

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.

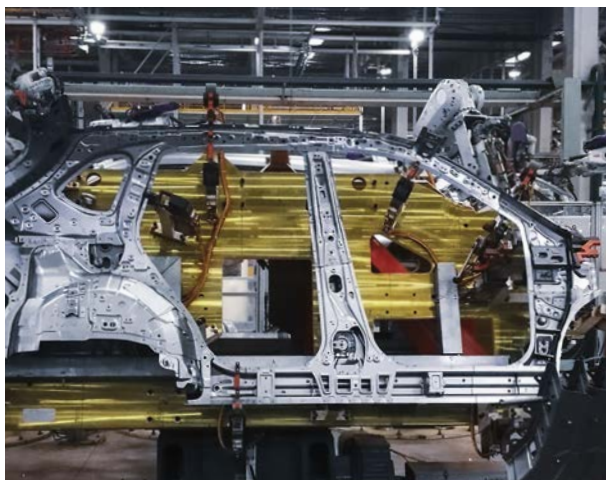
More than 60 years working alongside customers, studying the market and investigating solutions allow GOIZPER to offer the **greatest technological expertise**, which is one of its distinctive strengths.

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

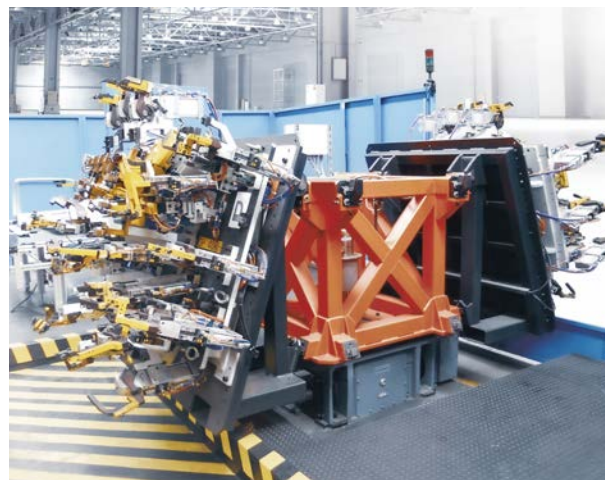
Having its own **highly qualified** production team is an important competitive advantage that gives great autonomy and **flexibility**.

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...



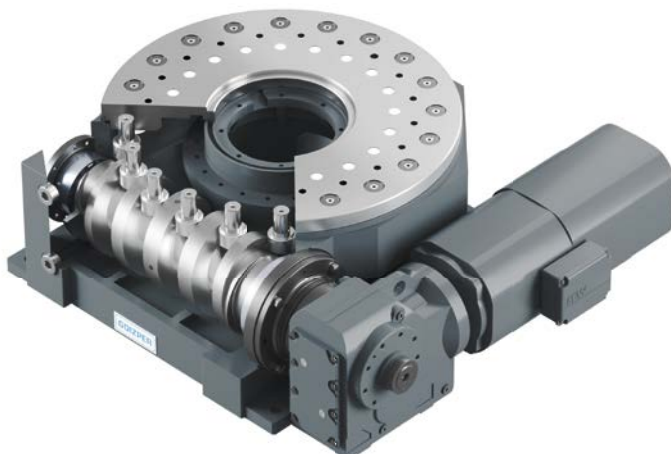
FOOD & BEVERAGE

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



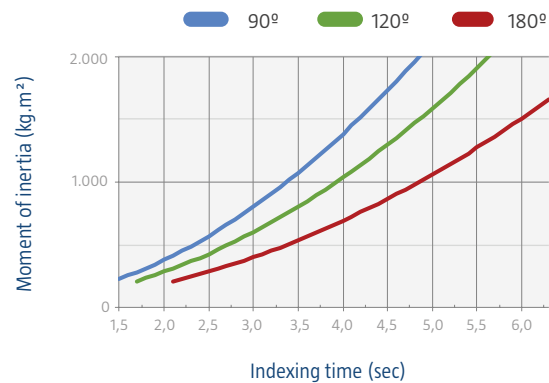
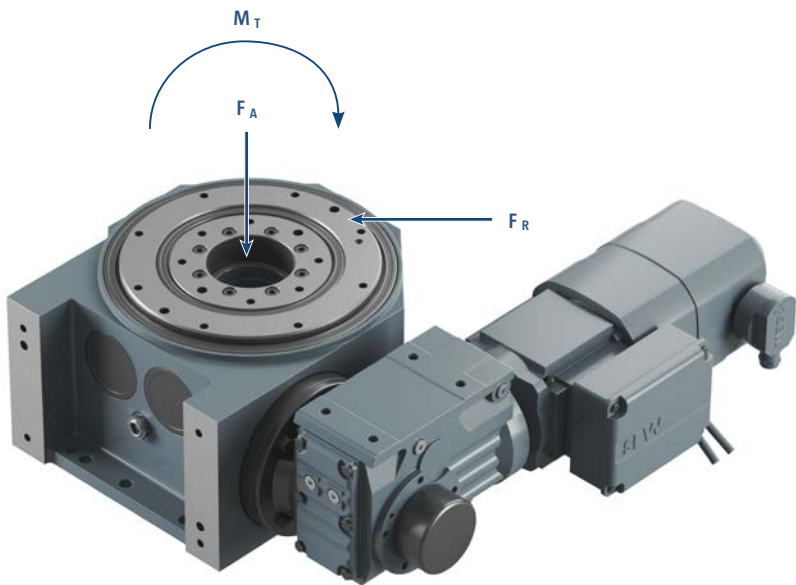
OTHER SECTORS

