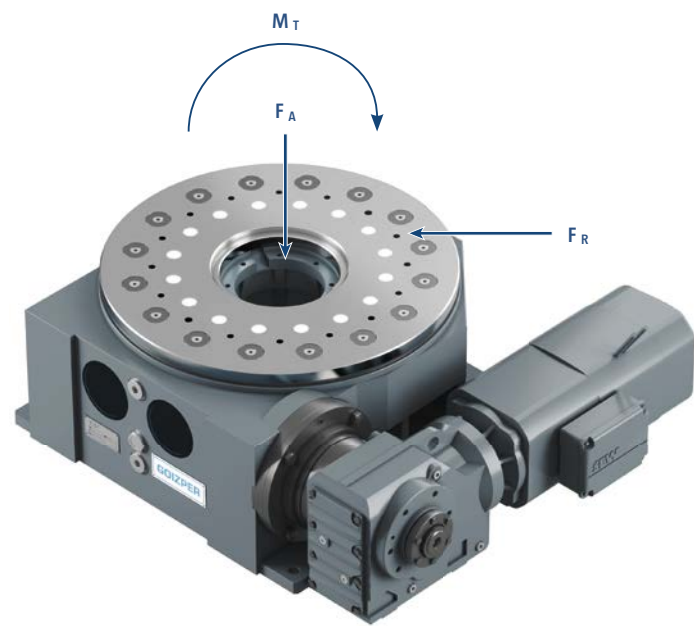
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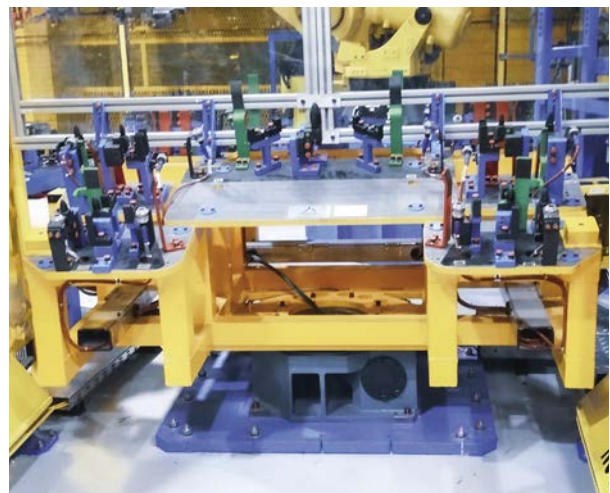
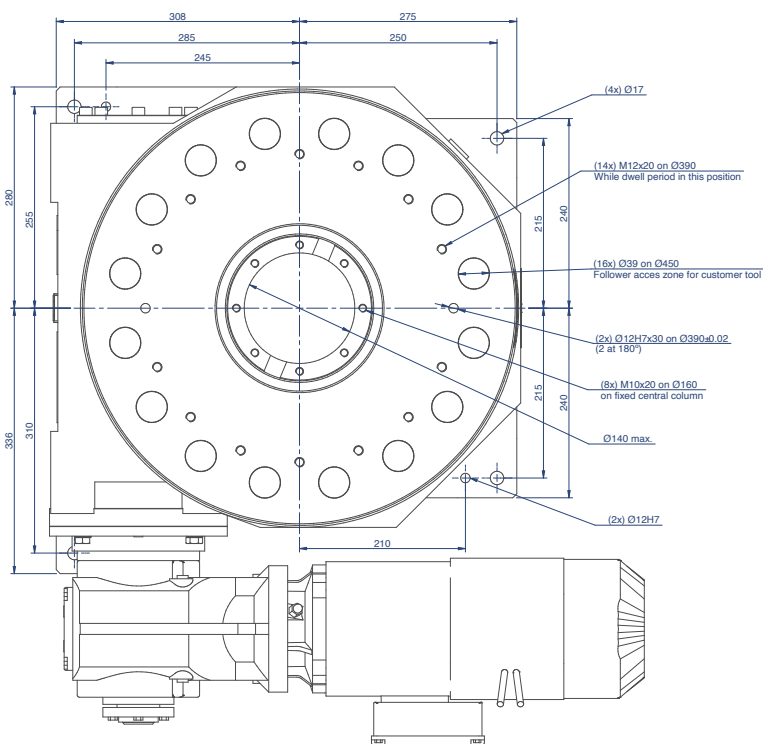
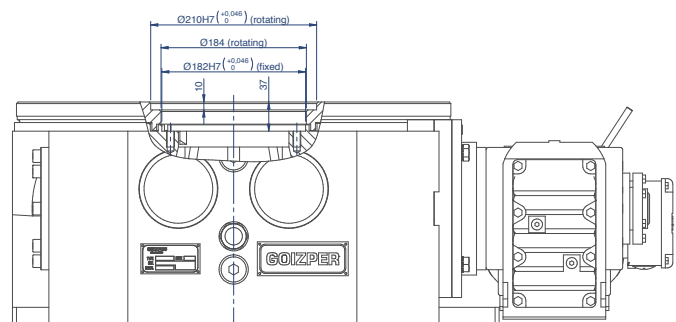
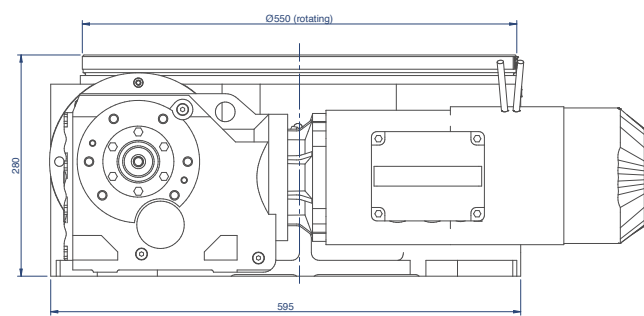
Recommended axial load (F_A)	35.000 N
Recommended tilting torque (M_T)	8.700 Nm
Recommended radial load (F_R)	20.000 N
Weight with motoreducer	≈ 240 Kg



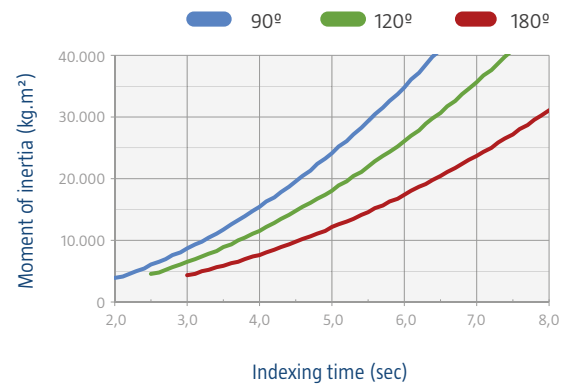
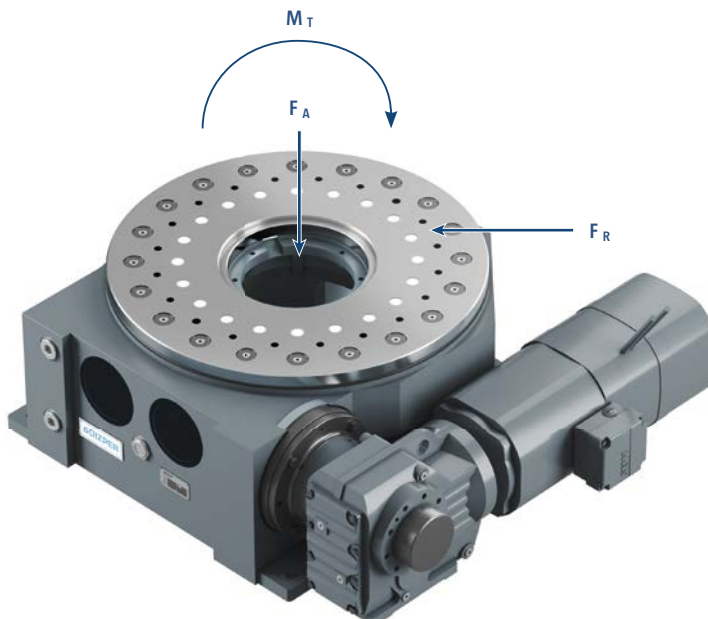
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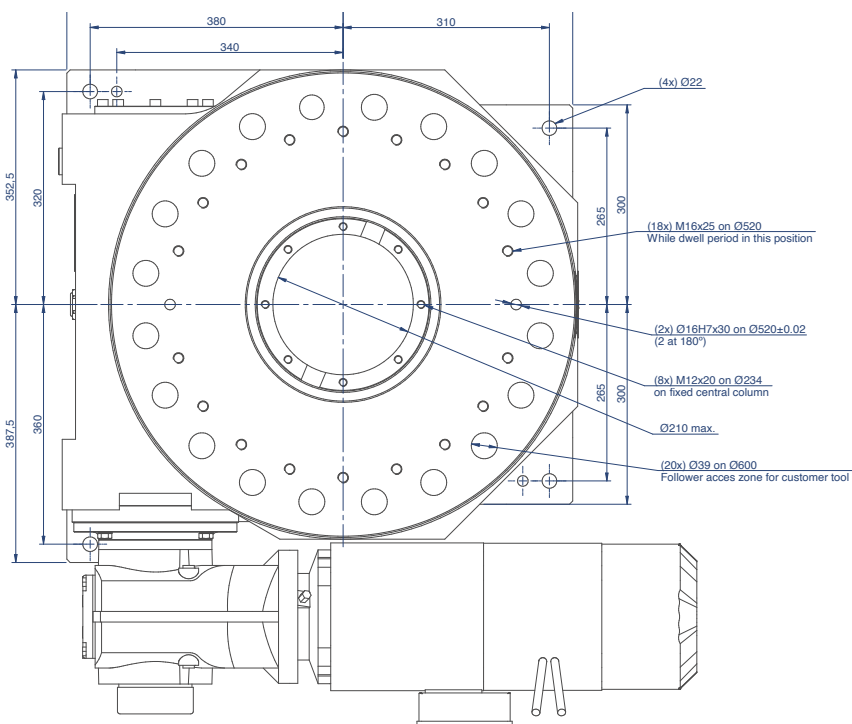
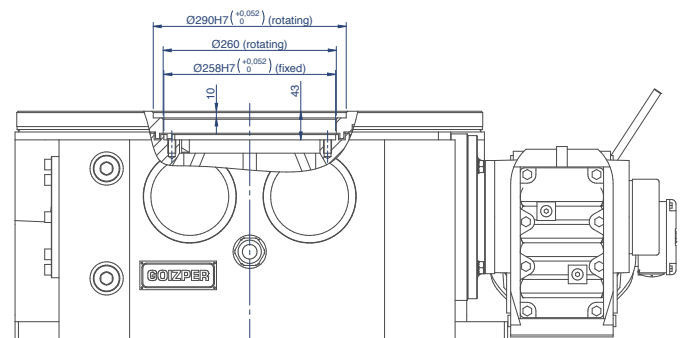
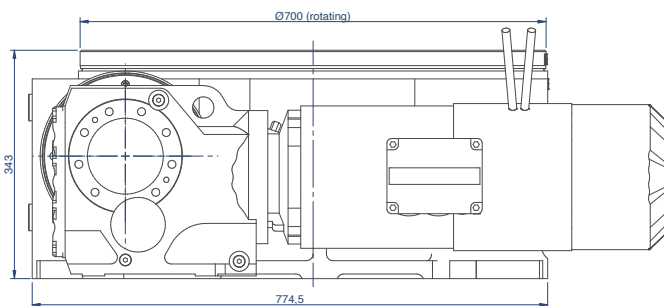
Recommended axial load (F _A)	50.000 N
Recommended tilting torque (M _T)	12.000 Nm
Recommended radial load (F _R)	23.000 N
Weight with motoreducer	≈ 370 Kg



