

GOIZPER

YOUR PARTNER
IN POWER TRANSMISSION

ZPGI

Servo rotary tables

ZPGI 400 - 600 - 800 - 900 - 1100 - 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.

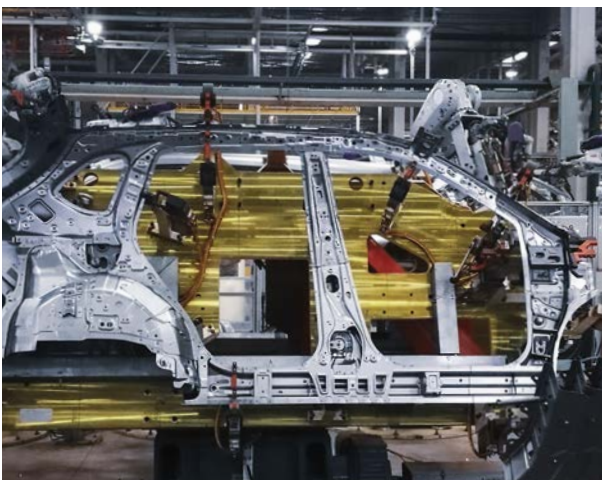
More than 60 years working alongside customers, studying the market and investigating solutions allow GOIZPER to offer the **greatest technological expertise**, which is one of its distinctive strengths.

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

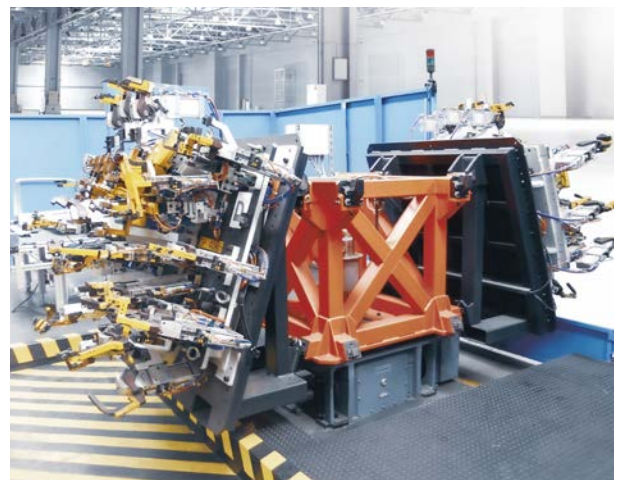
Having its own **highly qualified** production team is an important competitive advantage that gives great autonomy and **flexibility**.

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...



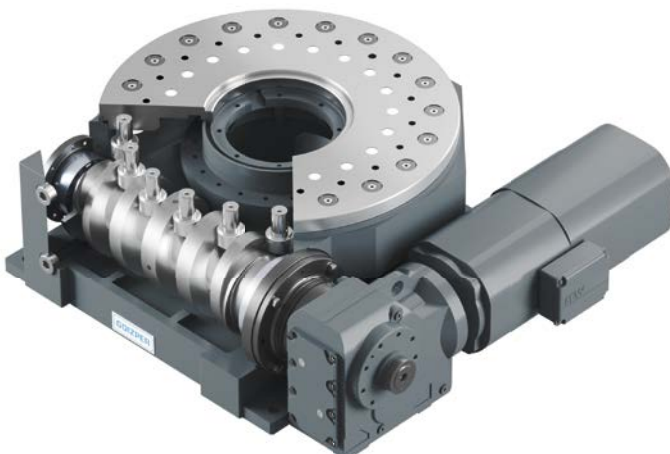
FOOD & BEVERAGE

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



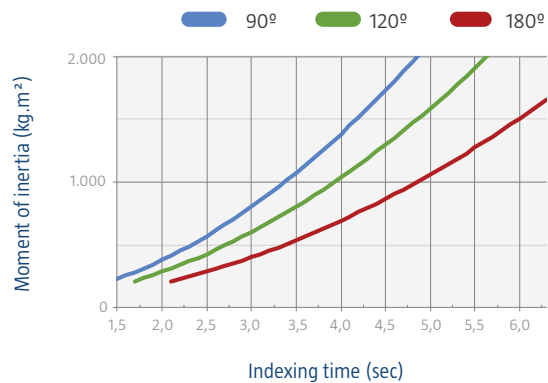
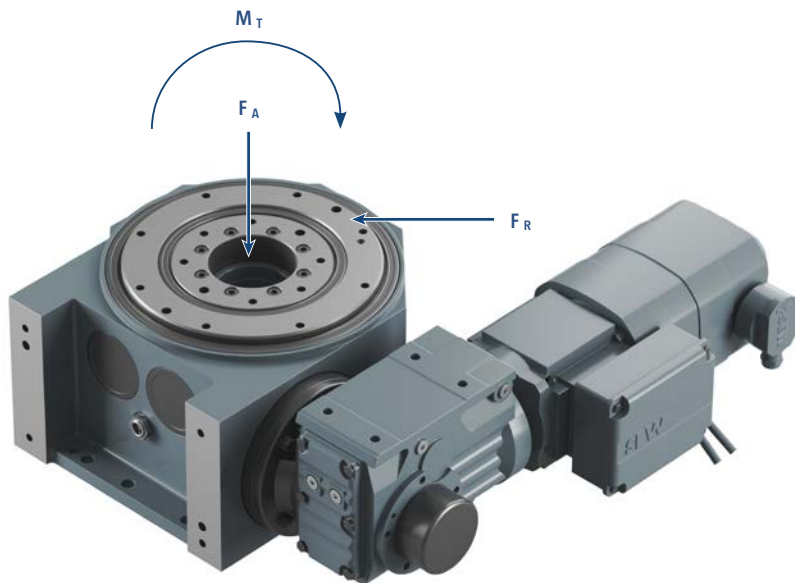
OTHER SECTORS

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



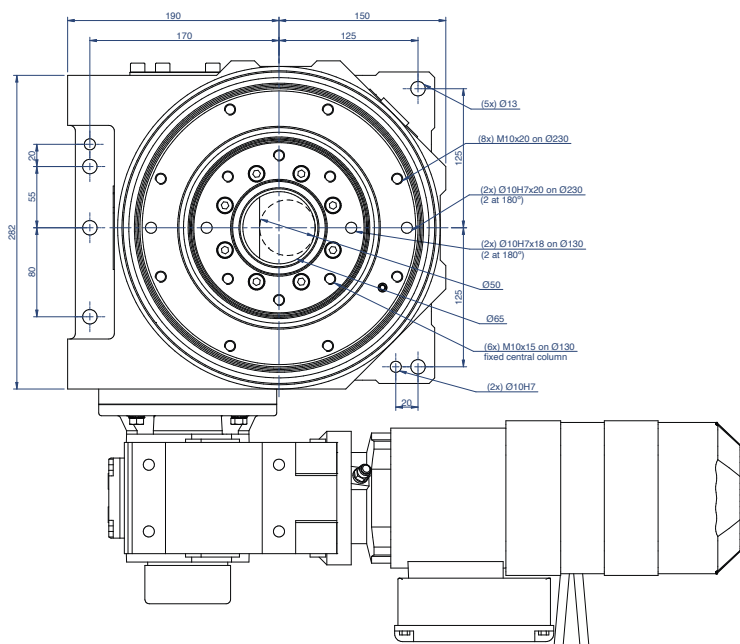
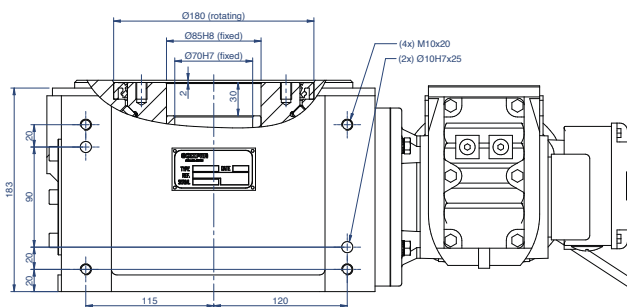
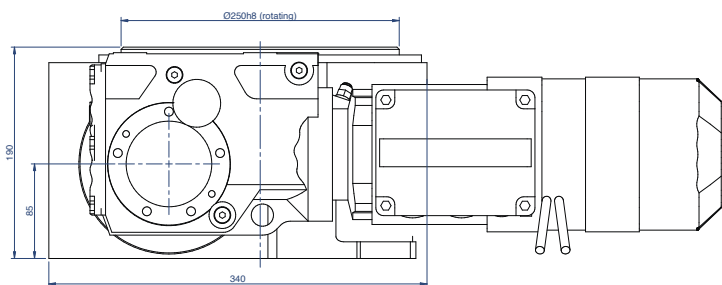
With different reducer configuration and adaptable to any servo brand: Fanuc, Siemens, Yaskawa, ABB...

ZPGI 400B

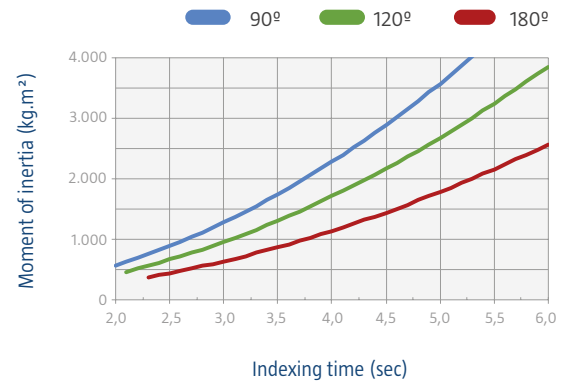
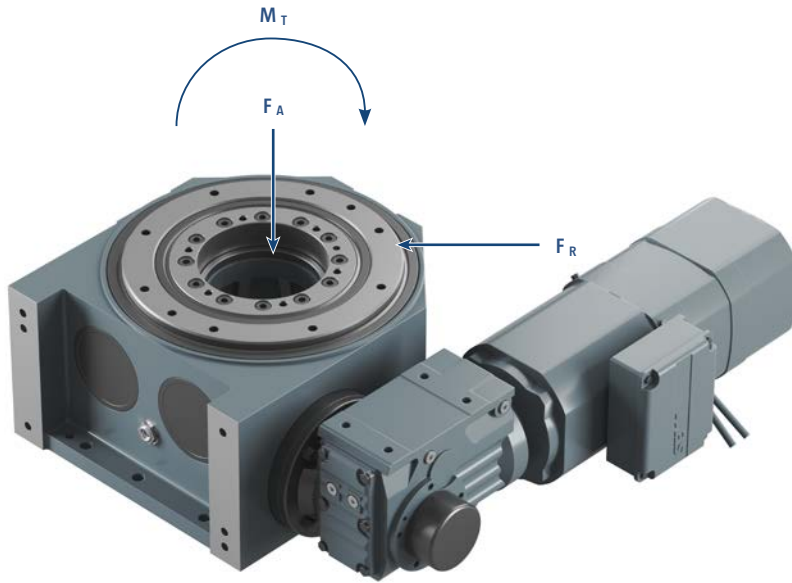


Permitted axial load (F_A)	40 kN
Permitted tilting torque (M_T)	4 kNm
Permitted radial load (F_R)	20 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

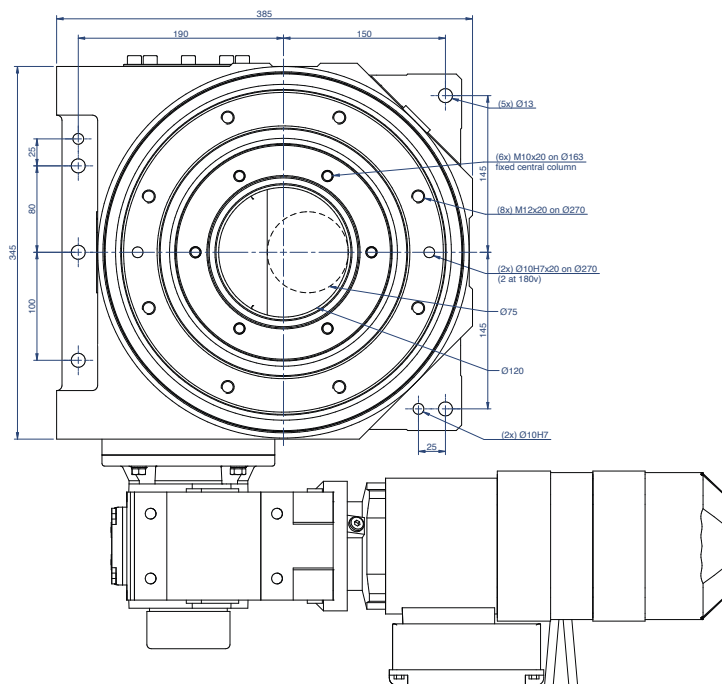
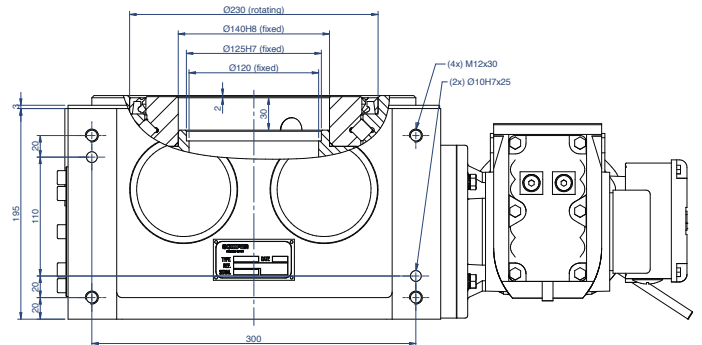
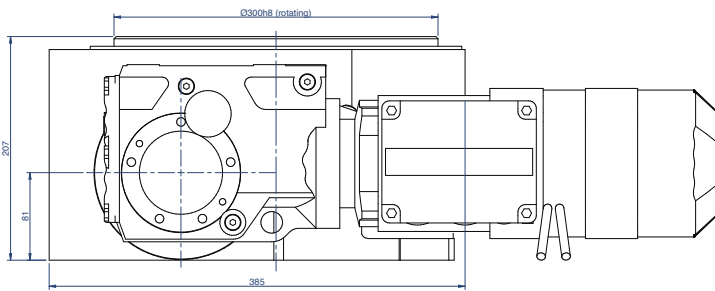