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



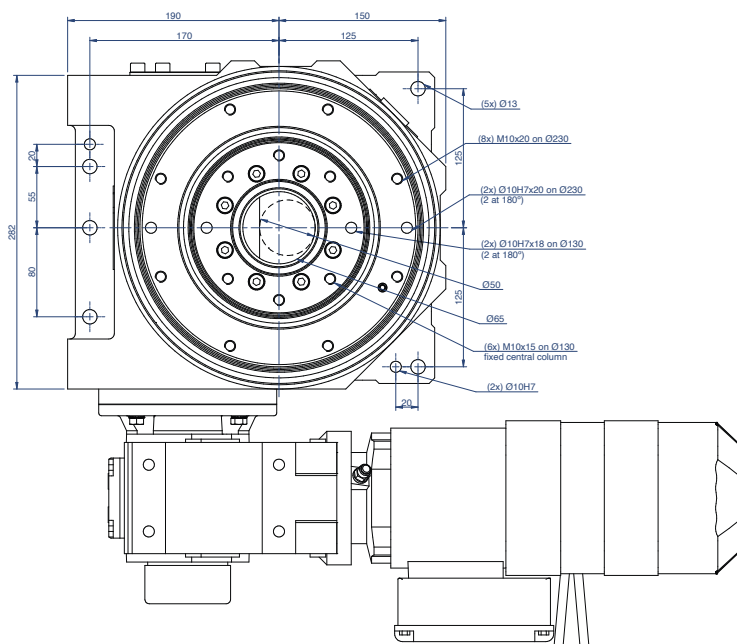
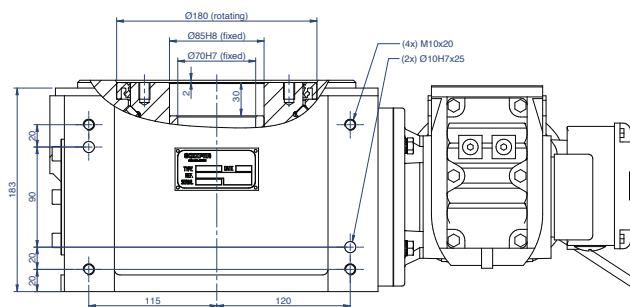
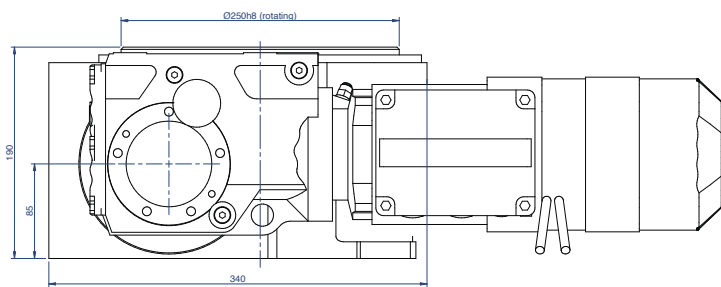
With different reducer configuration and adaptable to any servo brand: Fanuc, Siemens, Yaskawa, ABB...