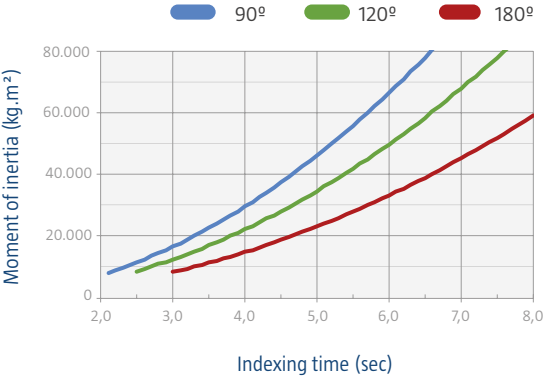
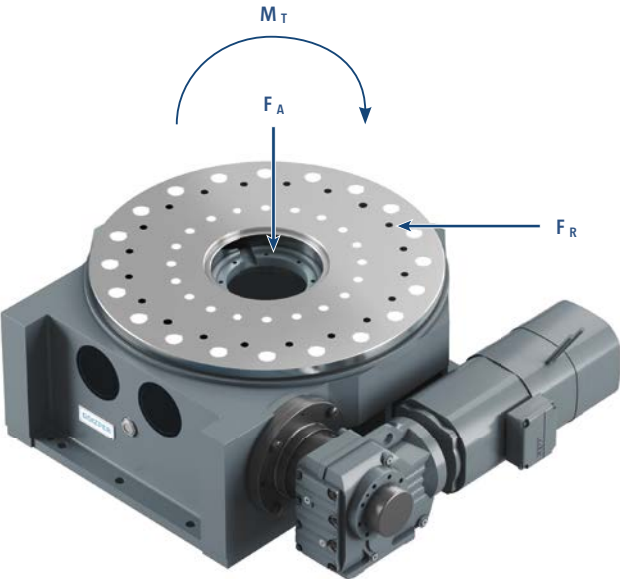
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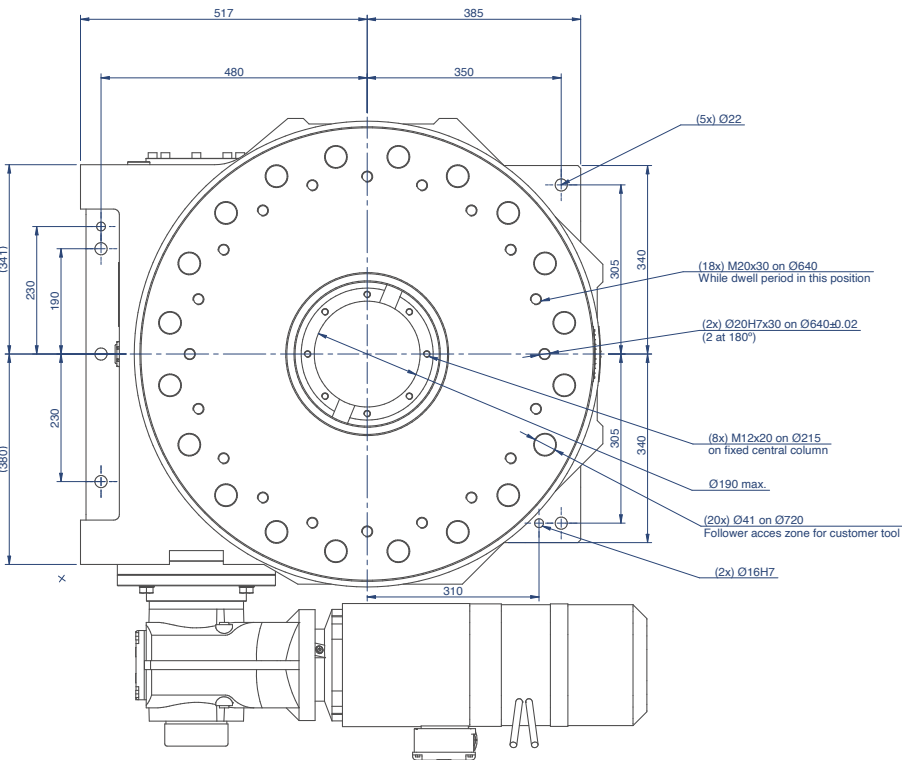
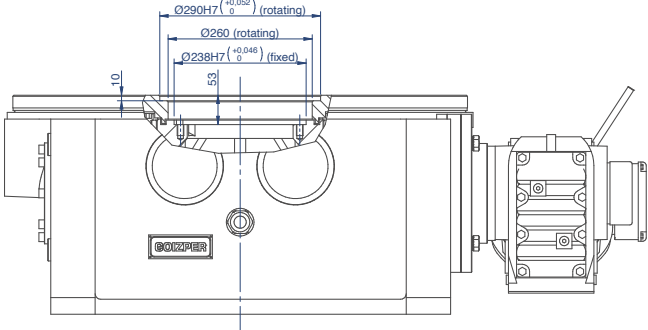
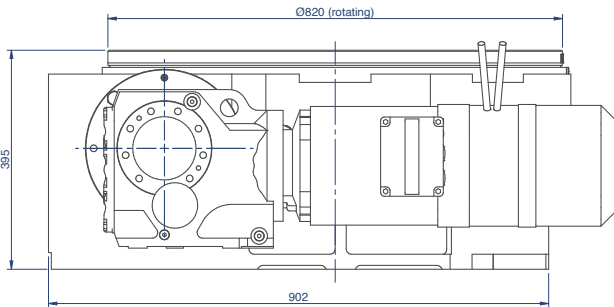
Recommended axial load (F_A)	70.000 N
Recommended tilting torque (M_T)	35.400 Nm
Recommended radial load (F_R)	35.000 N
Weight with motoreducer	≈ 700 Kg