ZPGI 600B

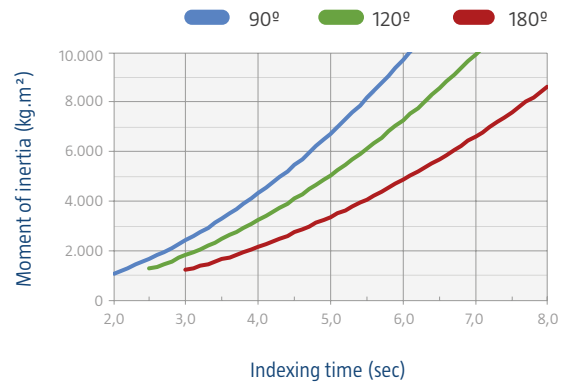
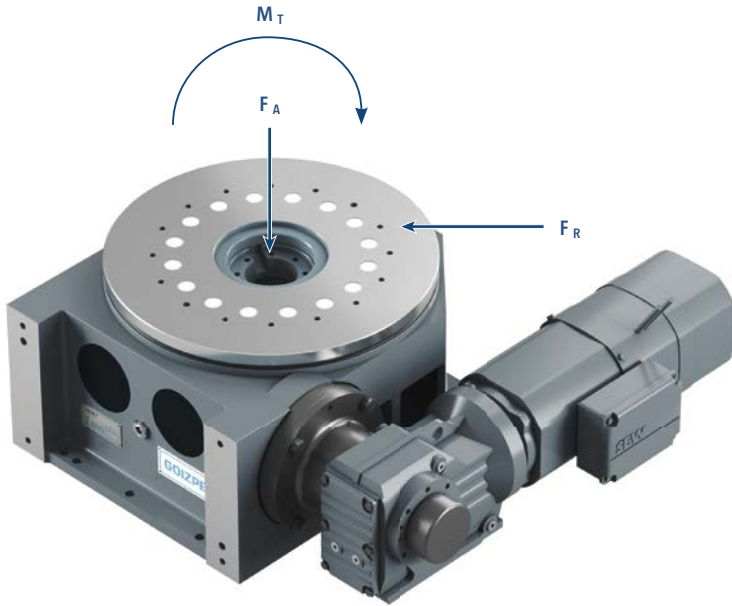


Permitted axial load (F_A)	60 kN
Permitted tilting torque (M_T)	7 kNm
Permitted radial load (F_R)	32 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

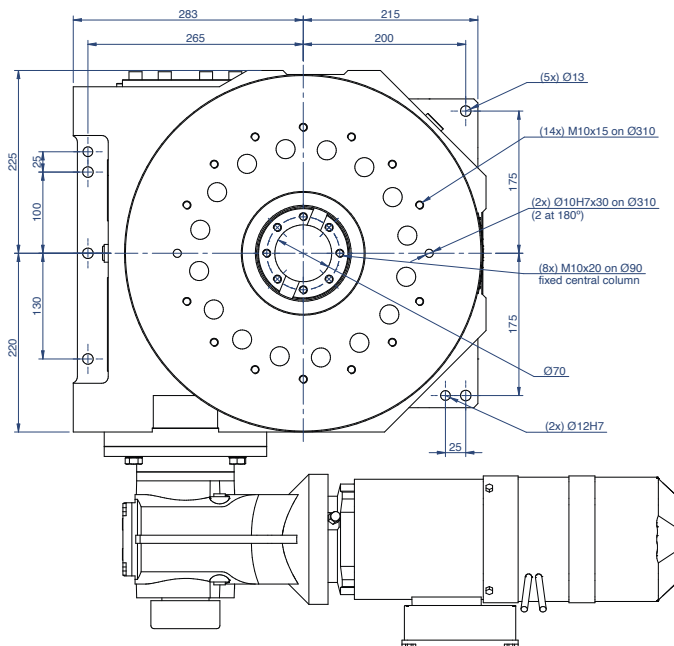
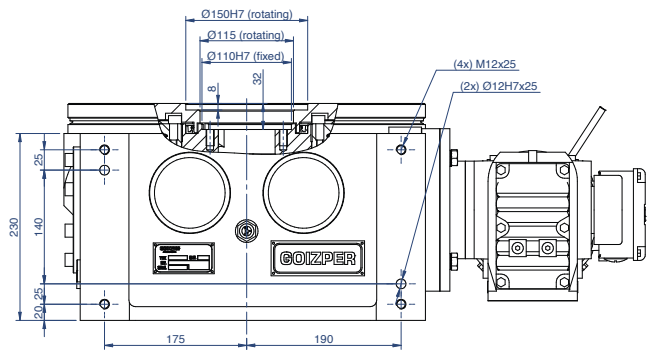
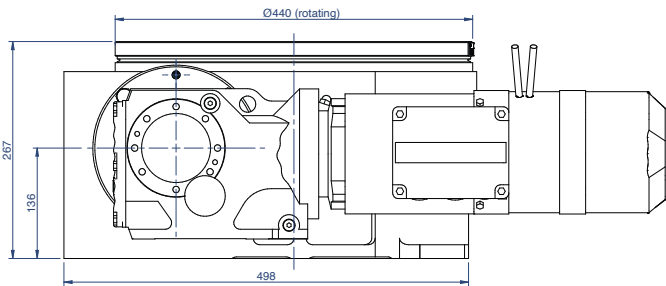


ZPGI 800B

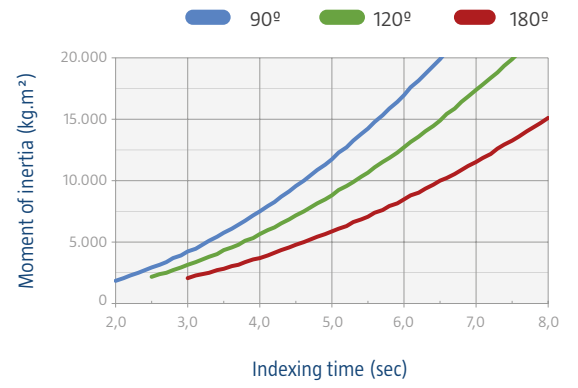
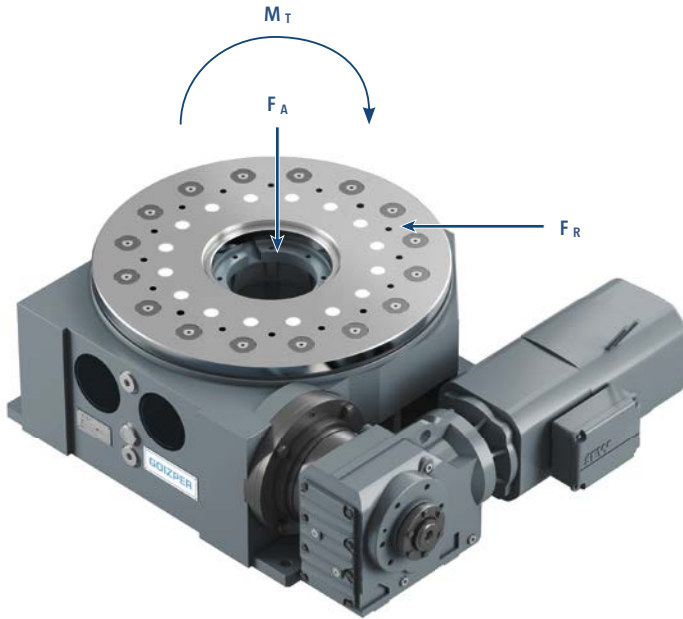


Permitted axial load (F_A)	80 kN
Permitted tilting torque (M_T)	8,7 kNm
Permitted radial load (F_R)	39 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

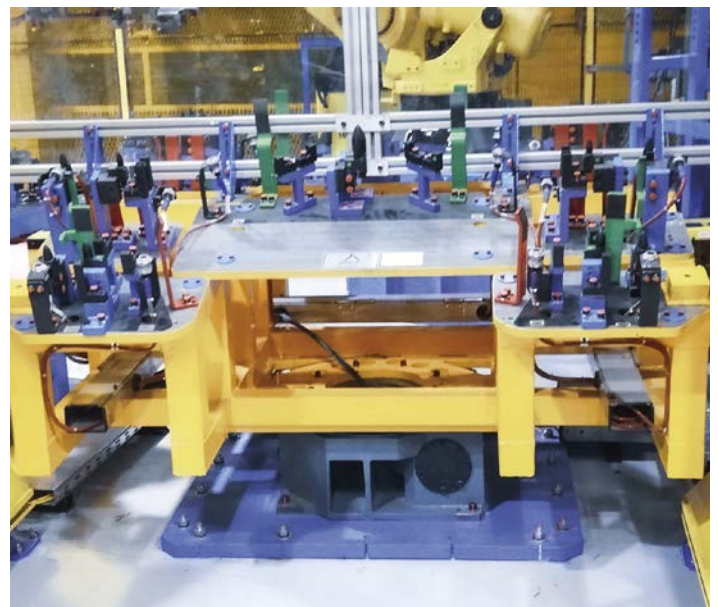
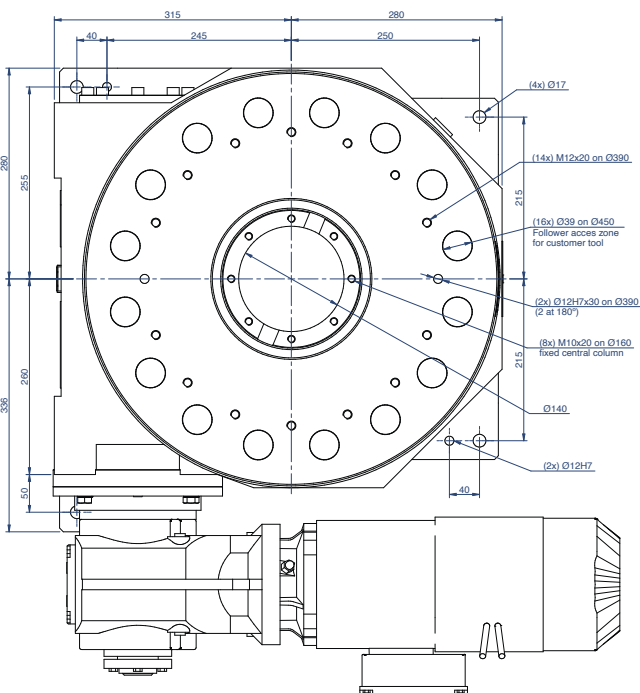
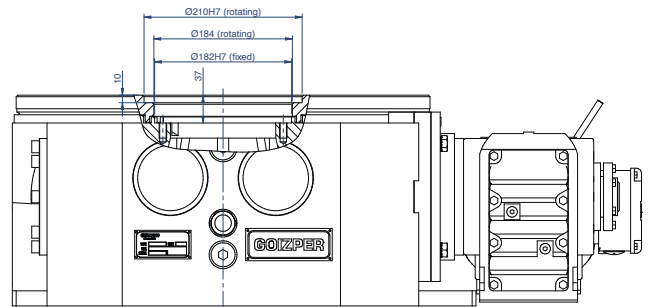
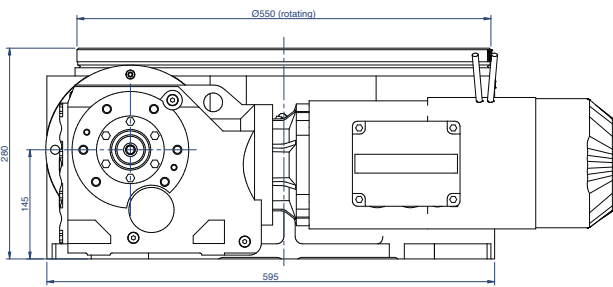


ZPGI 900B

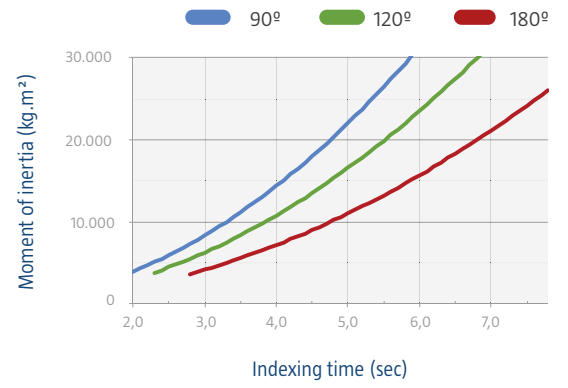
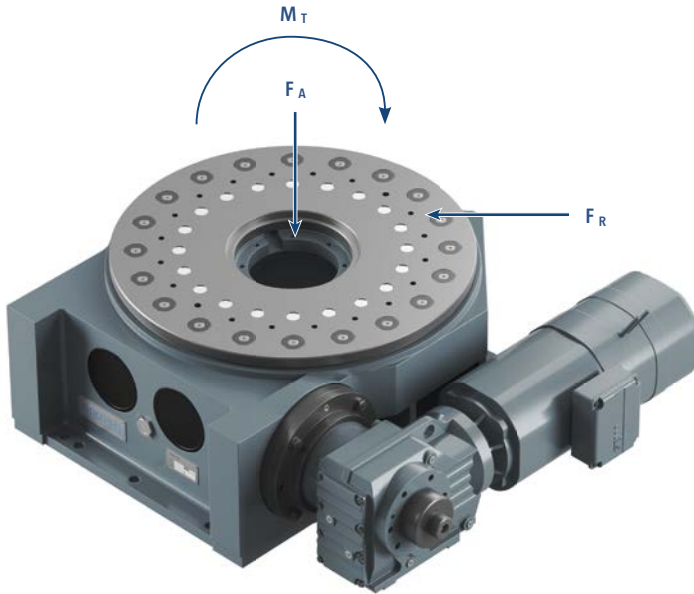


Permitted axial load (F_A)	90 kN
Permitted tilting torque (M_T)	12 kNm
Permitted radial load (F_R)	46 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