ZPGI 400B

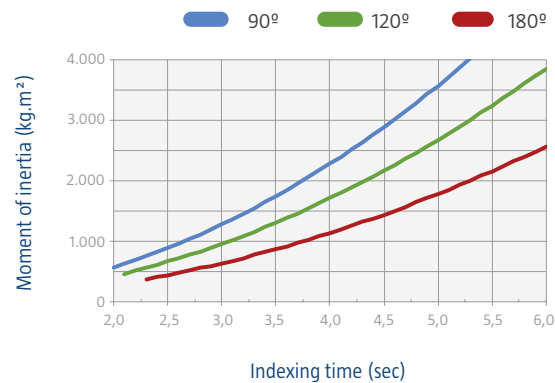
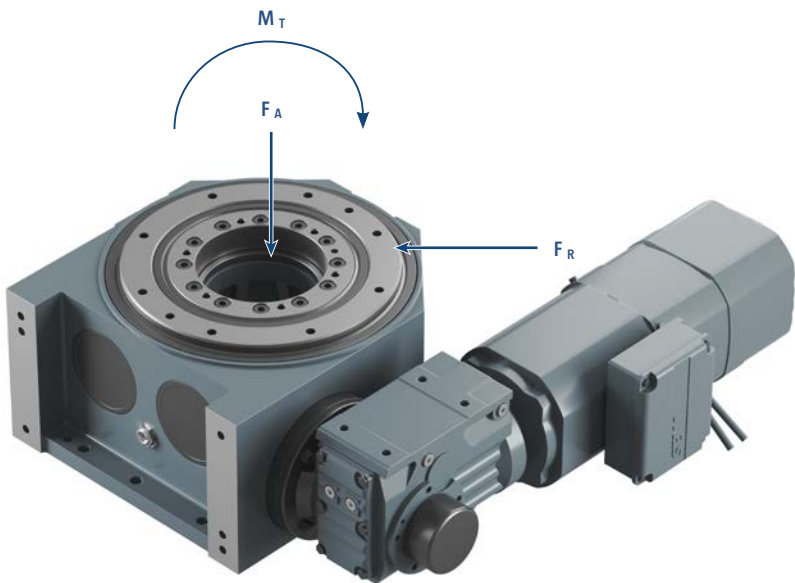


Permitted axial load (F_A)	40 kN
Permitted tilting torque (M_T)	4 kNm
Permitted radial load (F_R)	20 kN

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

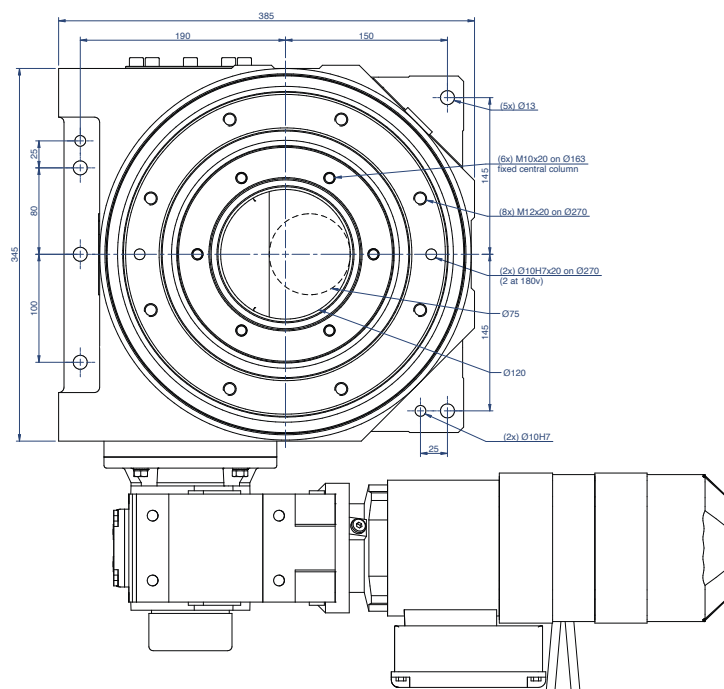
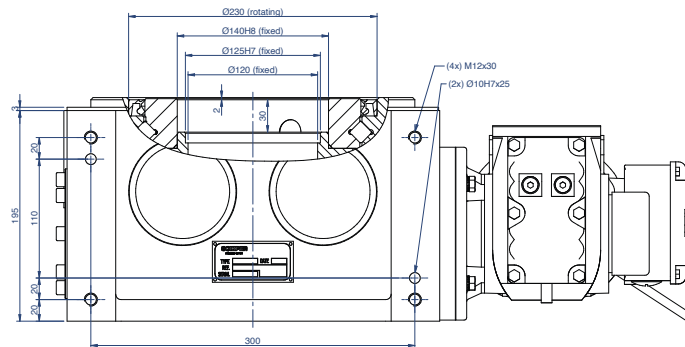
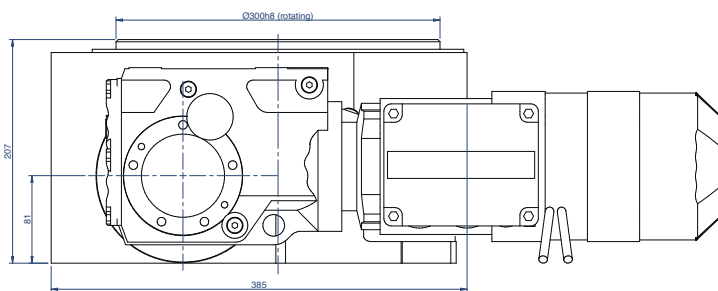