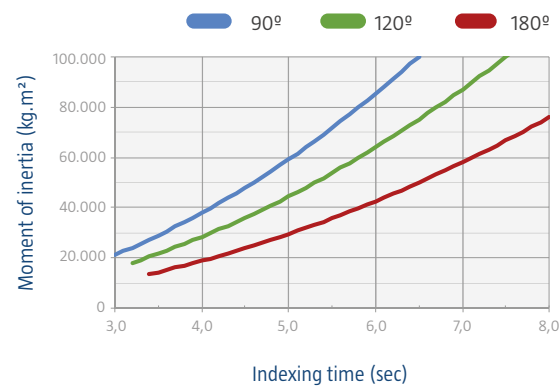
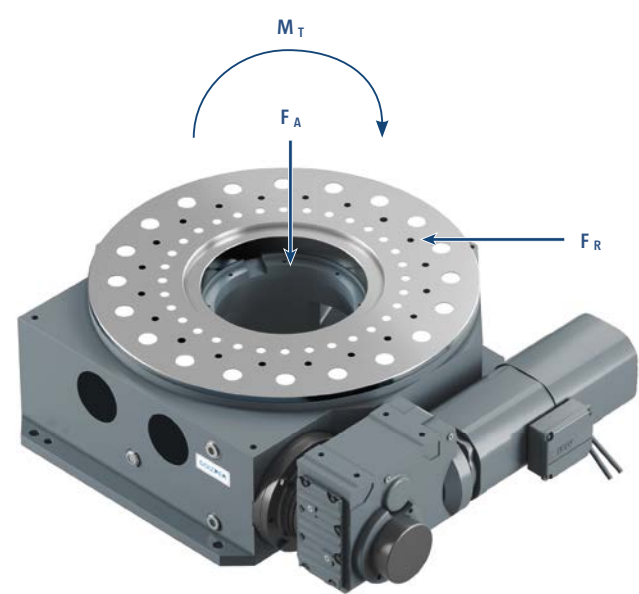
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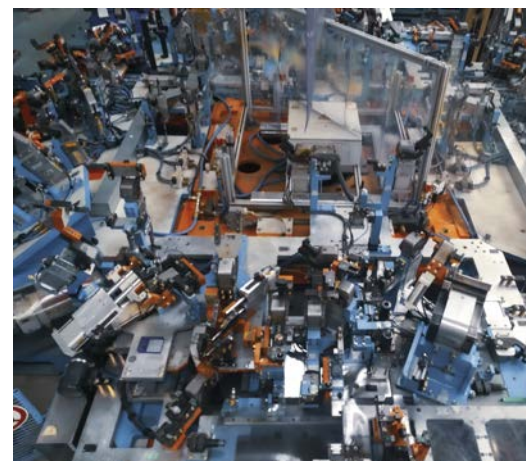
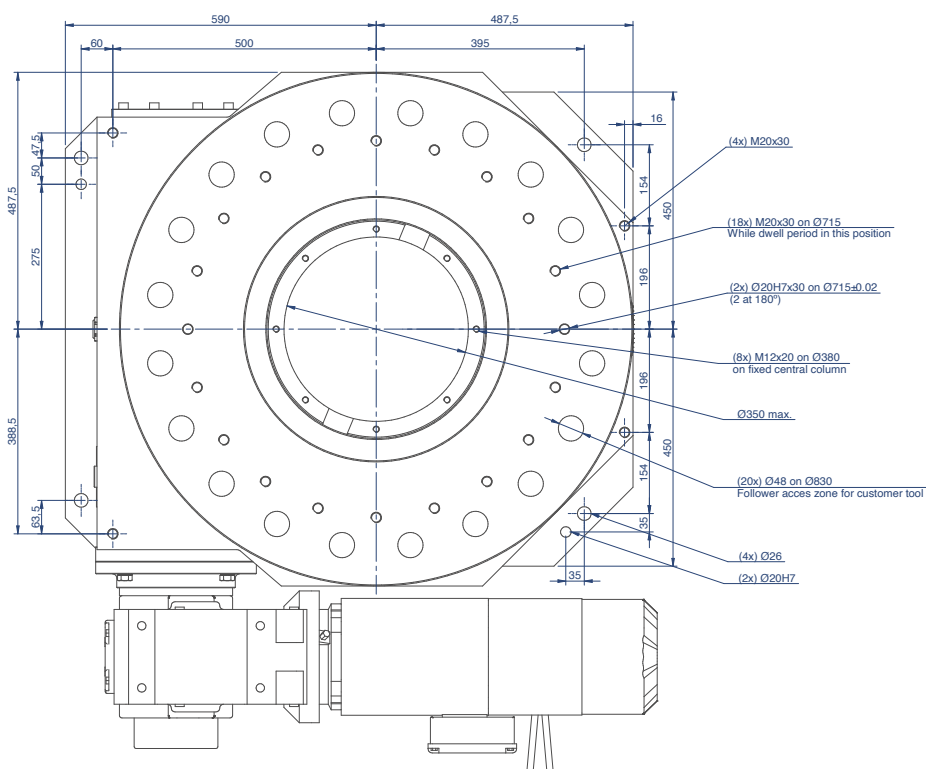
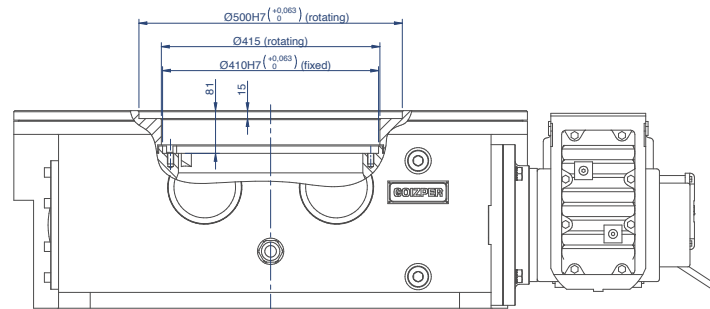
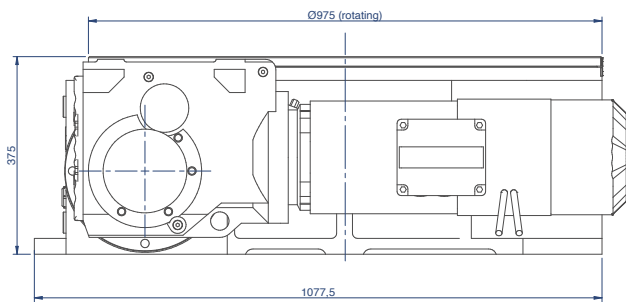
Recommended axial load (F_A)	100.000 N
Recommended tilting torque (M_T)	35.400 Nm
Recommended radial load (F_R)	47.000 N
Weight with motoreducer	≈ 1.100 Kg



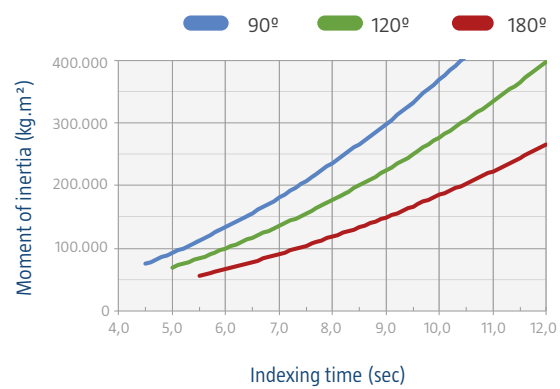
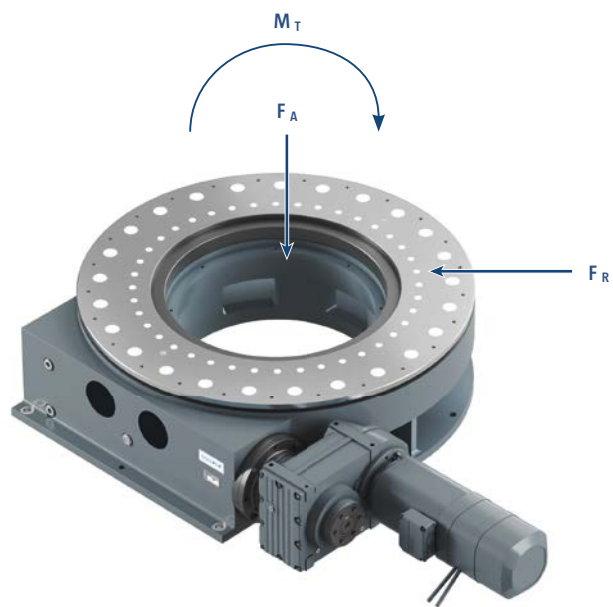
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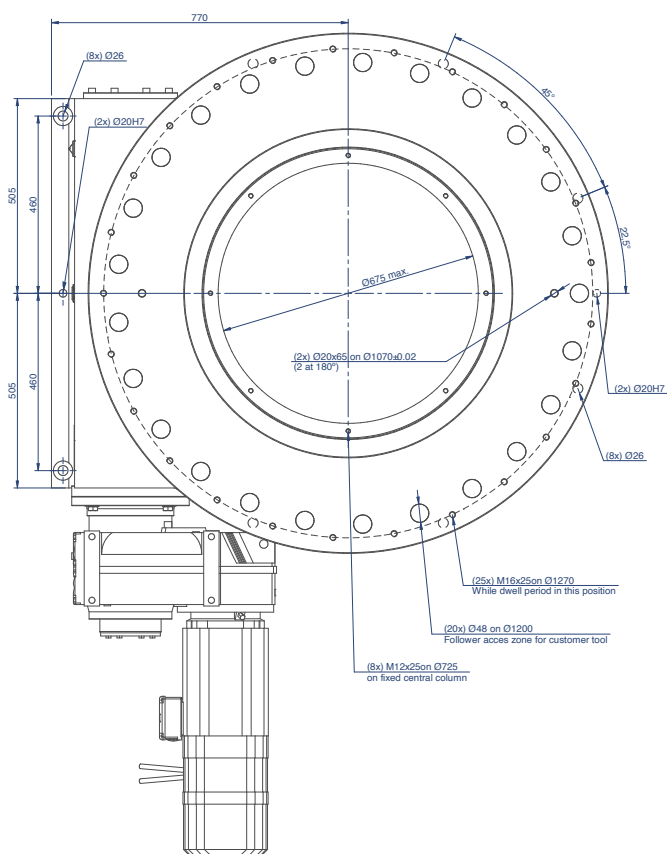
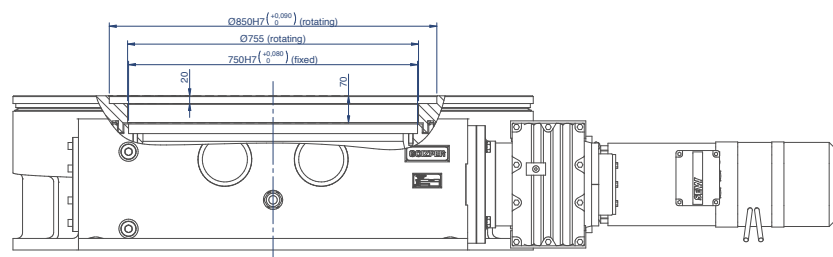
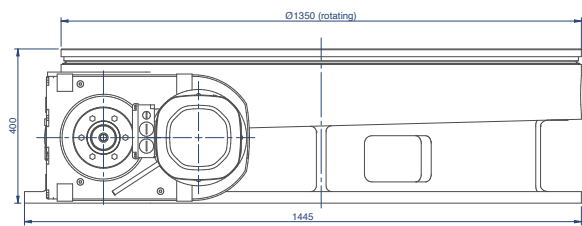
Recommended axial load (F _A)	120.000 N
Recommended tilting torque (M _T)	53.000 Nm
Recommended radial load (F _R)	53.000 N
Weight with motoreducer	≈ 1.350 Kg