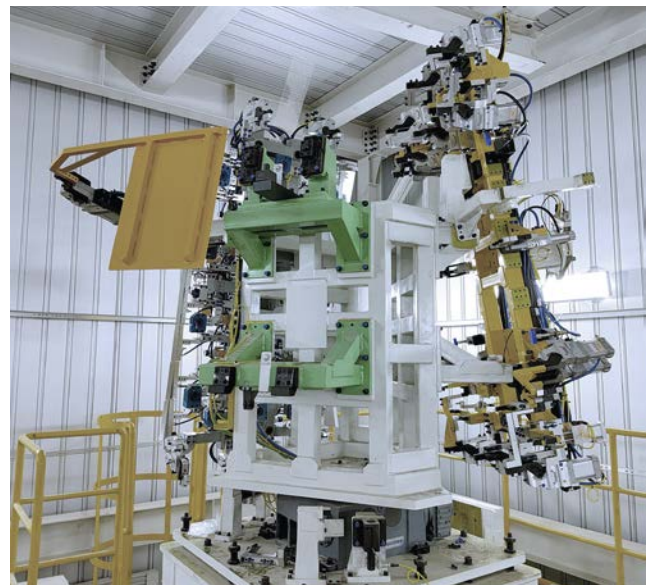
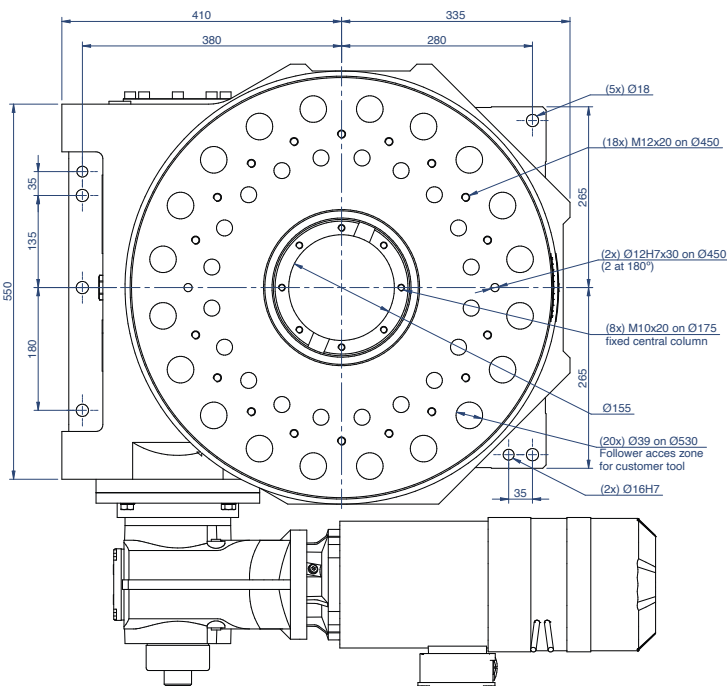
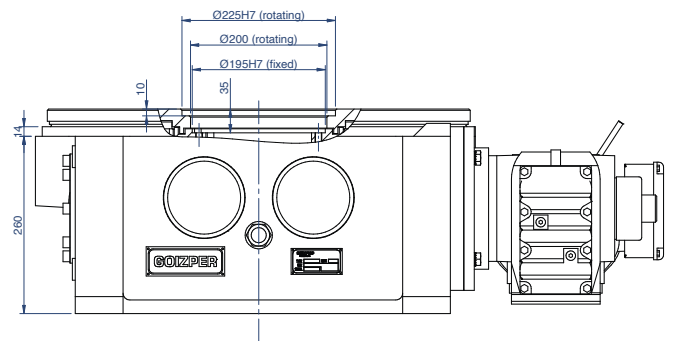
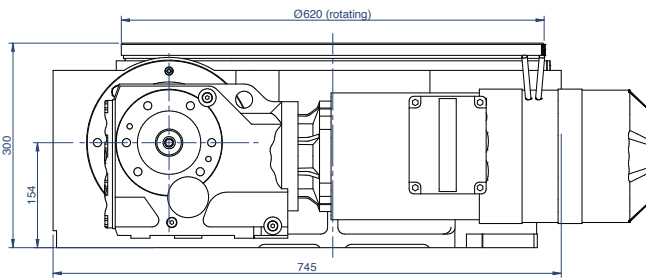


ZPGI 1100B

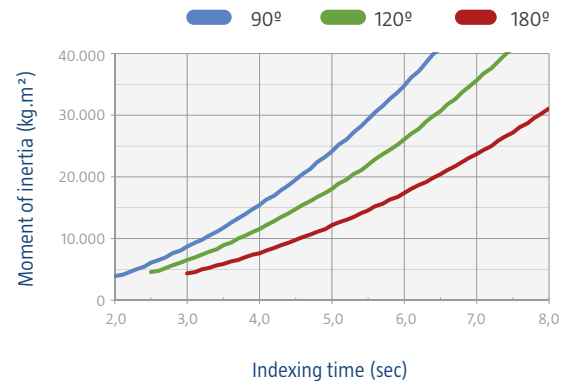
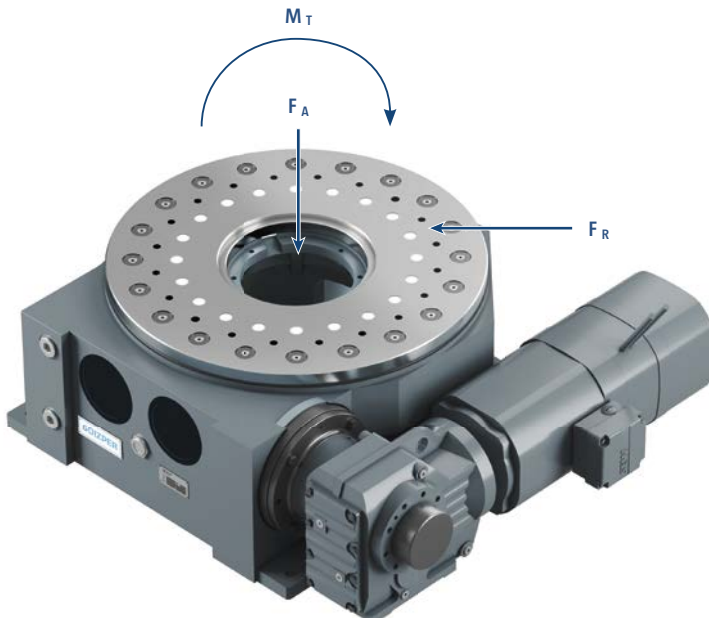


Permitted axial load (F_A)	110 kN
Permitted tilting torque (M_T)	24 kNm
Permitted radial load (F_R)	58 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

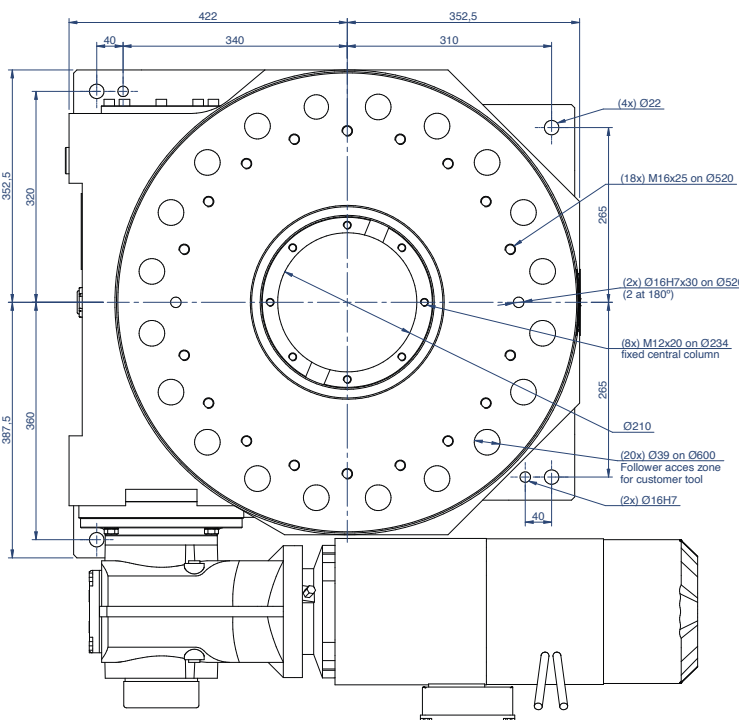
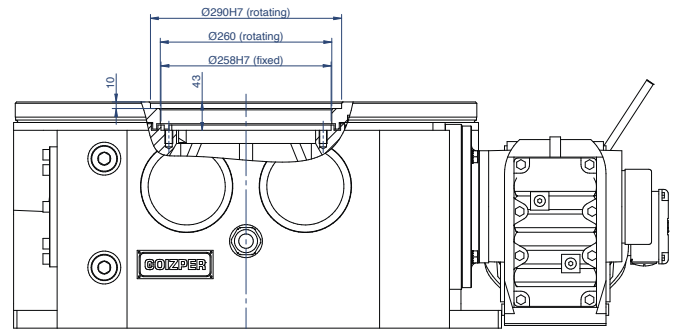
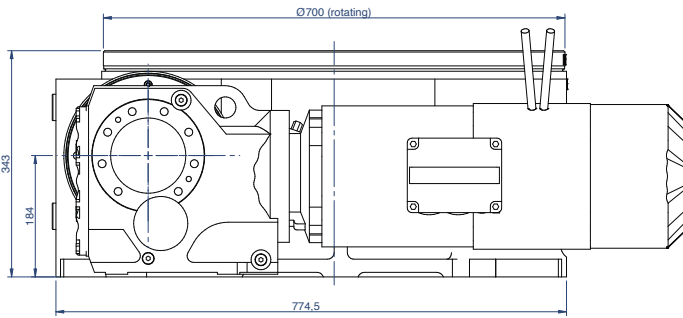


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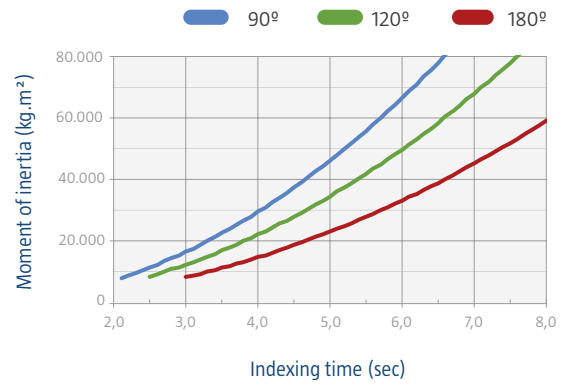
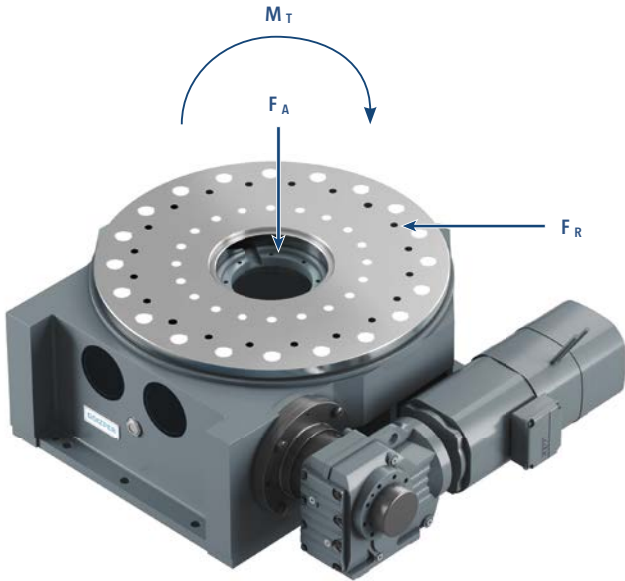


Permitted axial load (F_A)	120 kN
Permitted tilting torque (M_T)	35 kNm
Permitted radial load (F_R)	70 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

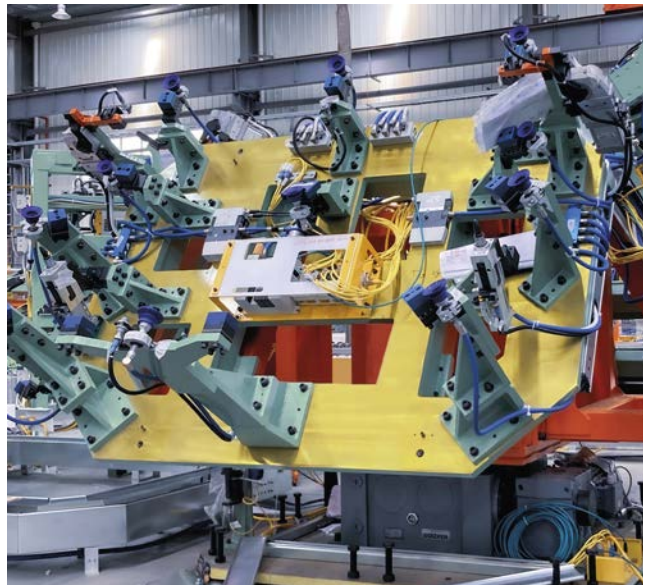
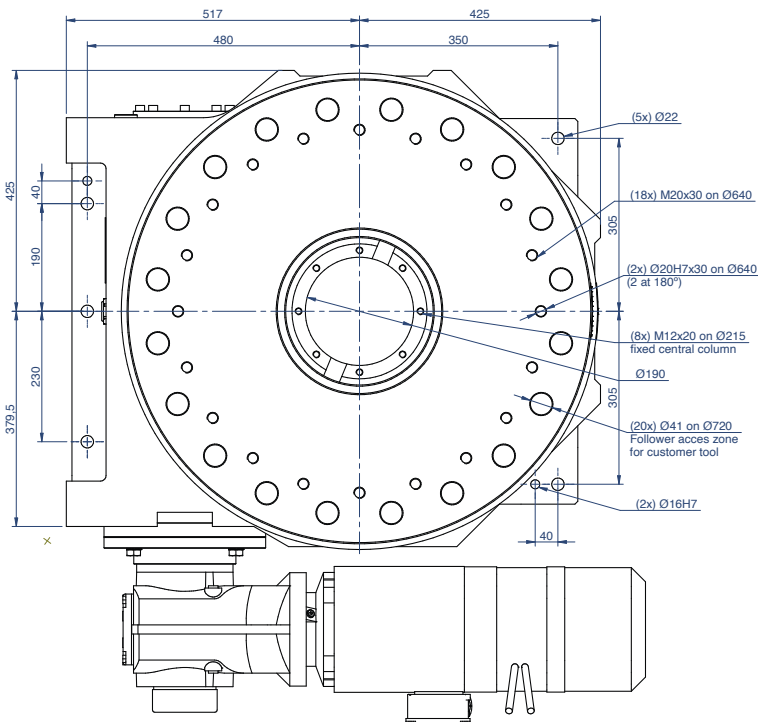
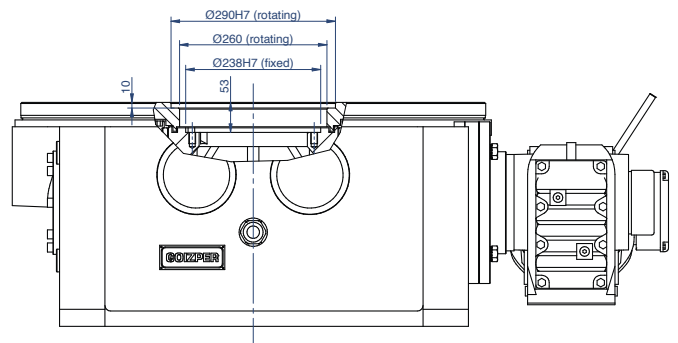
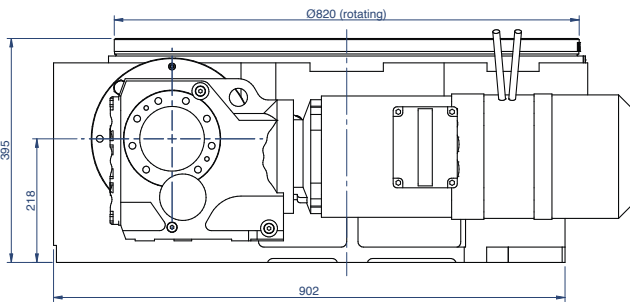