ZPGI 600B

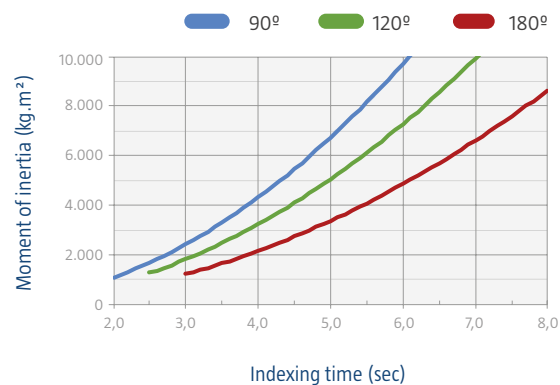
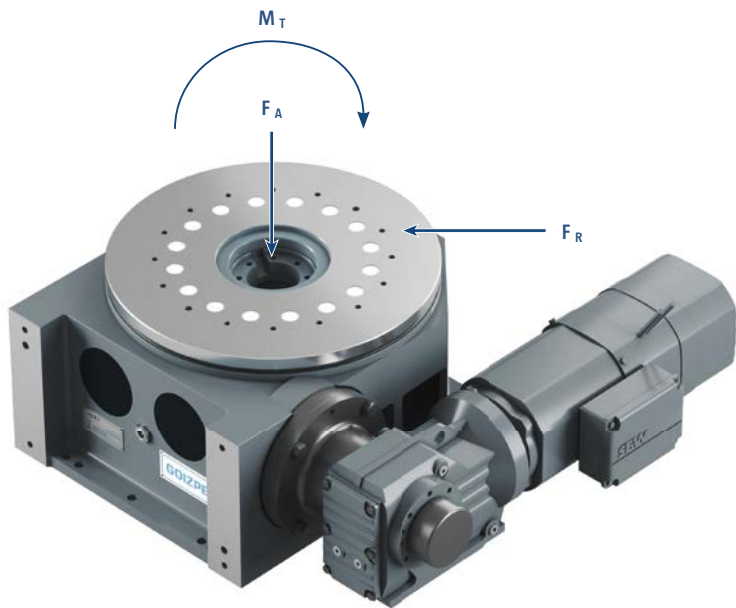


Permitted axial load (F _A)	60 kN
Permitted tilting torque (M _T)	7 kNm
Permitted radial load (F _R)	32 kN

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

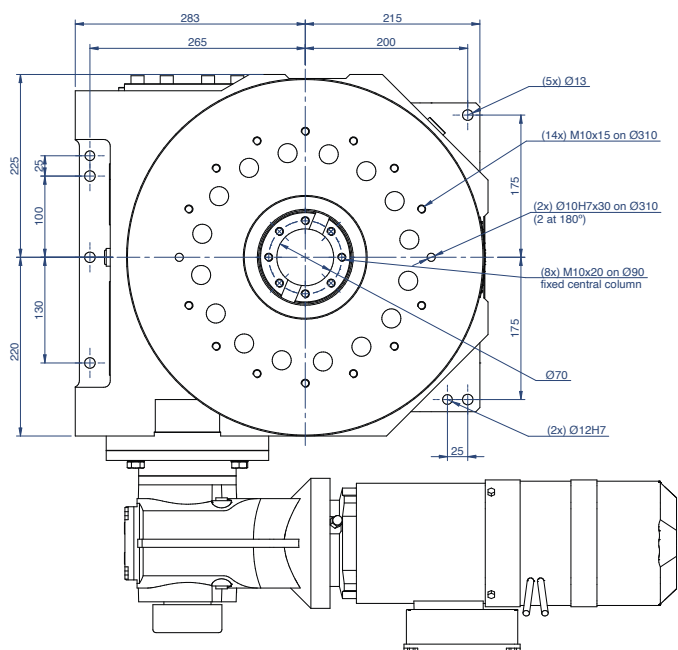
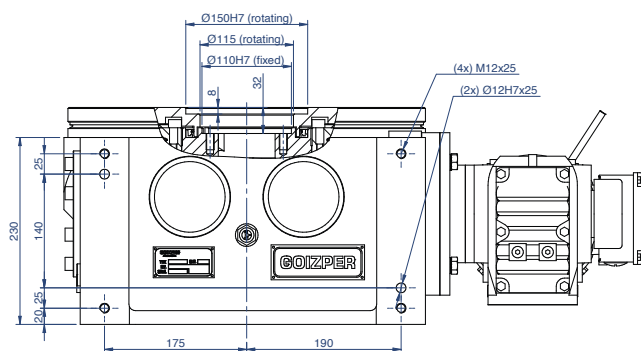
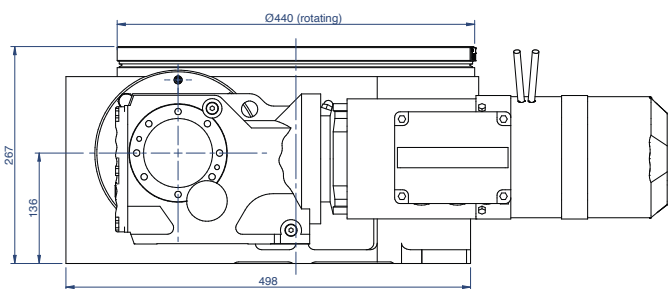