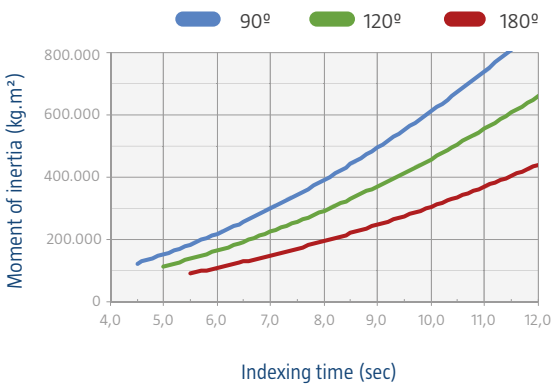
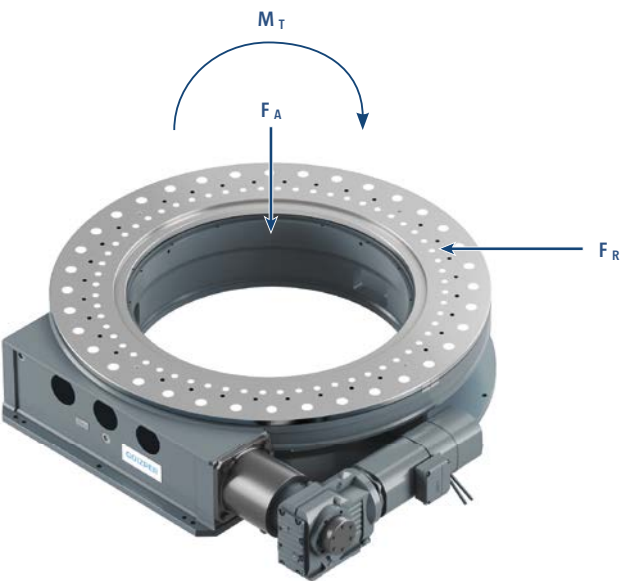
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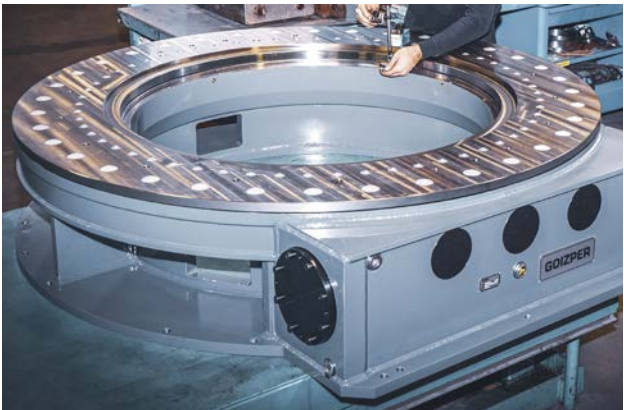
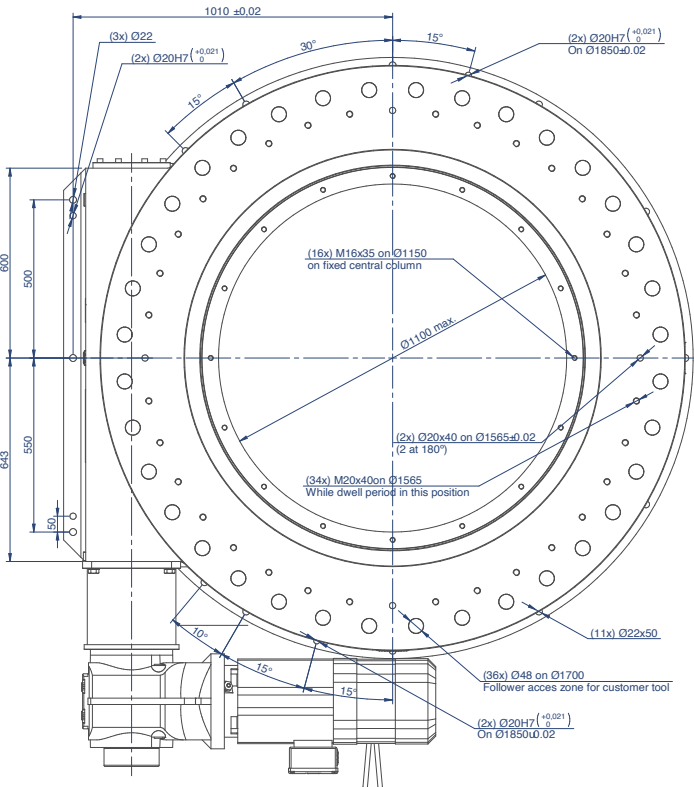
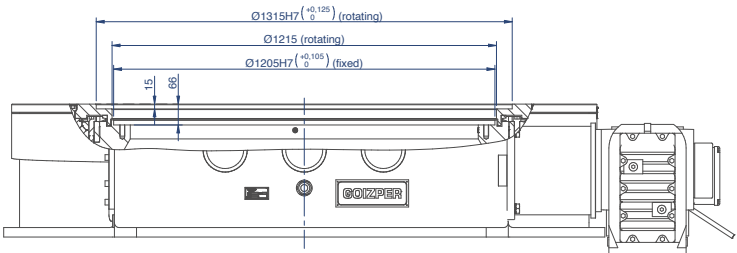
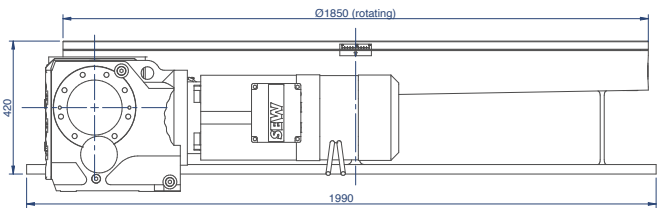
Recommended axial load (F _A)	160.000 N
Recommended tilting torque (M _T)	132.400 Nm
Recommended radial load (F _R)	75.000 N
Weight with motoreducer	≈ 2.200 Kg