ZPGI 1400B

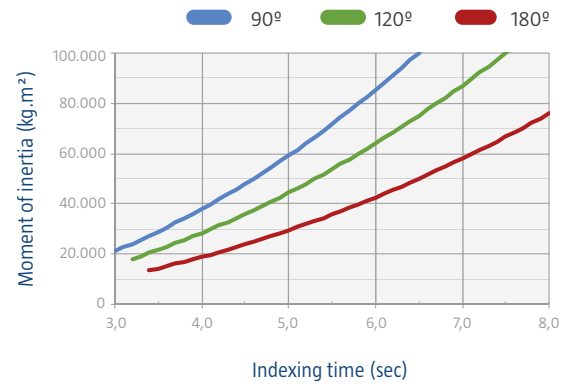
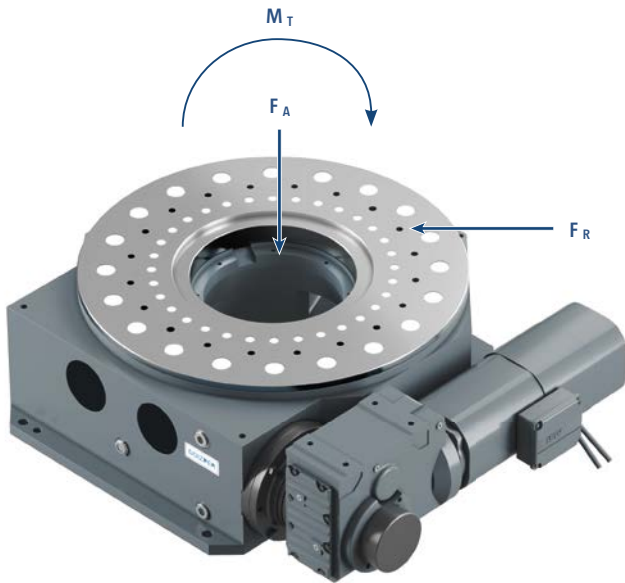


Permitted axial load (F_A)	160 kN
Permitted tilting torque (M_T)	35 kNm
Permitted radial load (F_R)	94 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

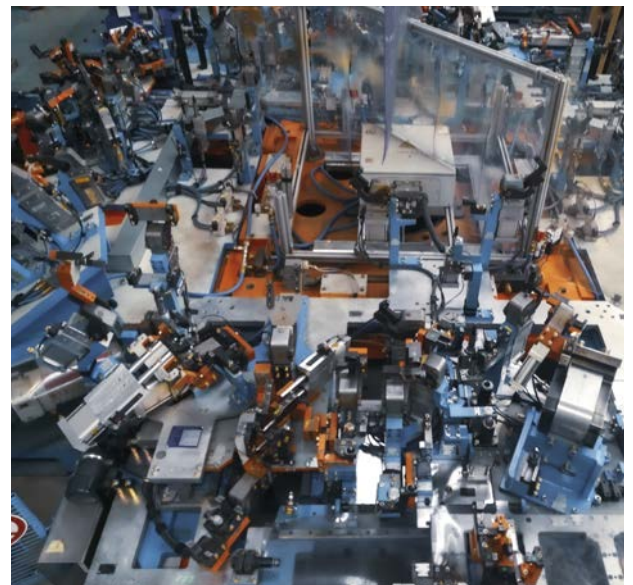
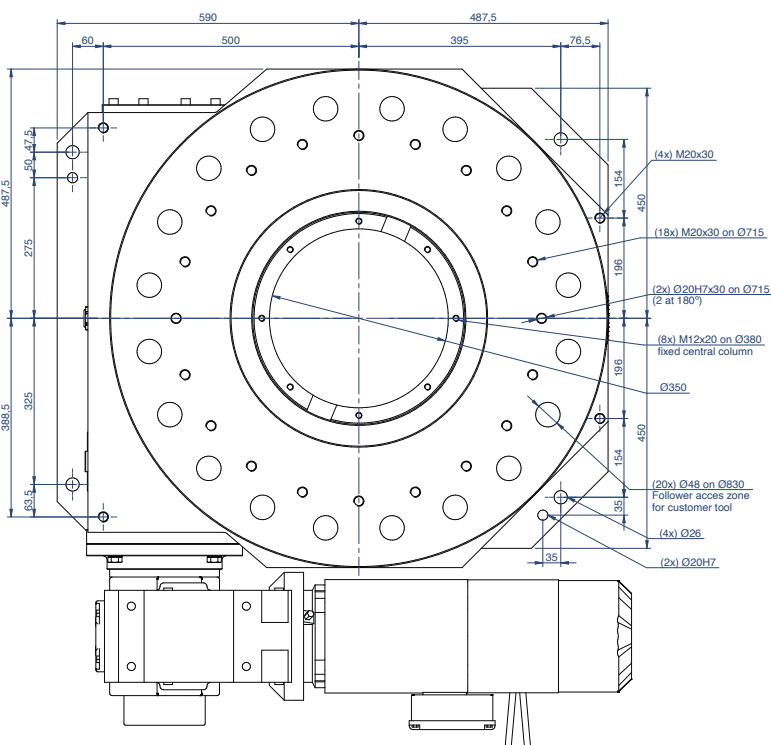
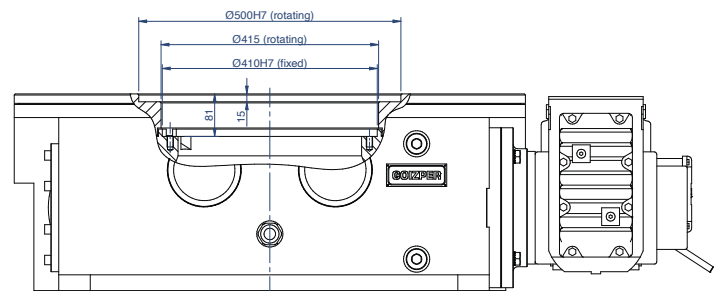
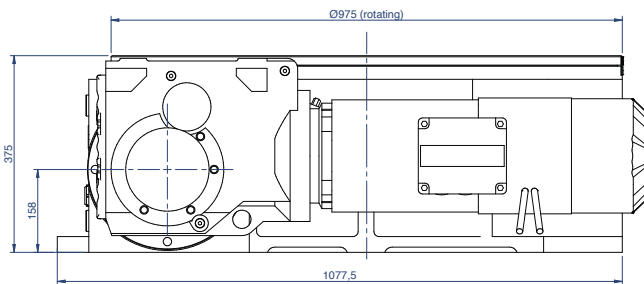


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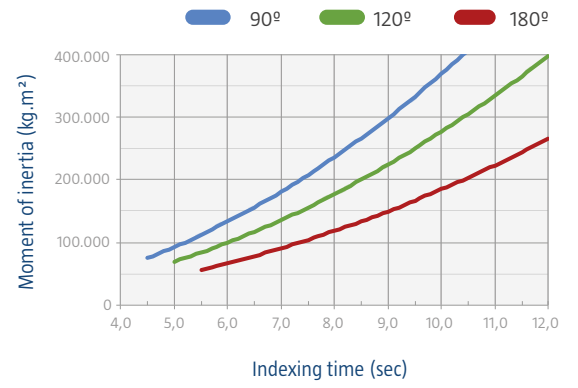
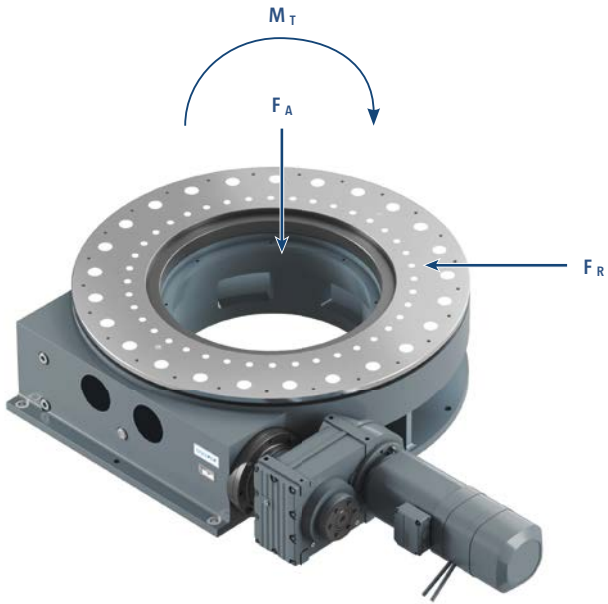


Permitted axial load (F_A)	200 kN
Permitted tilting torque (M_T)	53 kNm
Permitted radial load (F_R)	106 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

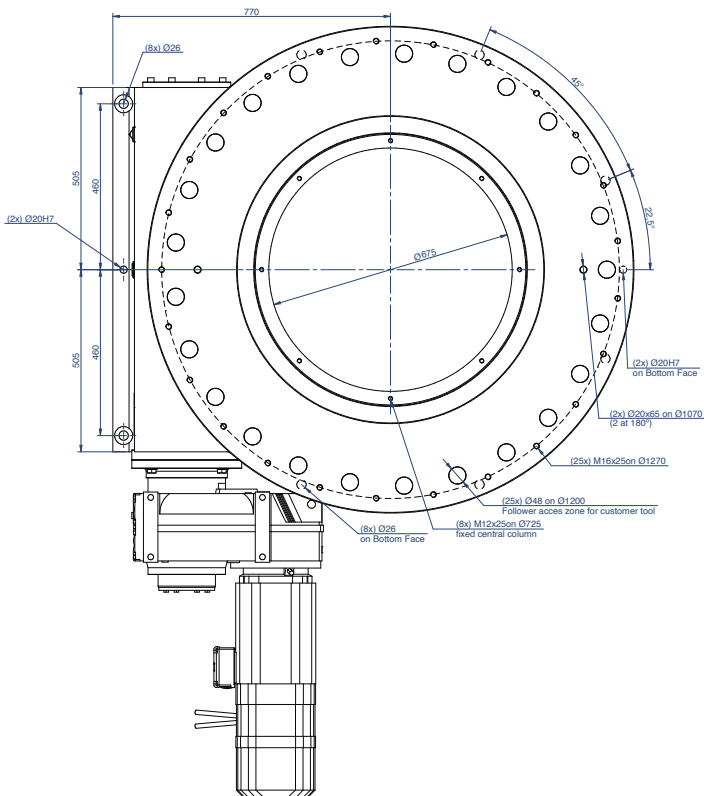
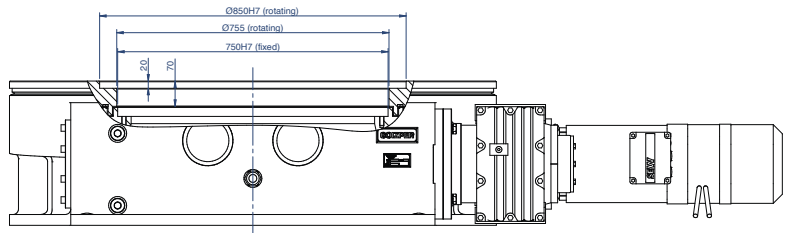
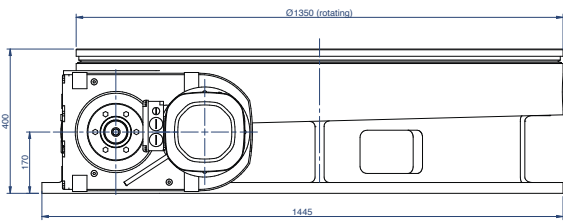