ZPGI 800B

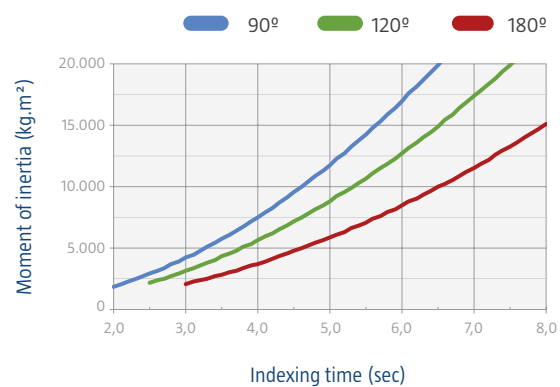
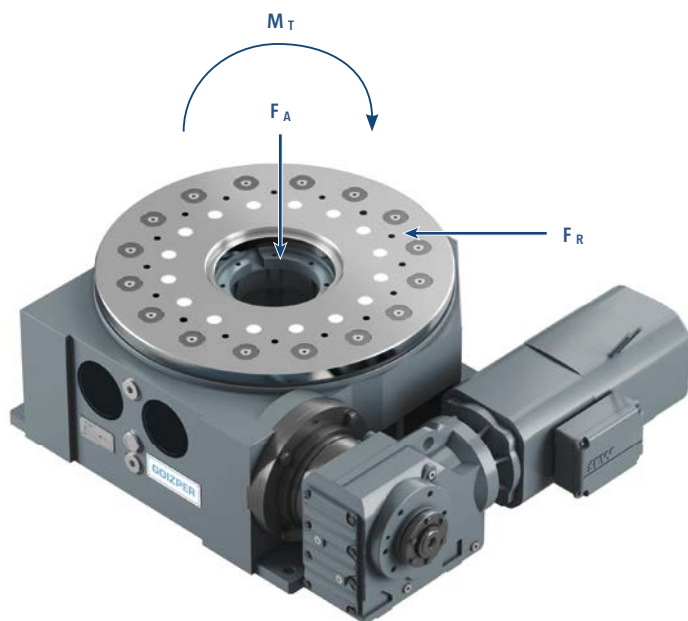


Permitted axial load (F_A)	80 kN
Permitted tilting torque (M_T)	8,7 kNm
Permitted radial load (F_R)	39 kN

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

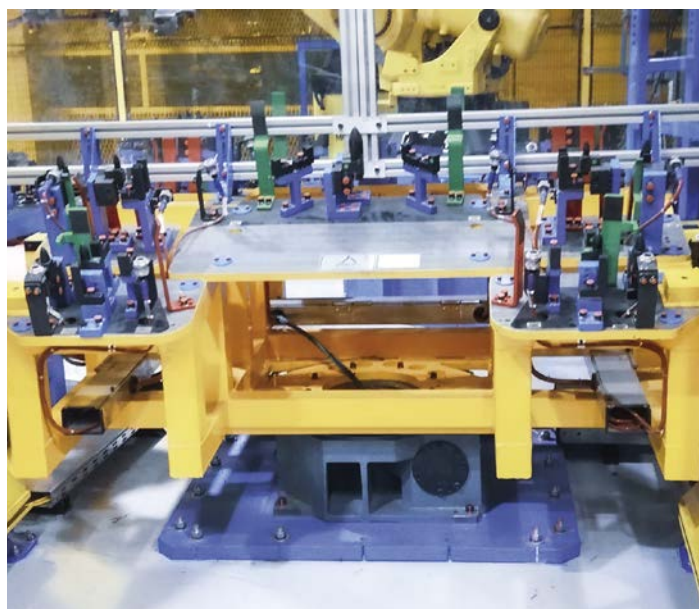
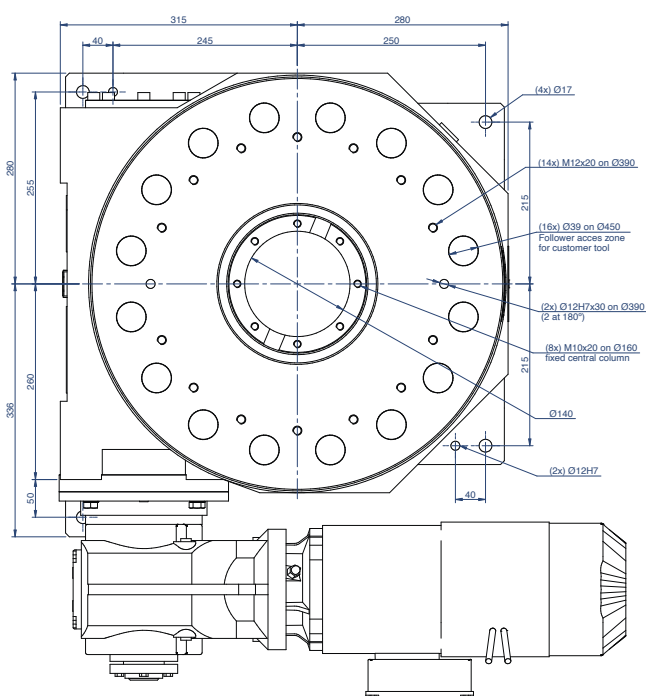
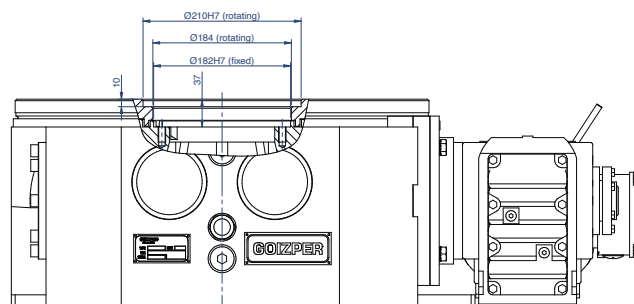
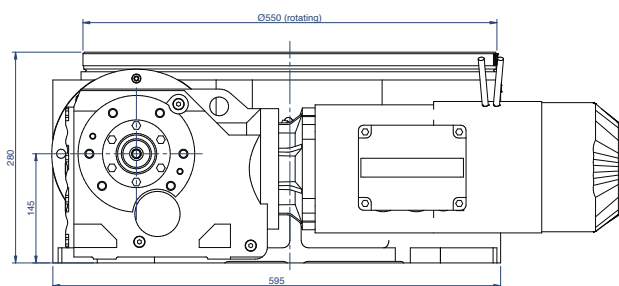