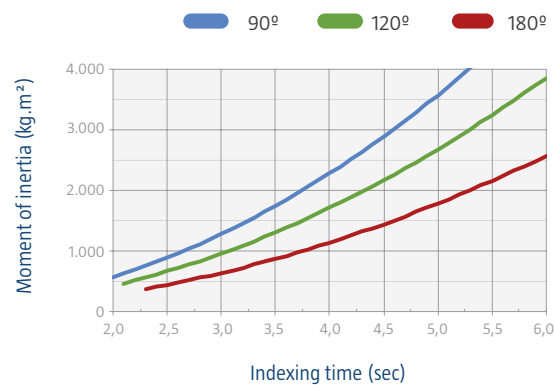
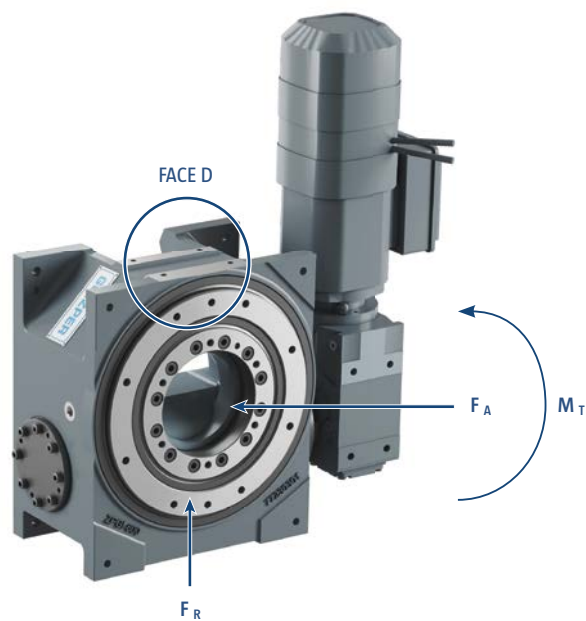
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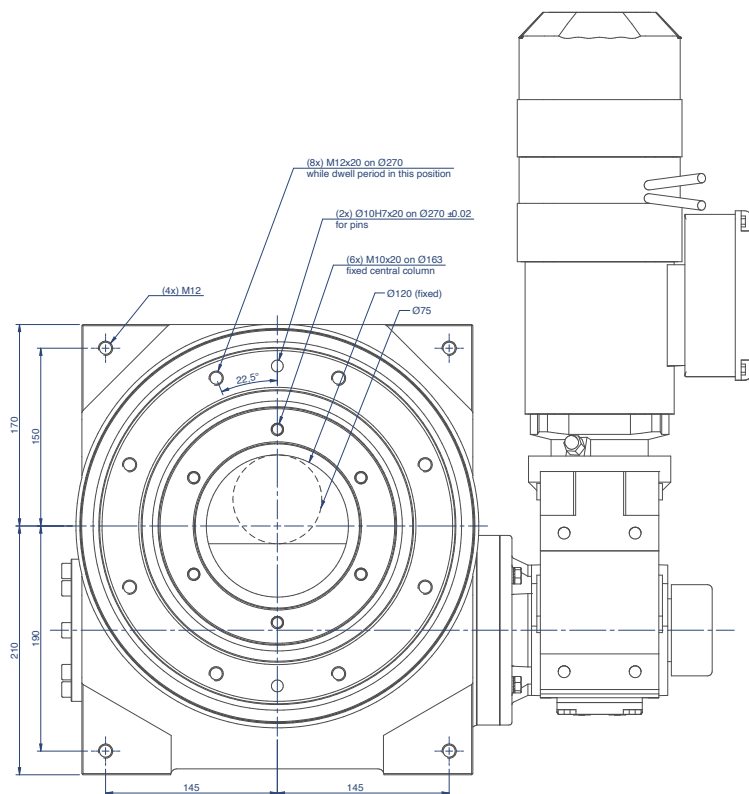
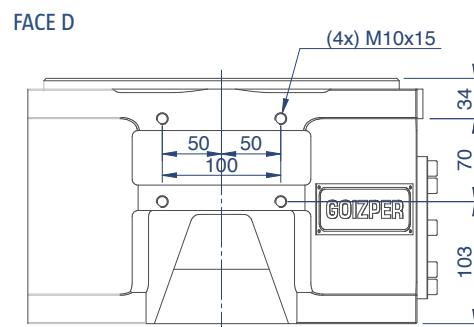
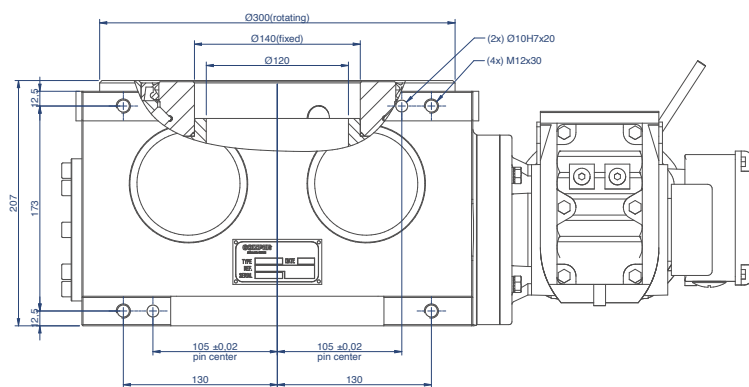
Recommended axial load (F _A)	250.000 N
Recommended tilting torque (M _T)	341.000 Nm
Recommended radial load (F _R)	98.000 N
Weight with motoreducer	≈ 3.200 Kg



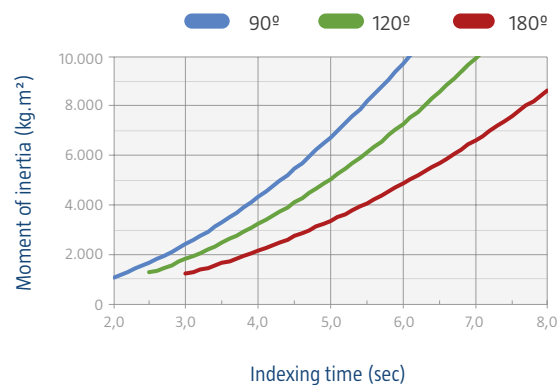
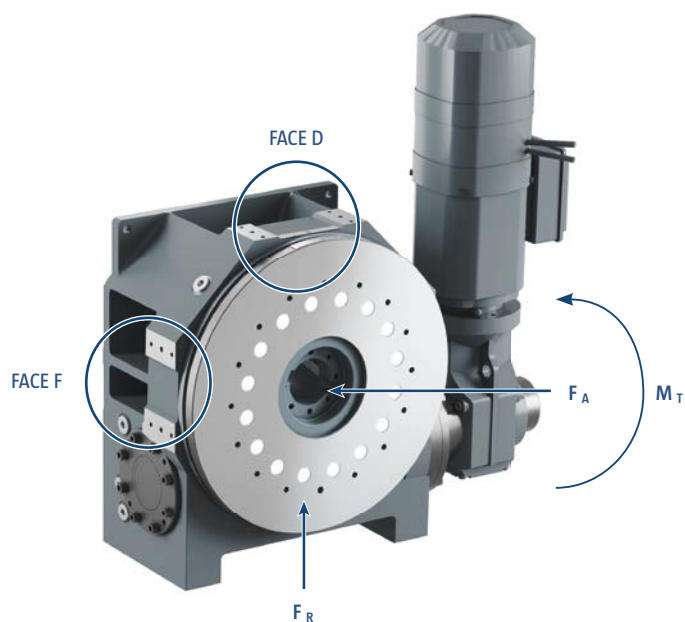
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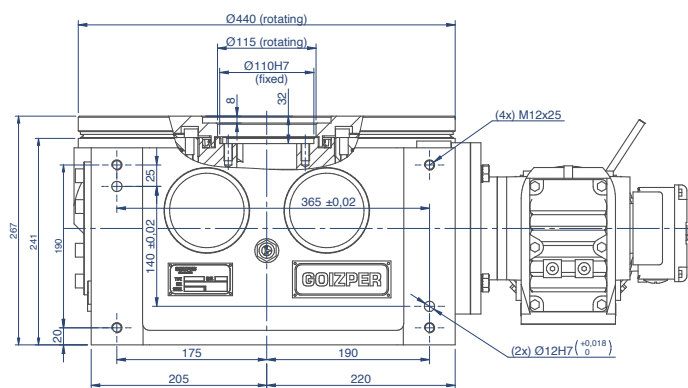
Recommended axial load (F_A)	30.000 N
Recommended tilting torque (M_T)	5.500 Nm
Recommended radial load (F_R)	16.000 N
Weight with motoreducer	≈ 130 Kg



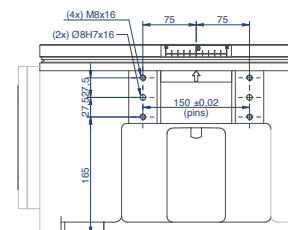
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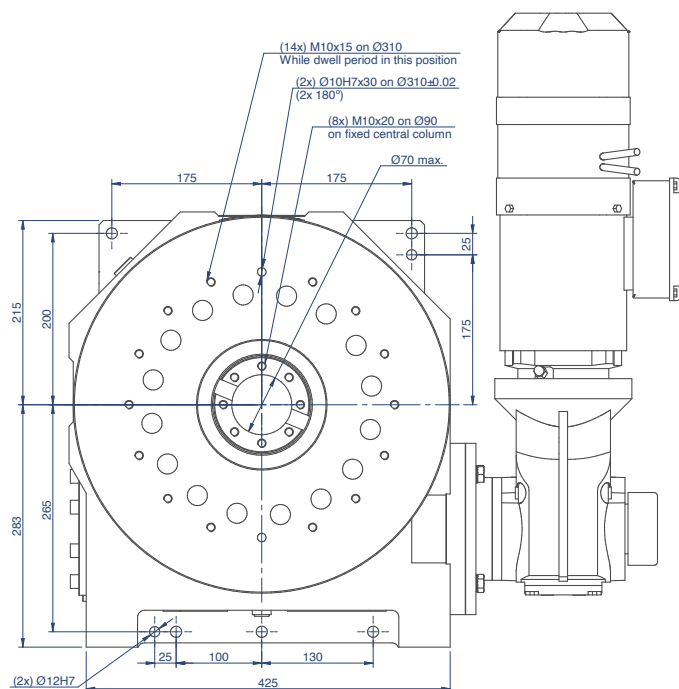
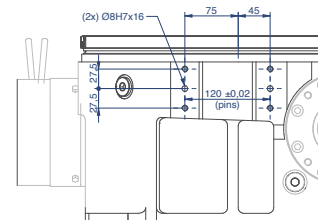
Recommended axial load (F_A)	35.000 N
Recommended tilting torque (M_T)	8.700 Nm
Recommended radial load (F_R)	20.000 N
Weight with motoreducer	≈ 240 Kg