ZPGI 2400B

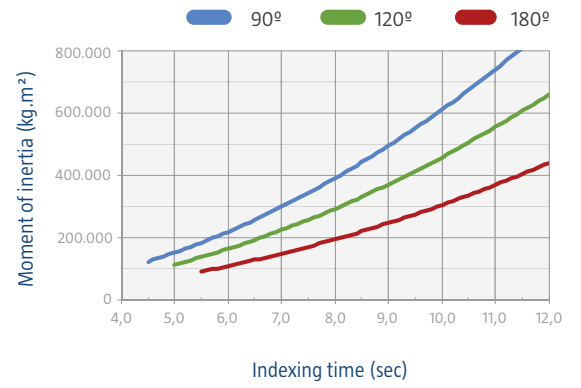
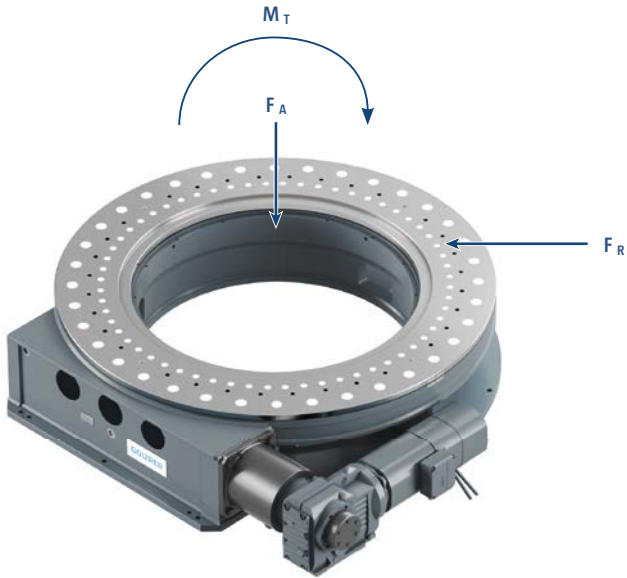


Permitted axial load (F_A)	300 kN
Permitted tilting torque (M_T)	132 kNm
Permitted radial load (F_R)	150 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

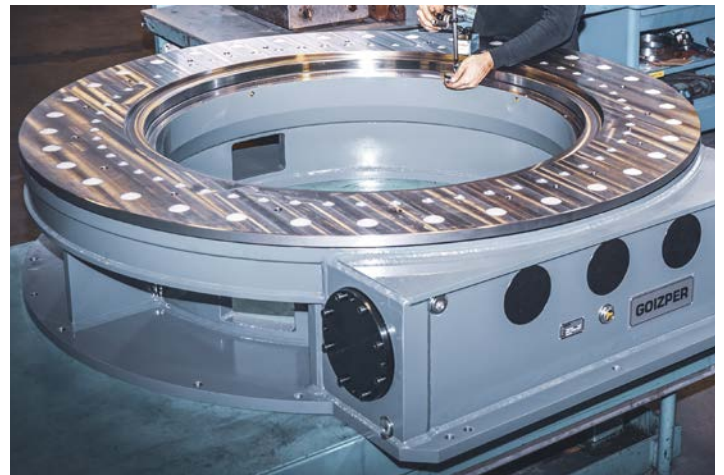
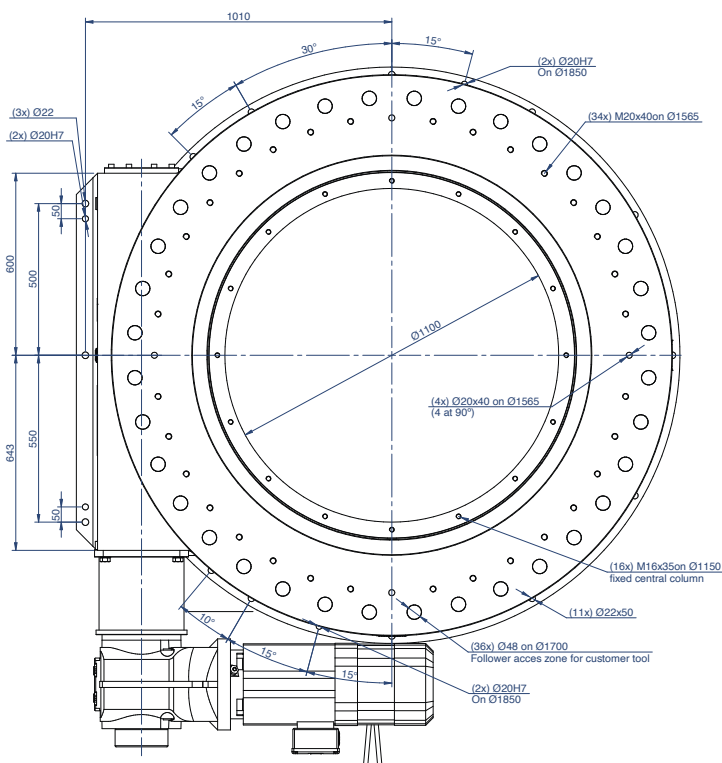
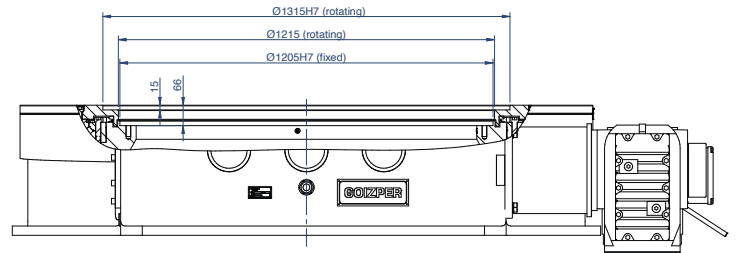
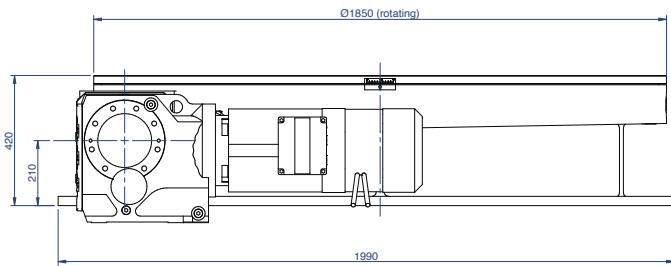


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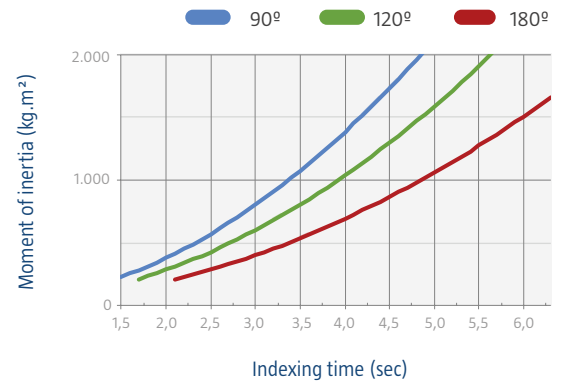
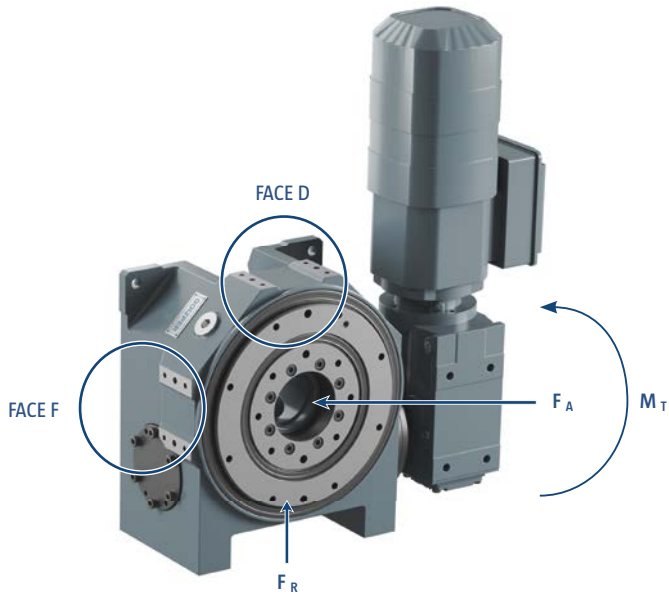


Permitted axial load (F_A)	400 kN
Permitted tilting torque (M_T)	341 kNm
Permitted radial load (F_R)	196 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

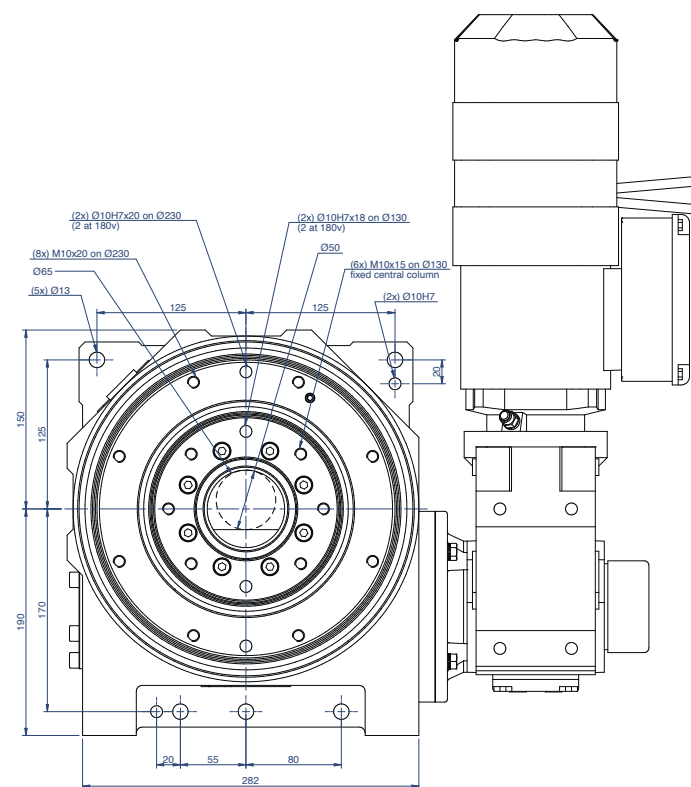
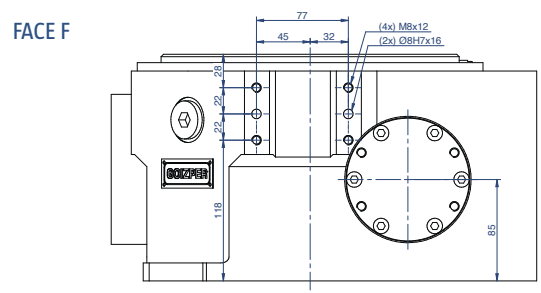
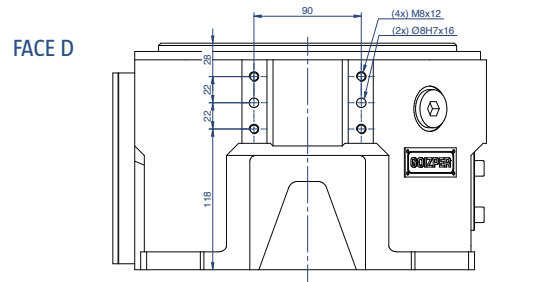
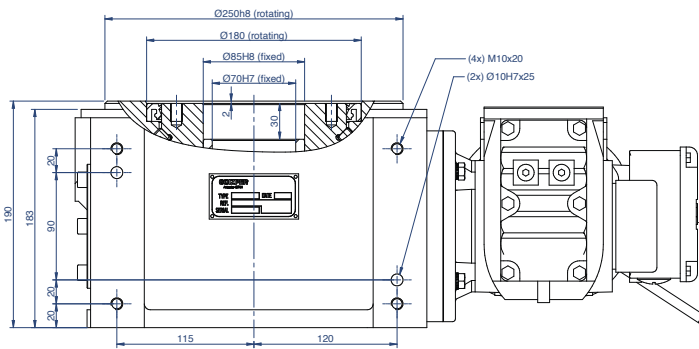


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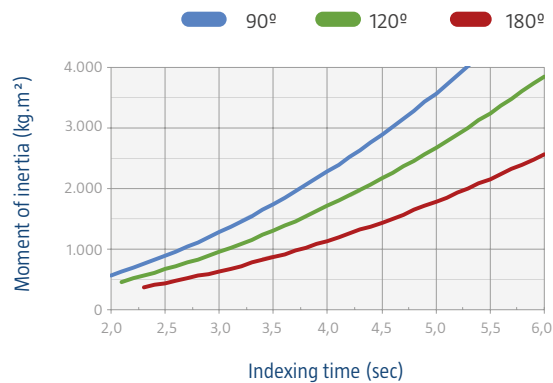
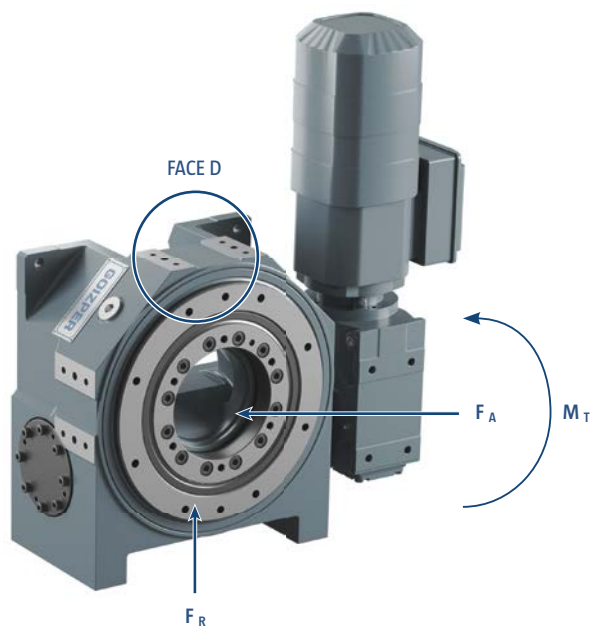


Permitted axial load (F_A)	40 kN
Permitted tilting torque (M_T)	6 kNm
Permitted radial load (F_R)	20 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