ZPGI 900B

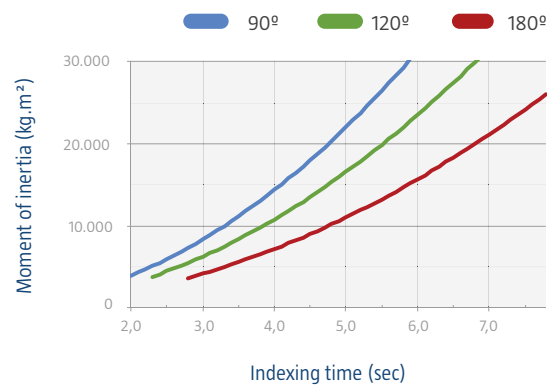
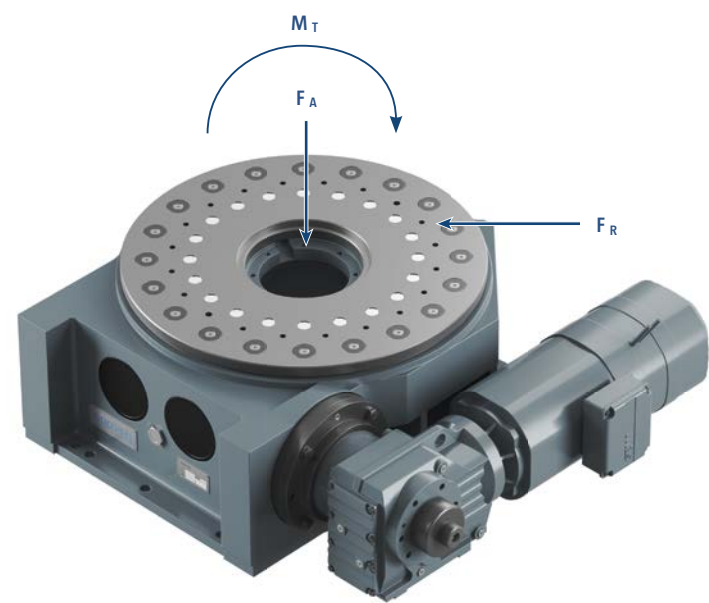


Permitted axial load (F_A)	90 kN
Permitted tilting torque (M_T)	12 kNm
Permitted radial load (F_R)	46 kN