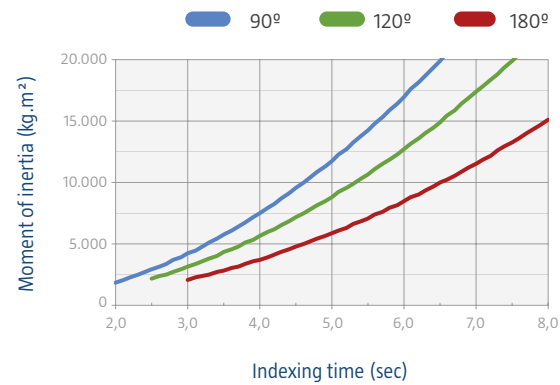
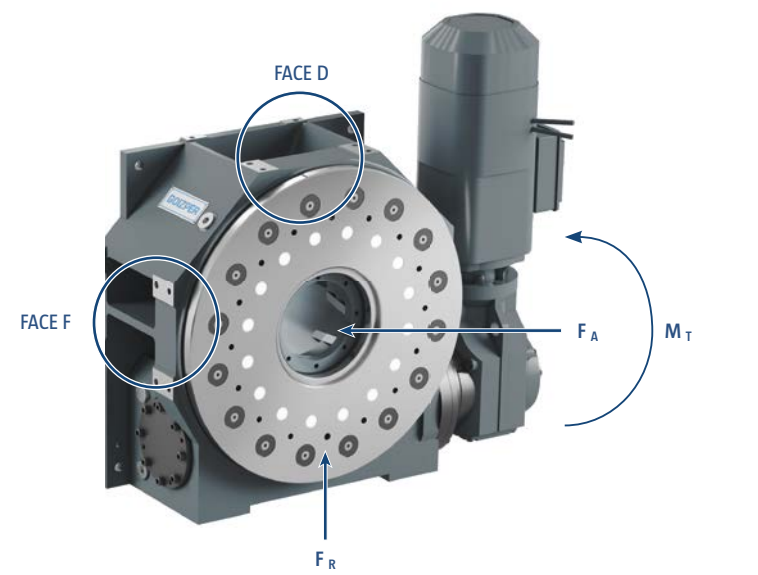
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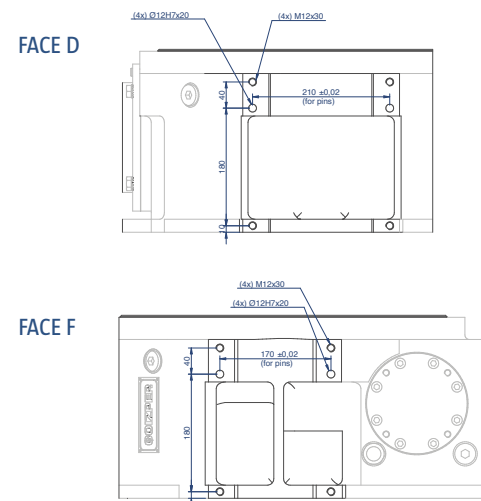
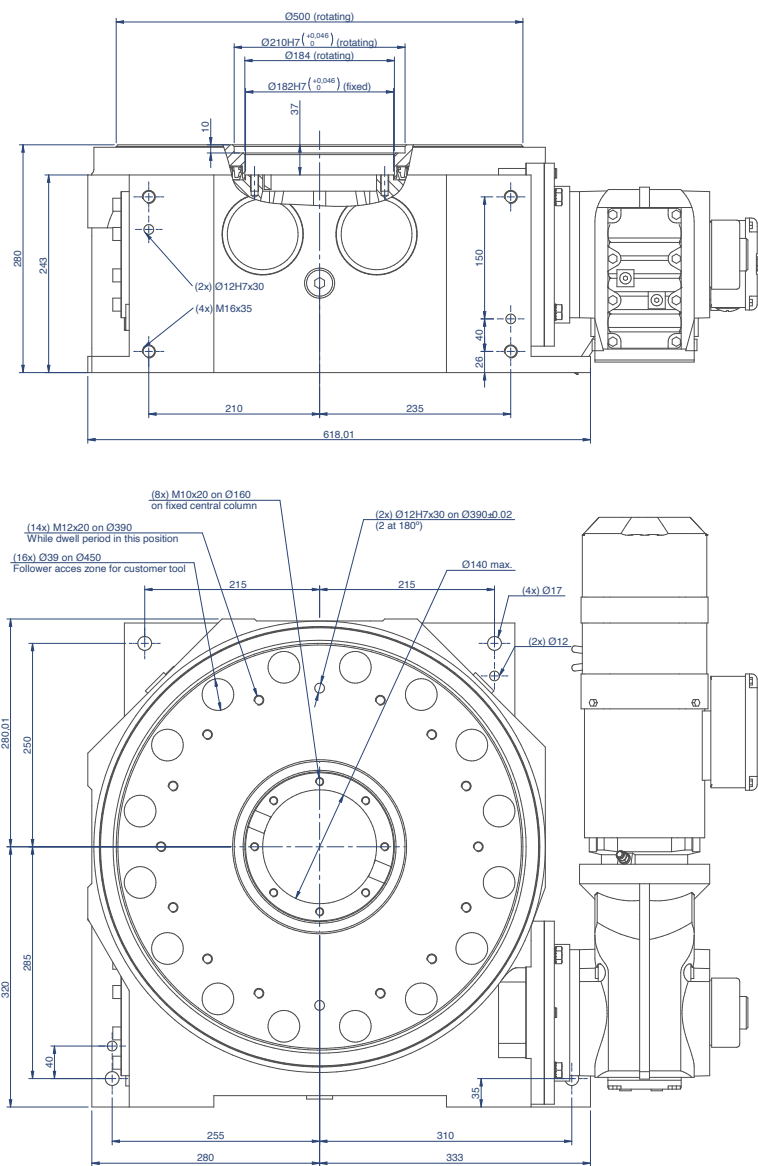
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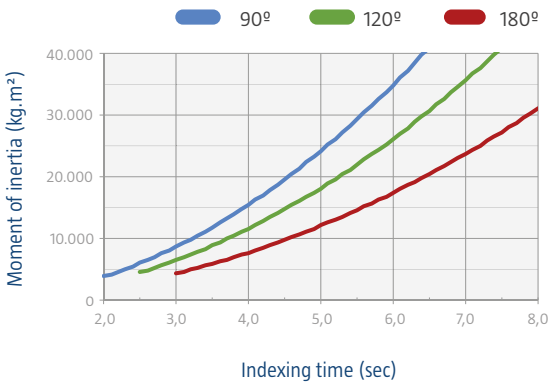
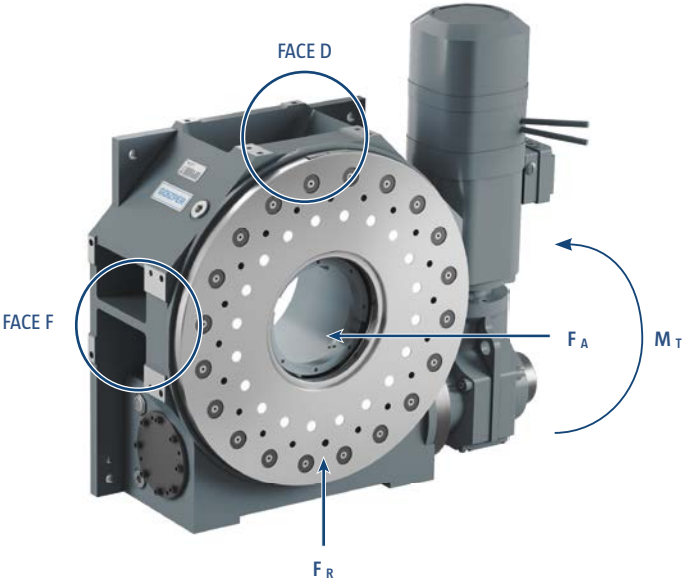
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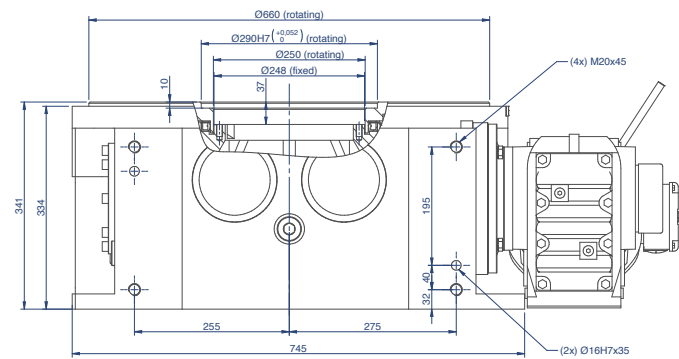
Recommended axial load (F _A)	50.000 N
Recommended tilting torque (M _T)	11.800 Nm
Recommended radial load (F _R)	23.000 N
Weight with motoreducer	≈ 370 Kg