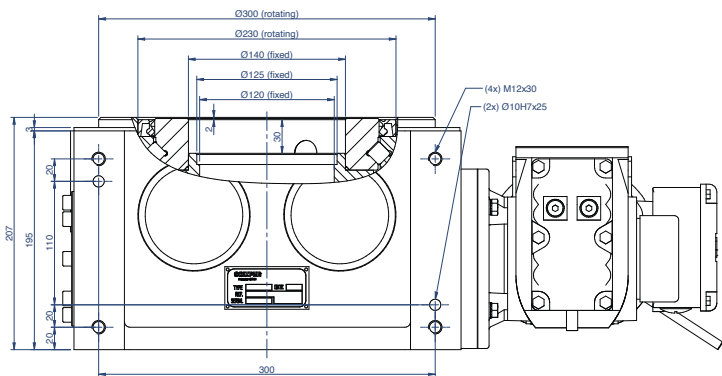


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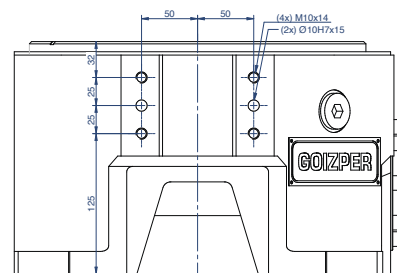


Permitted axial load (F_A)	60 kN
Permitted tilting torque (M_T)	12 kNm
Permitted radial load (F_R)	32 kN

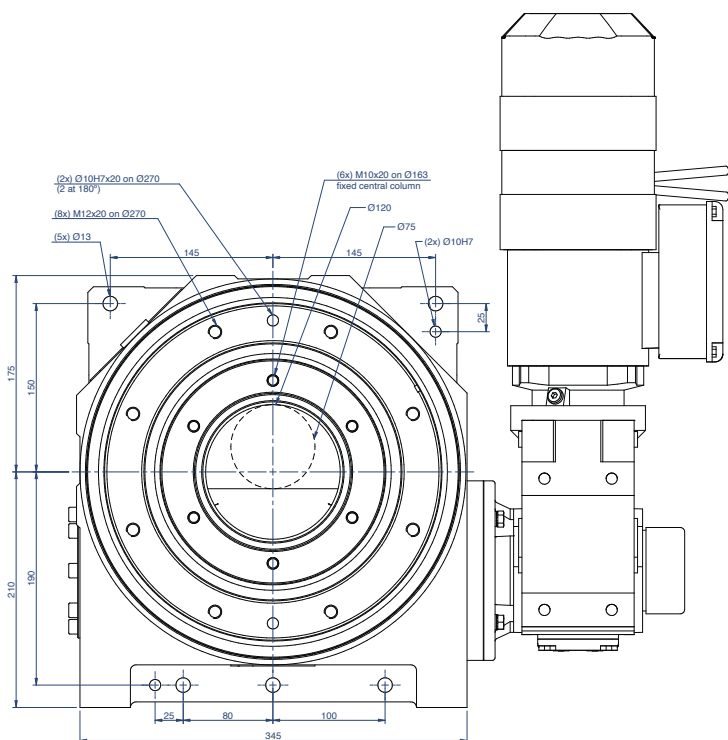
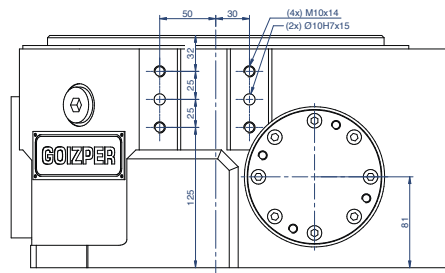
For combined permitted loads, tilting torques and external forces, ask validation to our technical team.



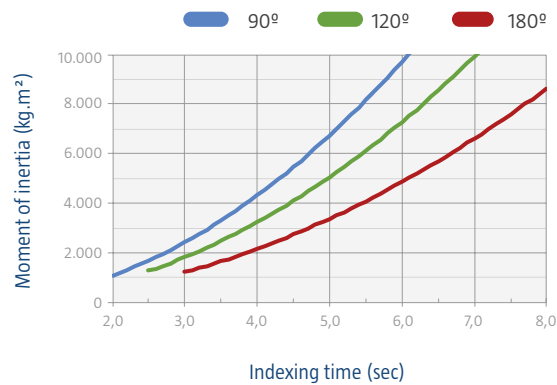
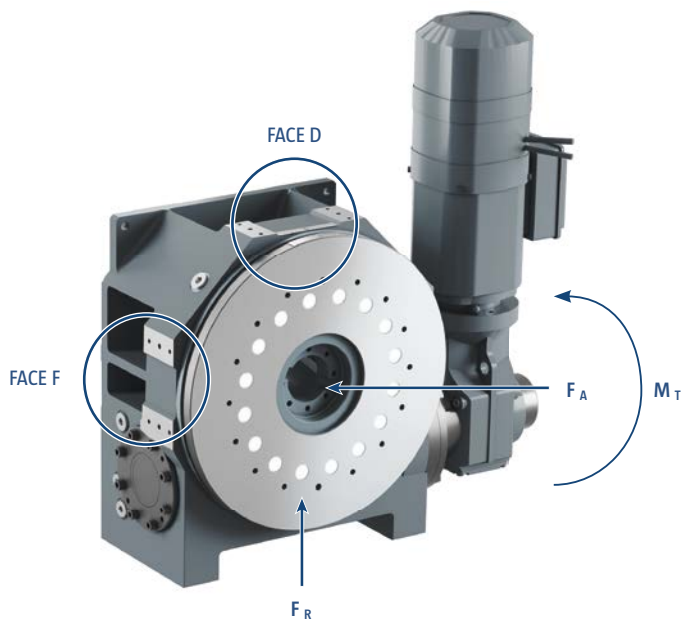
FACE D



FACE F

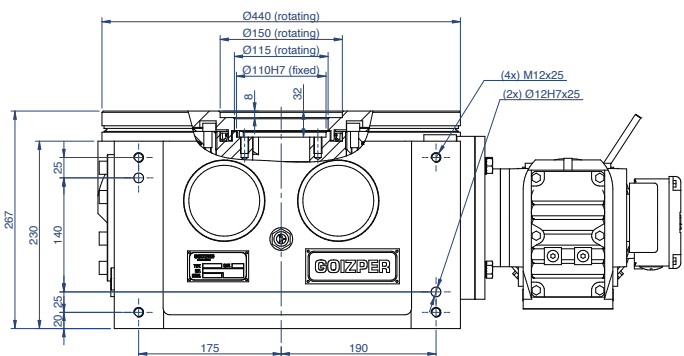


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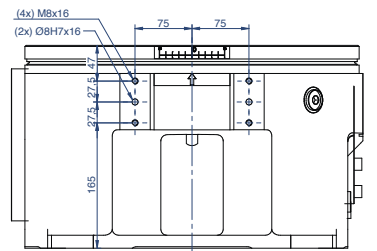


Permitted axial load (F_A)	80 kN
Permitted tilting torque (M_T)	17 kNm
Permitted radial load (F_R)	39 kN

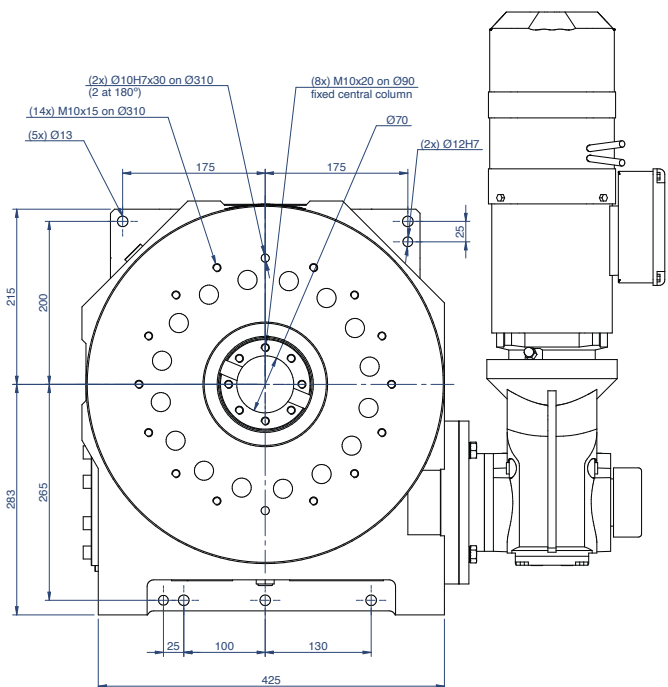
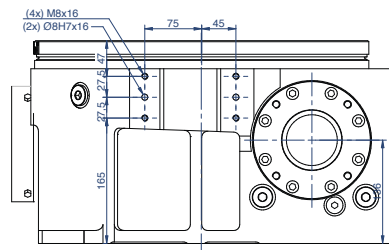
For combined permitted loads, tilting torques and external forces, ask validation to our technical team.



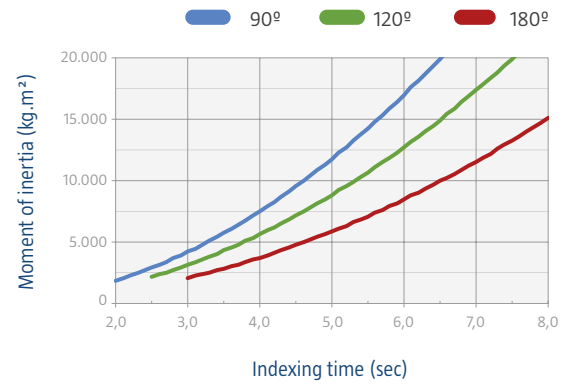
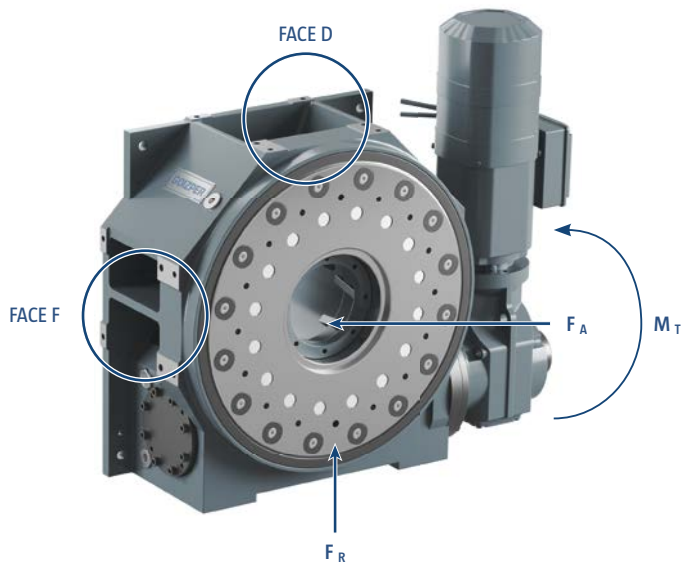
FACE D



FACE F

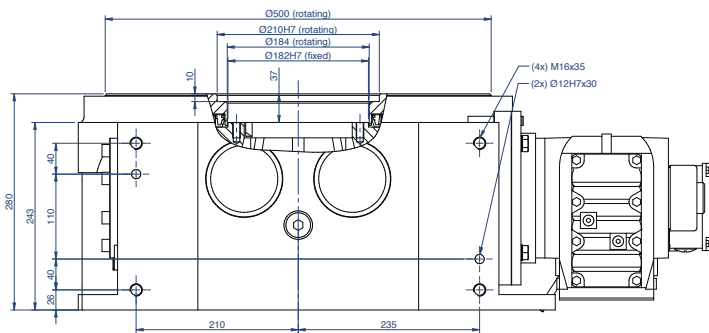


ZPGI 900U

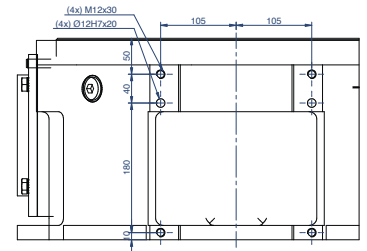


Permitted axial load (F_A)	90 kN
Permitted tilting torque (M_T)	24 kNm
Permitted radial load (F_R)	46 kN

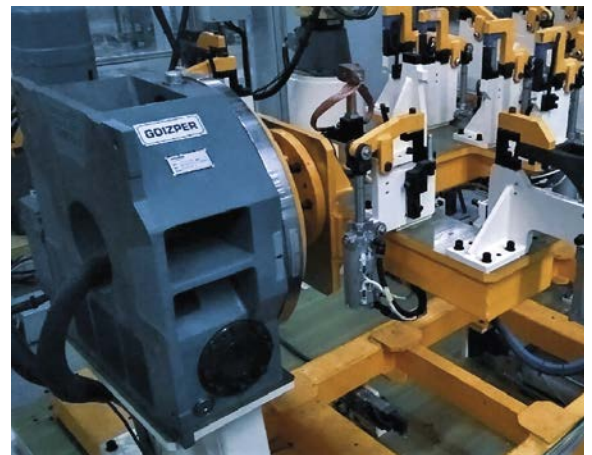
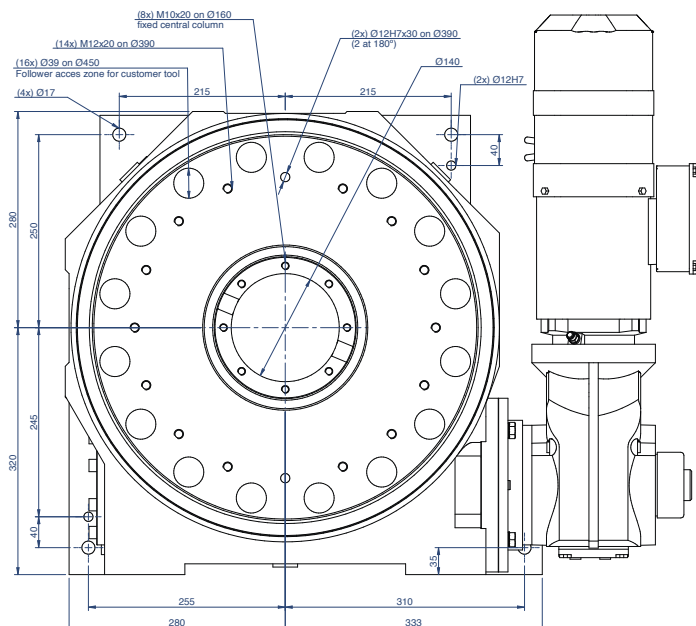
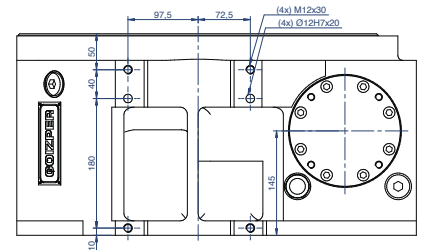
For combined permitted loads, tilting torques and external forces, ask validation to our technical team.