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

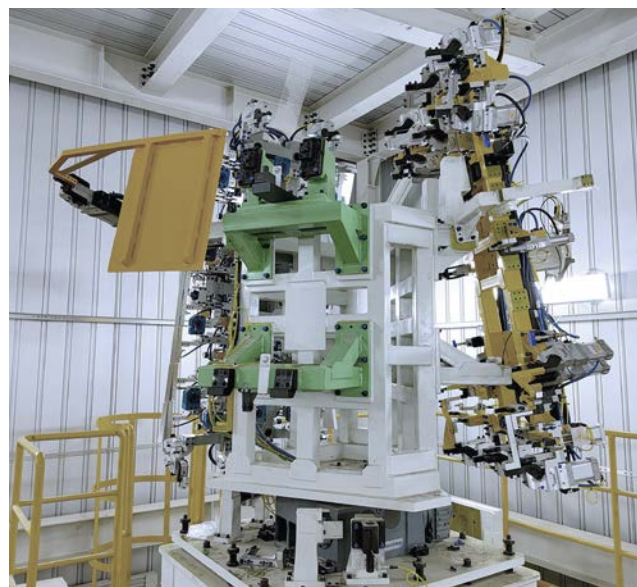
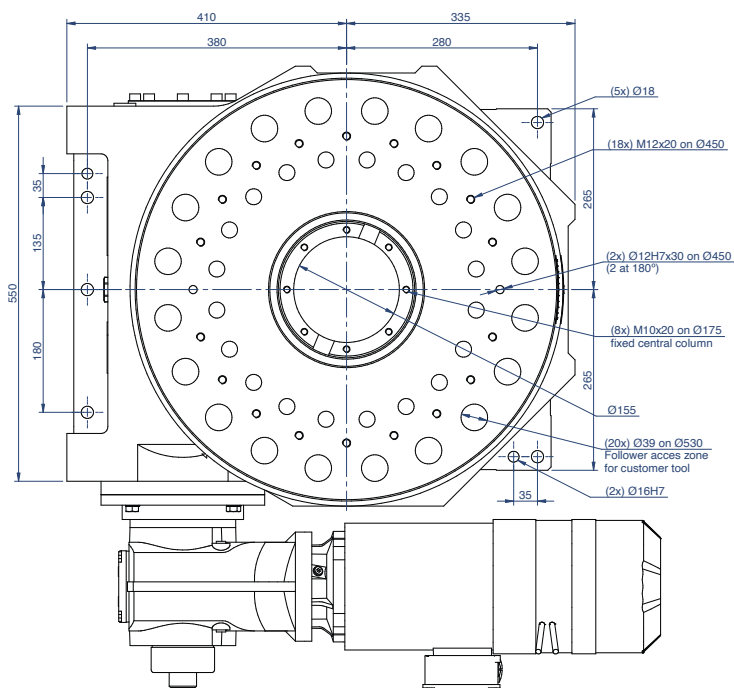
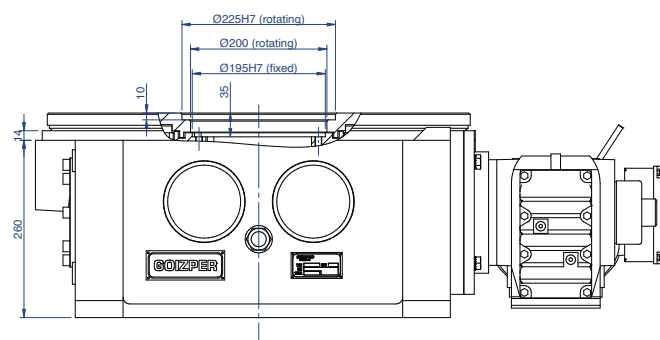
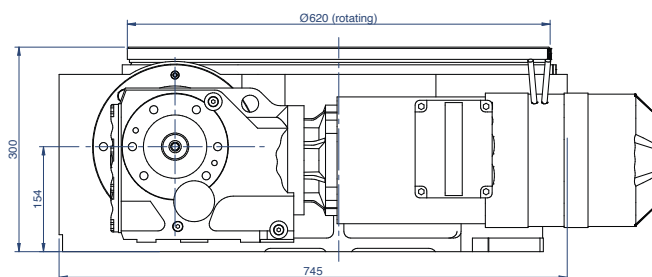


ZPGI 1100B

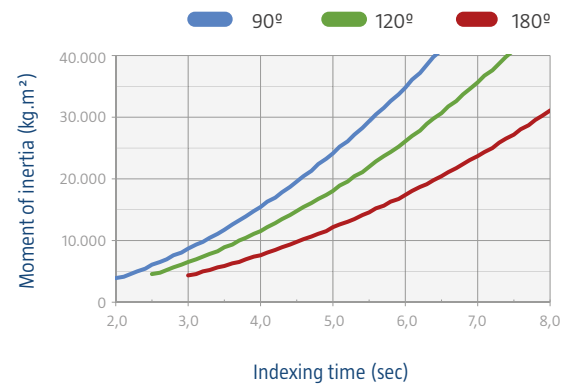
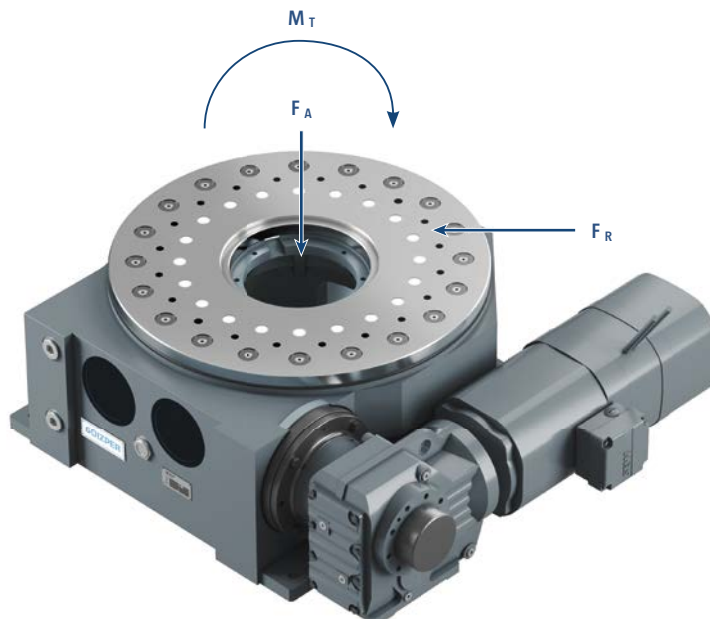