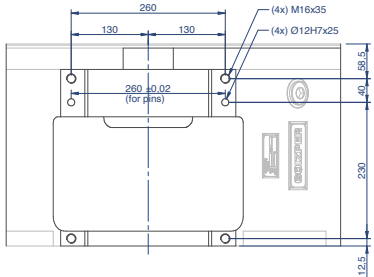
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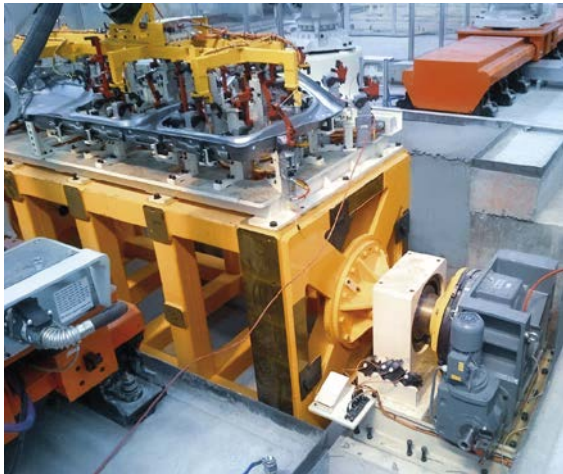
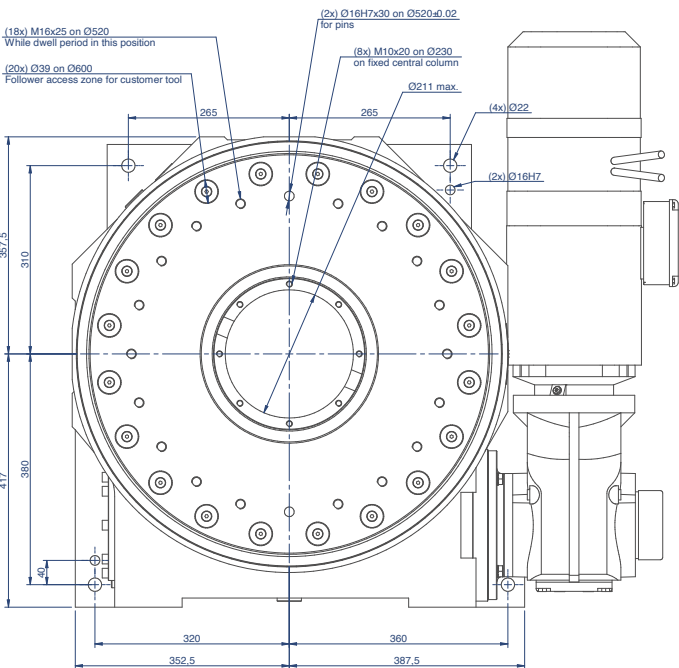
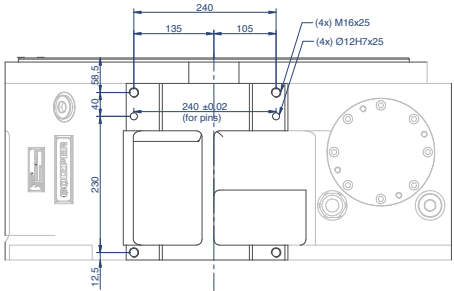
Recommended axial load (F _A)	70.000 N
Recommended tilting torque (M _T)	35.400 Nm
Recommended radial load (F _R)	35.000 N
Weight with motoreducer	≈ 700 Kg



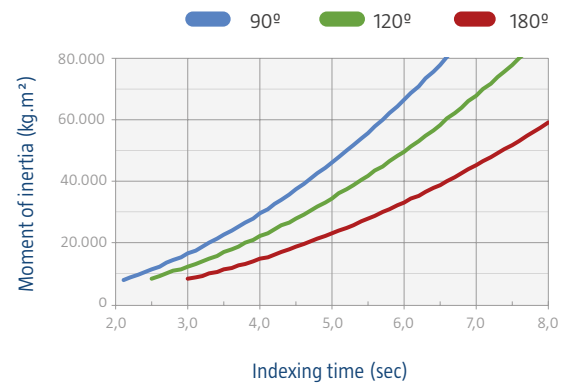
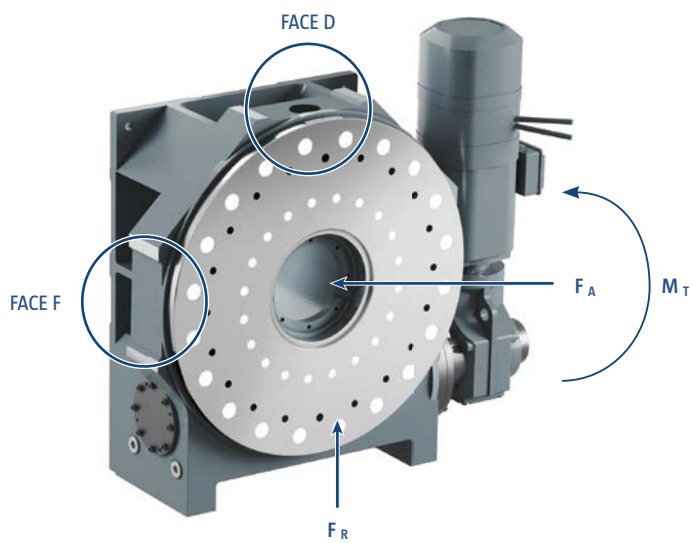
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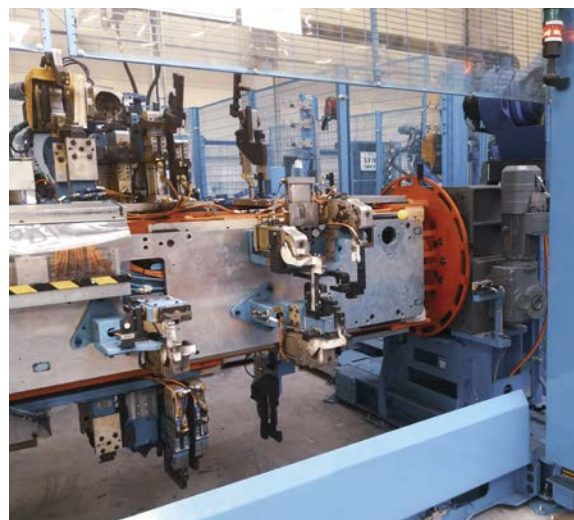
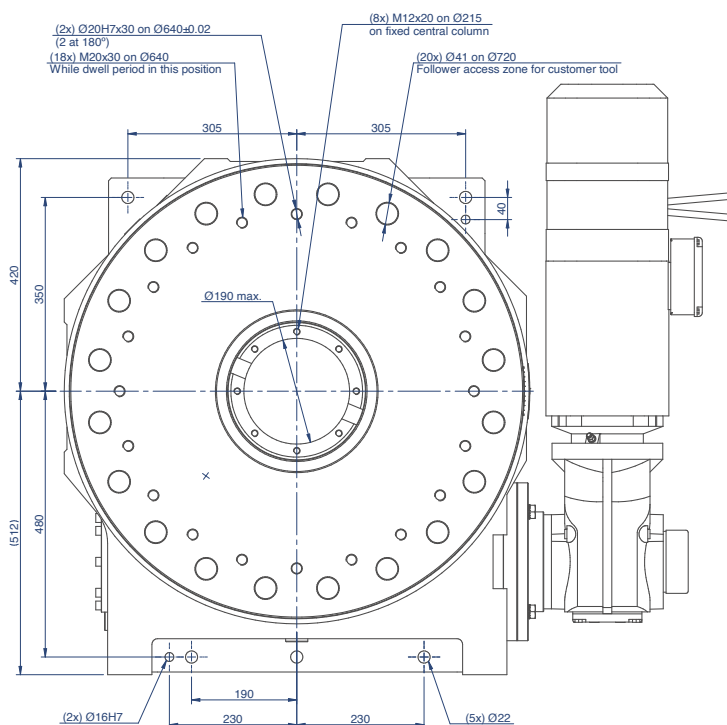
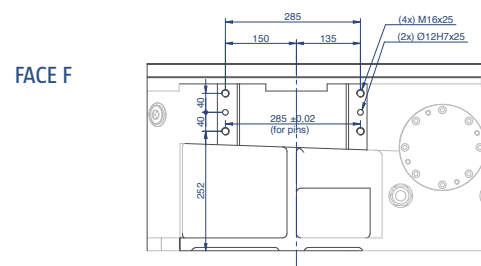
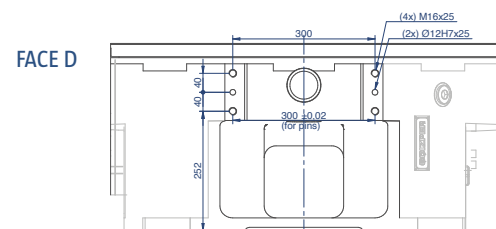
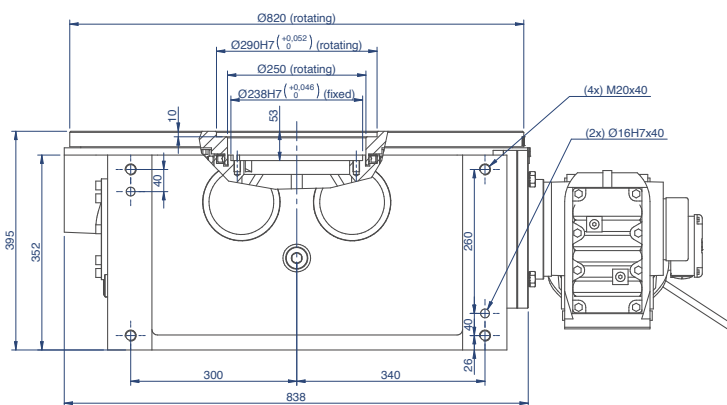
FACE F