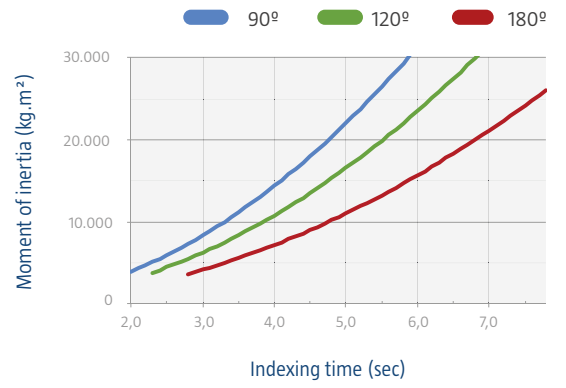
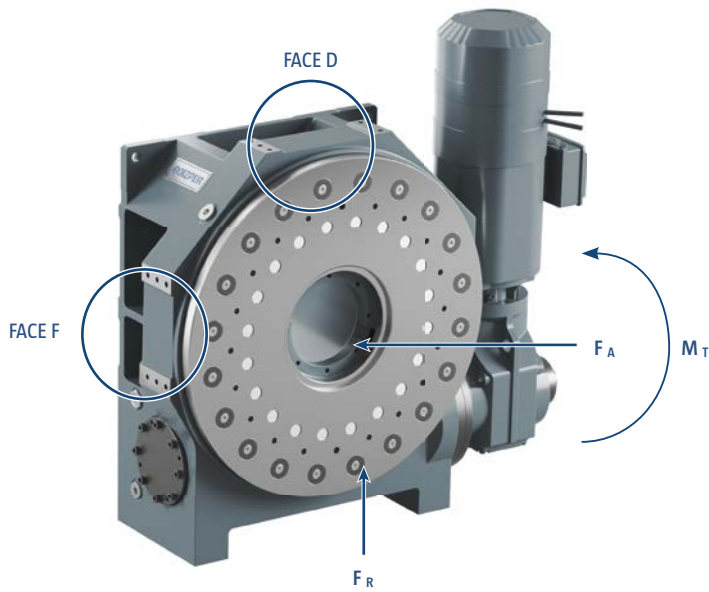
FACE D



FACE F

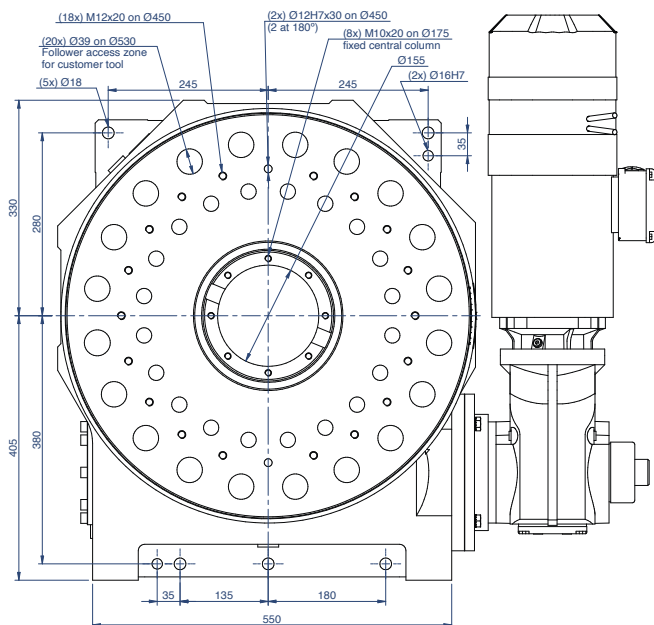
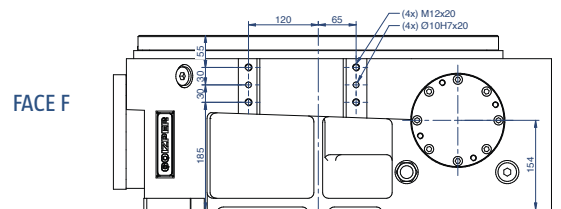
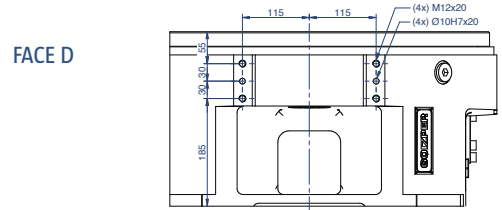
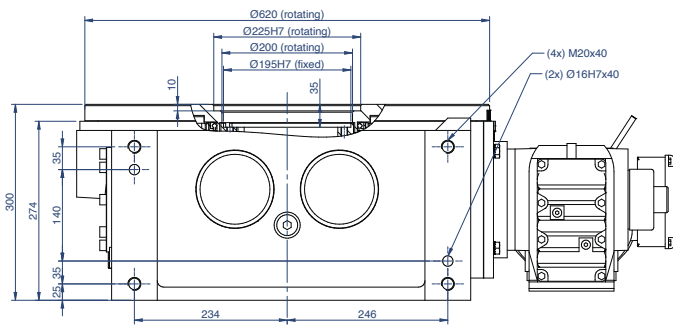


ZPGI 1100U

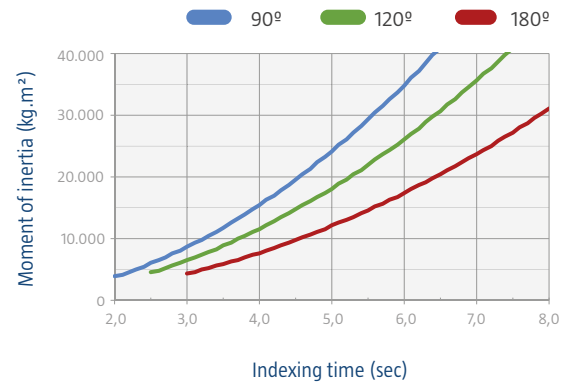
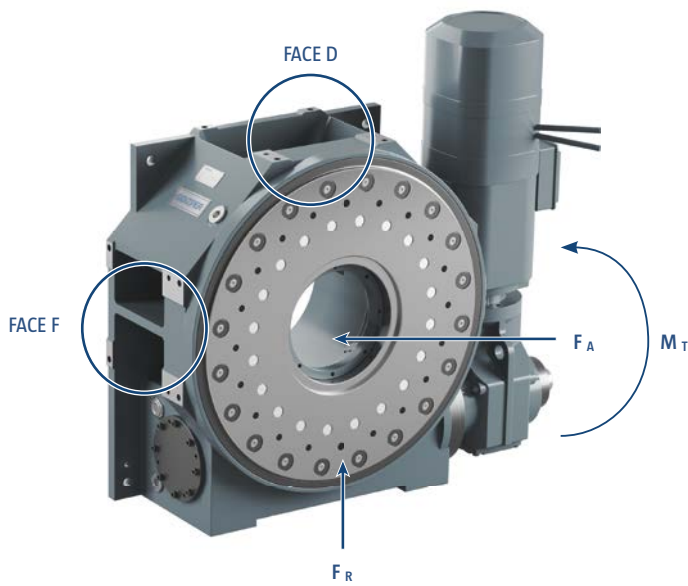


Permitted axial load (F_A)	110 kN
Permitted tilting torque (M_T)	47 kNm
Permitted radial load (F_R)	58 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

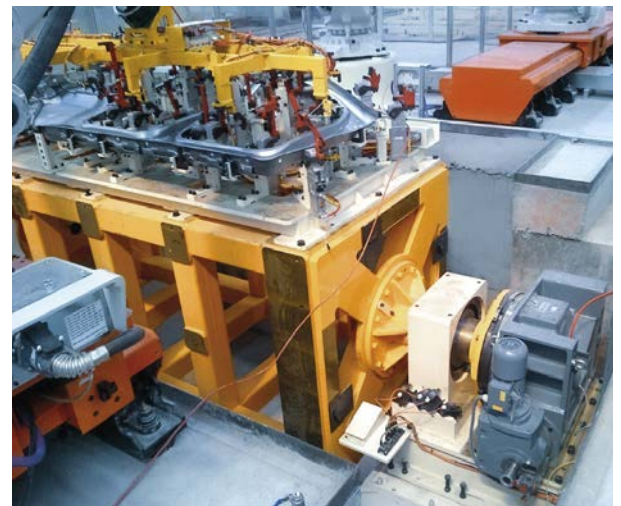
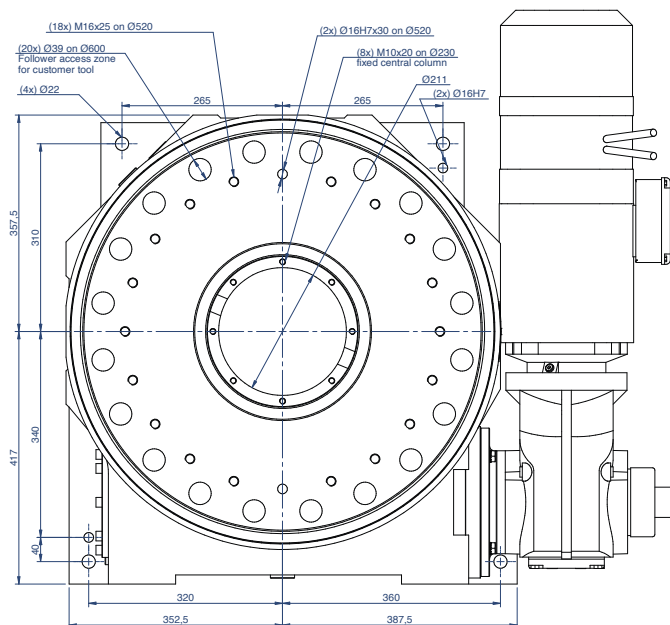
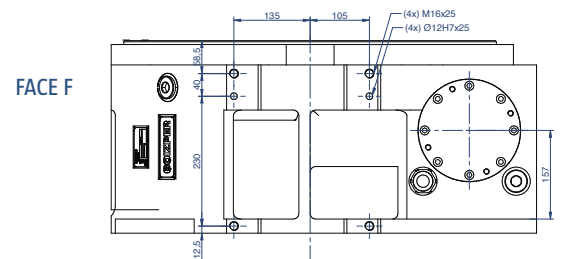
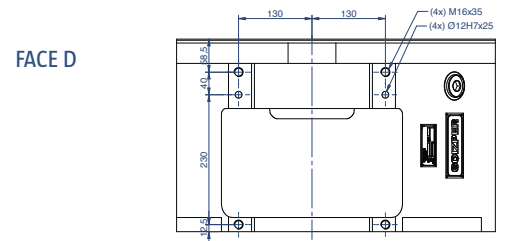
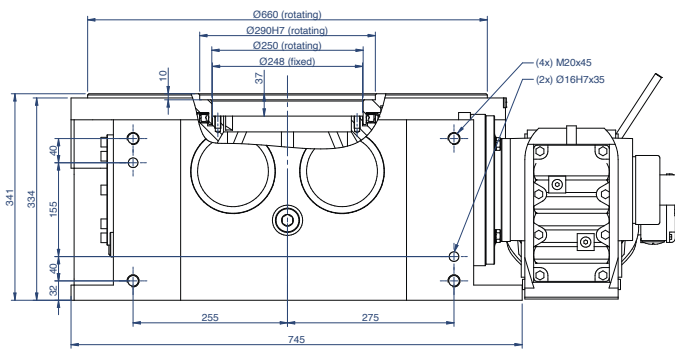


ZPGI 1200U

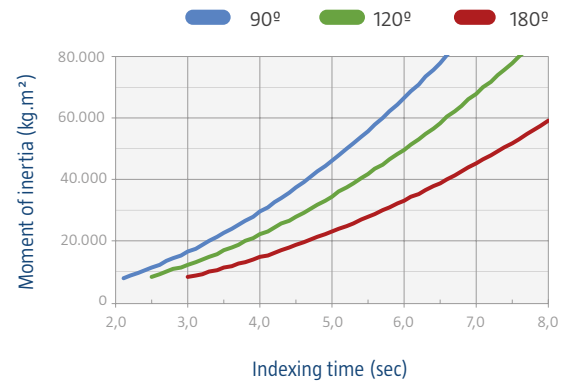
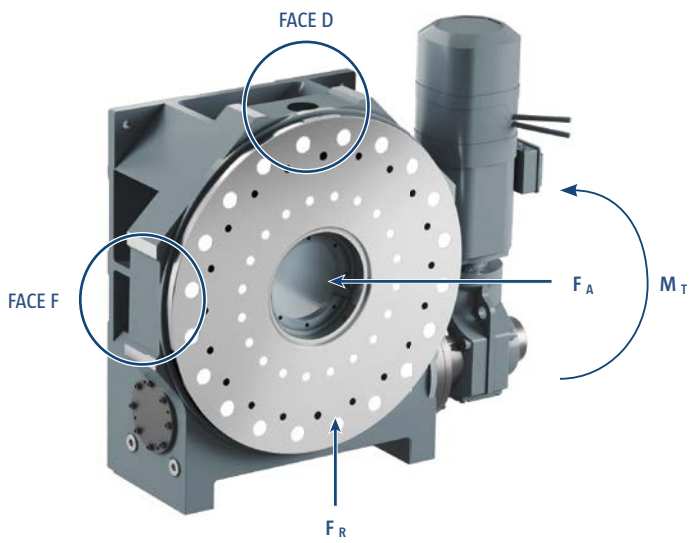


Permitted axial load (F_A)	120 kN
Permitted tilting torque (M_T)	68 kNm
Permitted radial load (F_R)	70 kN

For combined permitted loads, tilting torques and external forces, ask validation to our technical team.

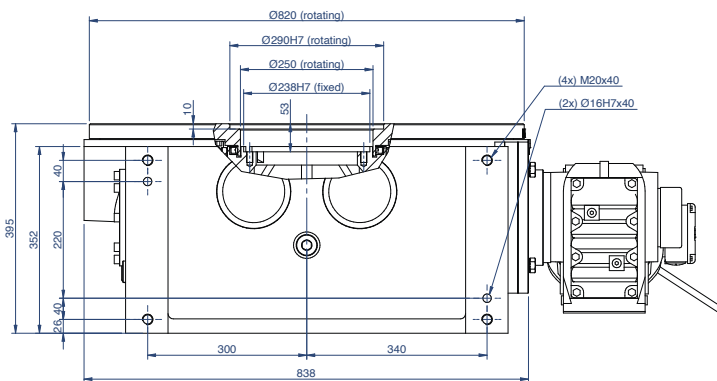


ZPGI 1400U

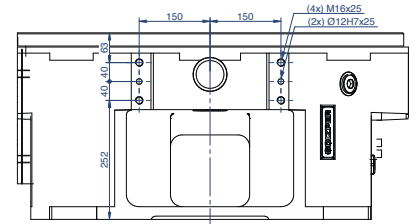


Permitted axial load (F_A)	160 kN
Permitted tilting torque (M_T)	71 kNm
Permitted radial load (F_R)	94 kN

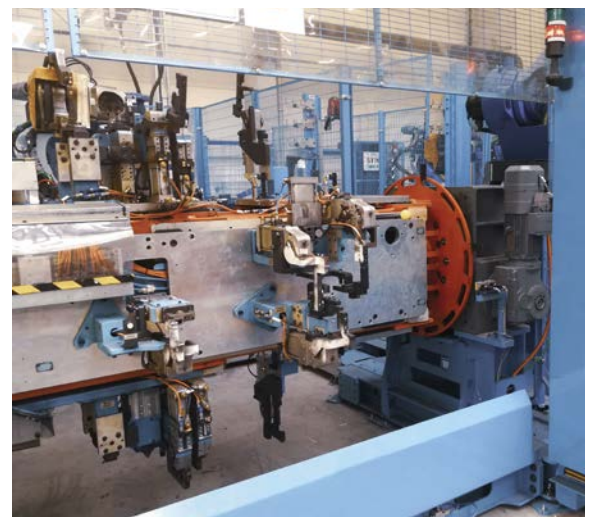
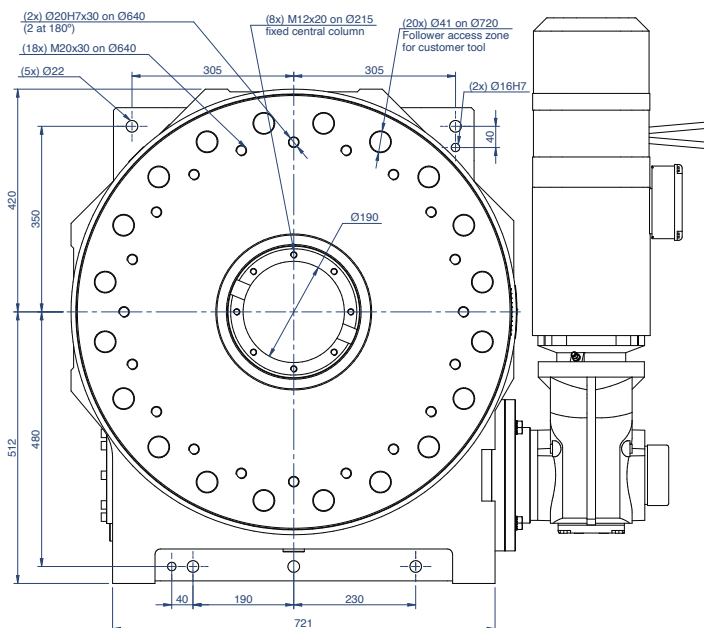
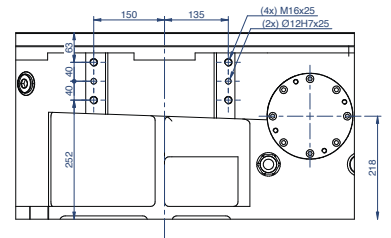
For combined permitted loads, tilting torques and external forces, ask validation to our technical team.



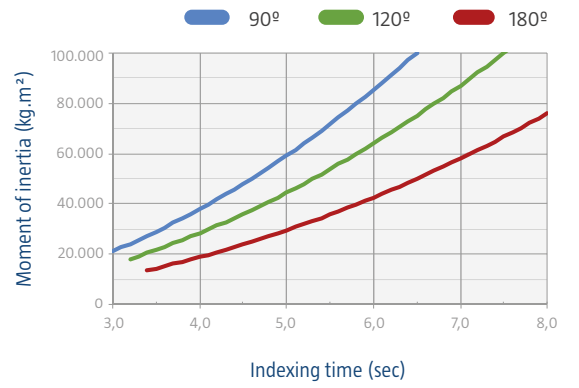
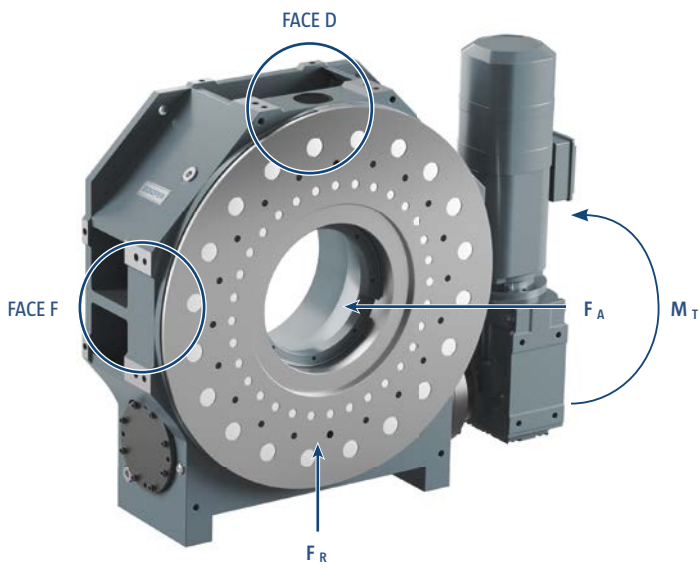
FACE D



FACE F

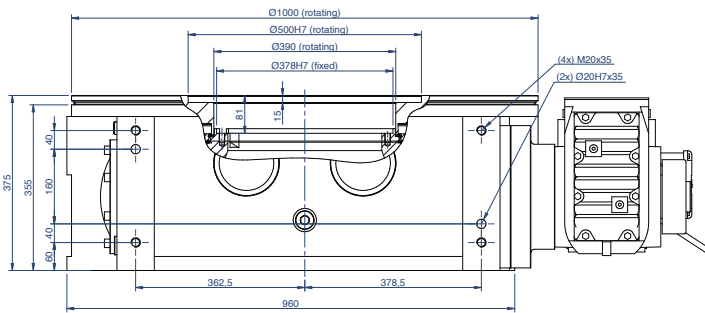


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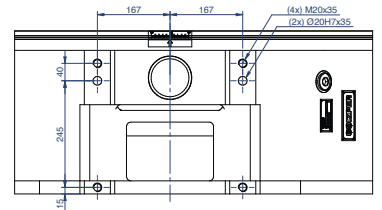


Permitted axial load (F_A)	200 kN
Permitted tilting torque (M_T)	106 kNm
Permitted radial load (F_R)	53 kN

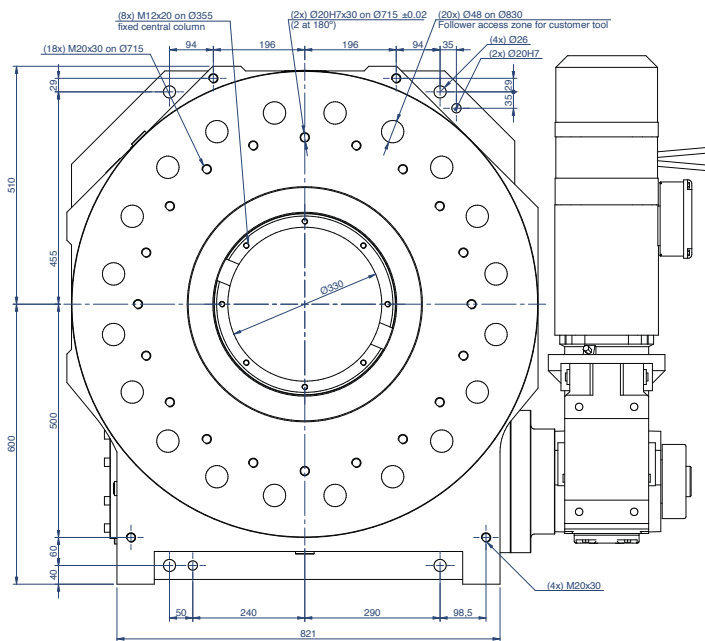
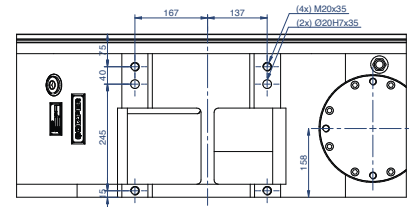
For combined permitted loads, tilting torques and external forces, ask validation to our technical team.



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:

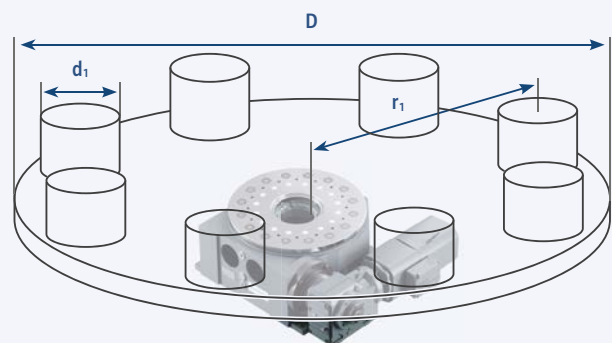
1. Rotating Plate - Dial Plate

DIMENSIONS / EXTERNAL FORCES & WEIGHT

DIAMETER (D) mm
 MASS kg

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

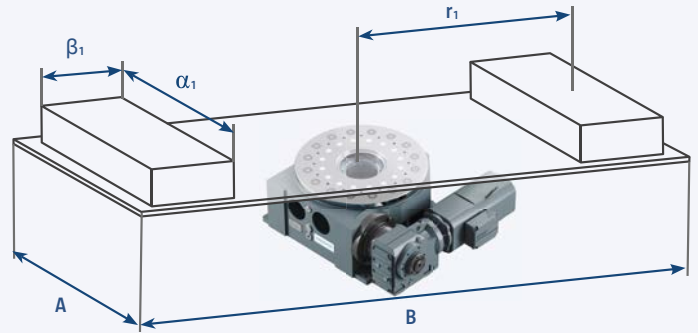
DIAMETER (d1) mm
 CG RADIUS (r1) mm
 MASS per jig/tooling kg
 NUMBER of jig/tooling



2. Rotating Plate - Vertical - Welding

FRAME

A	<input type="text"/>	mm
B	<input type="text"/>	mm
M	<input type="text"/>	kg
Swing \varnothing D	<input type="text"/>	mm



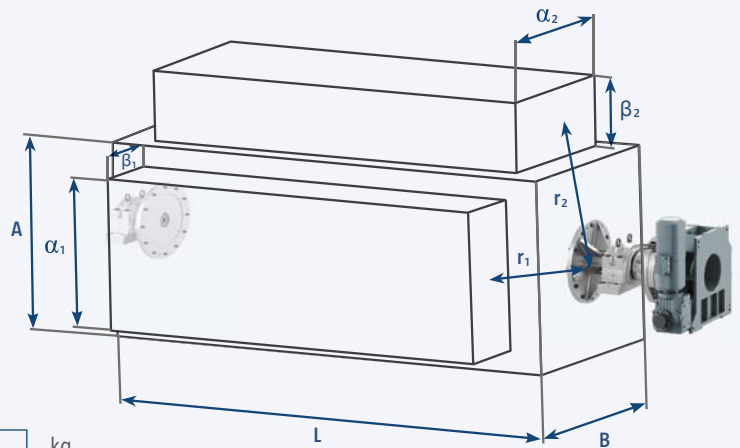
N° TOOLING

α_1	<input type="text"/>	mm	m_1	<input type="text"/>	kg
β_1	<input type="text"/>	mm	r_1	<input type="text"/>	mm
α_2	<input type="text"/>	mm	m_2	<input type="text"/>	kg
β_2	<input type="text"/>	mm	r_2	<input type="text"/>	mm

3. Trunion - Horizontal - Welding

FRAME

A	<input type="text"/>	mm
B	<input type="text"/>	mm
L	<input type="text"/>	mm
M	<input type="text"/>	kg



N° TOOLING

α_1	<input type="text"/>	mm	m_1	<input type="text"/>	kg
β_1	<input type="text"/>	mm	r_1	<input type="text"/>	mm
α_2	<input type="text"/>	mm	m_2	<input type="text"/>	kg
β_2	<input type="text"/>	mm	r_2	<input type="text"/>	mm

ADDITIONAL EXTERNAL FORCES

AXIAL FORCE	F_A	<input type="text"/>	(N)	at r	F_A	<input type="text"/>	mm
RADIAL FORCE	F_R	<input type="text"/>	(N)	at r	F_R	<input type="text"/>	mm
TILT MOMENT	M_k	<input type="text"/>	(Nm)	at r	M_k	<input type="text"/>	mm

SPECIAL NOTES / MORE INFORMATION

MOTOR SELECTION AND INFORMATION

MOTOR BRAND	<input type="text"/>	GOIZPER STANDARD	<input type="text"/>	OTHER
VOLTAGE	<input type="text"/>	V		
FREQUENCY	<input type="text"/>	Hz		

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IN POWER TRANSMISSION



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