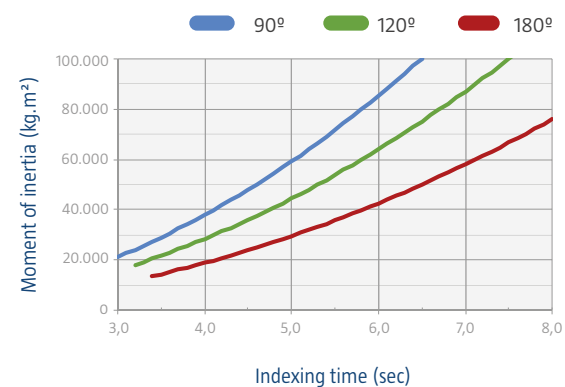
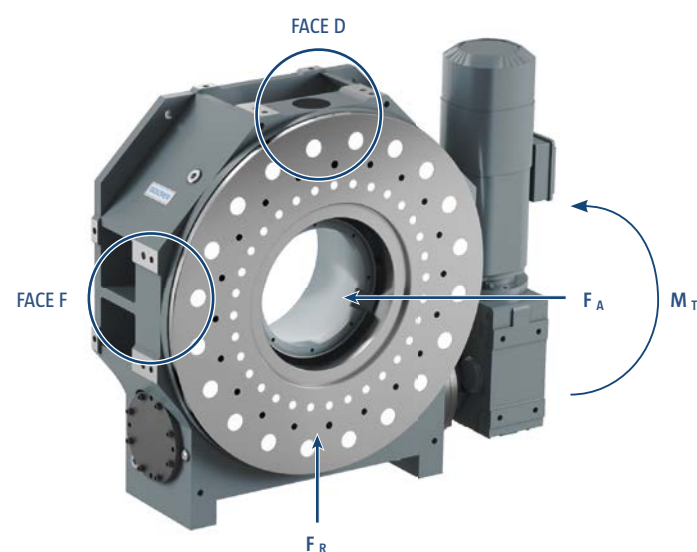
ZPGI 1400U



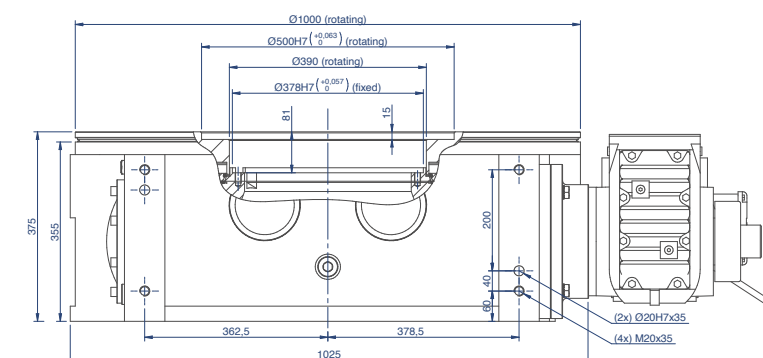
Recommended axial load (F_A)	100.000 N
Recommended tilting torque (M_T)	35.400 Nm
Recommended radial load (F_R)	47.000 N
Weight with motoreducer	≈ 1.100 Kg



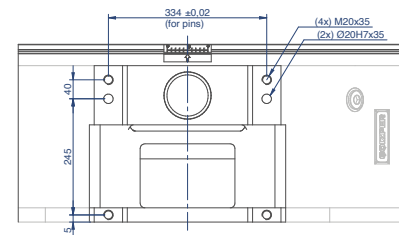
ZPGI 1660U



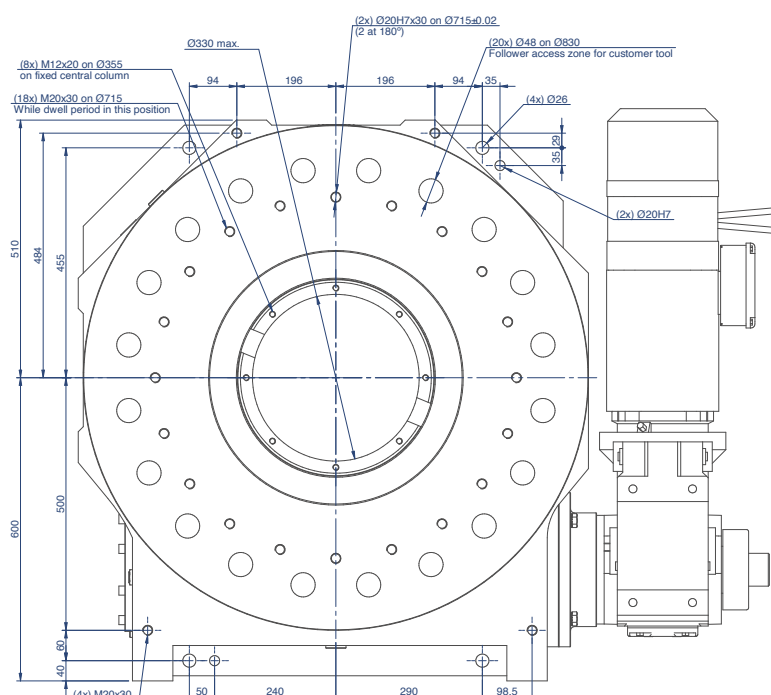
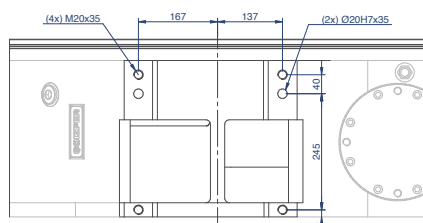
Recommended axial load (F_A)	120.000 N
Recommended tilting torque (M_T)	53.000 Nm
Recommended radial load (F_R)	53.000 N
Weight with motoreducer	≈ 1.350 Kg



FACE D



FACE F



QUESTIONNAIRE

CUSTOMER CONTACT DETAILS

COMPANY NAME	
CONTACT NAME	
PROJECT NAME	

PHONE	
E-MAIL	
DATE	

APPLICATIONS DETAILS

NUMBER OF STATIONS/STOPS	
OUTPUT ANGLE	
INDEX TIME [T] (sec) / STATION TO STATION	

Choose the type of application that suits your needs. Just fill in the required fields:

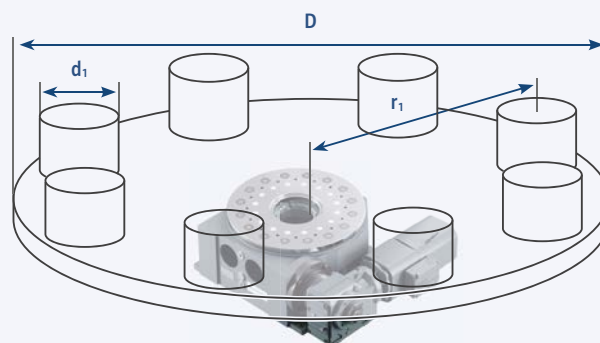
1. Rotating Plate - Dial Plate

DIMENSIONS / EXTERNAL FORCES & WEIGHT

DIAMETER (D) mm
MASS kg

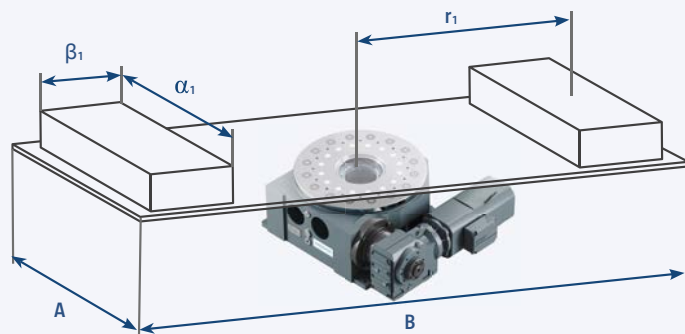
If toolings are from different sizes, please, indicate the biggest "d1" and "m1".

DIAMETER (d1) mm
CG RADIUS (r1) mm
MASS per jig/tooling kg
NUMBER of jig/tooling



2. Rotating Plate - Vertical - Welding

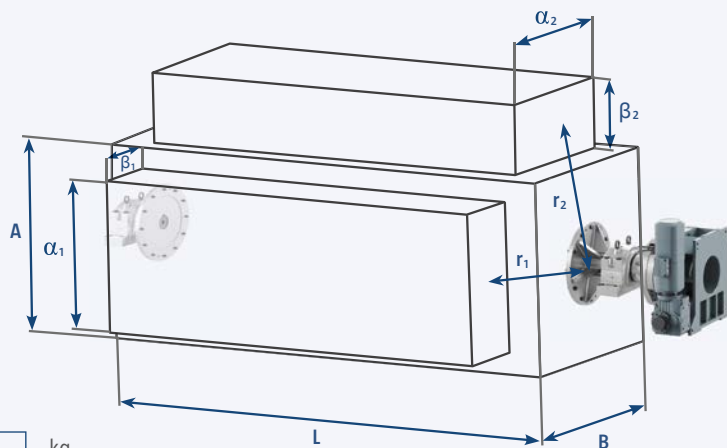
FRAME	A		mm
	B		mm
	M		kg
	Swing Ø D		mm



N° TOOLING	α_1		mm	m_1		kg
	β_1		mm	r_1		mm
	α_2		mm	m_2		kg
	β_2		mm	r_2		mm

3. Trunion - Horizontal - Welding

FRAME	A		mm
	B		mm
	L		mm
	M		kg



N° TOOLING	α_1		mm	m_1		kg
	β_1		mm	r_1		mm
	α_2		mm	m_2		kg
	β_2		mm	r_2		mm

ADDITIONAL EXTERNAL FORCES

AXIAL FORCE	F_A		(N)	at	r_{FA}		mm
RADIAL FORCE	F_R		(N)	at	r_{FR}		mm
TILT MOMENT	M_k		(Nm)	at	r_{Mk}		mm

SPECIAL NOTES / MORE INFORMATION

MOTOR SELECTION AND INFORMATION

MOTOR BRAND		GOIZPER STANDARD		OTHER
VOLTAGE		V		
FREQUENCY		Hz		

GOIZPER

YOUR PARTNER
IN POWER TRANSMISSION



- GOIZPER GROUP (Headquarter)
- GOIZPER WUXI
- GOIZPER (Sales Offices)



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