Permitted axial load (F_A)	110 kN
Permitted tilting torque (M_T)	24 kNm
Permitted radial load (F_R)	58 kN

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

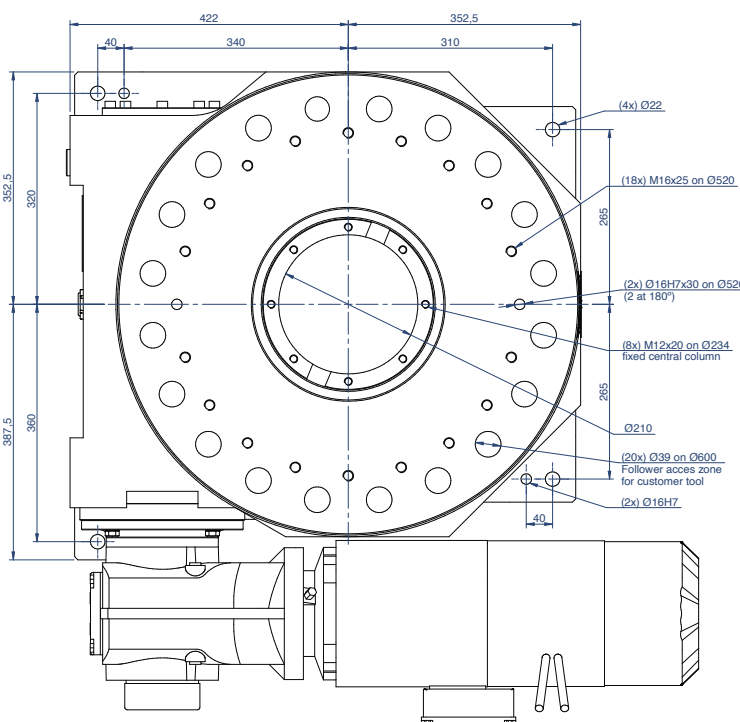
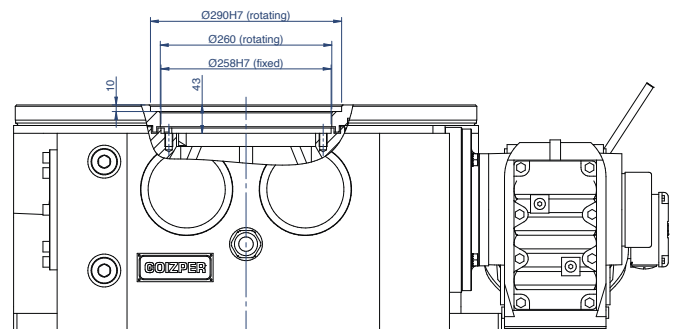
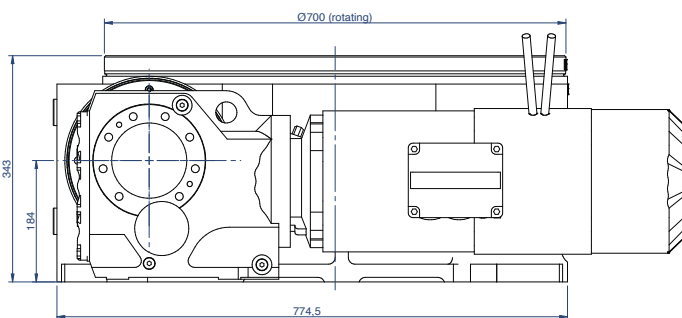


ZPGI 1200B

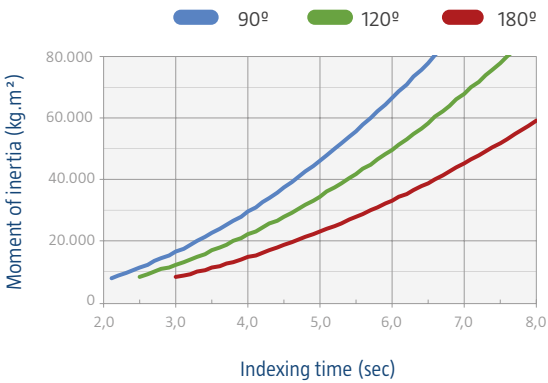
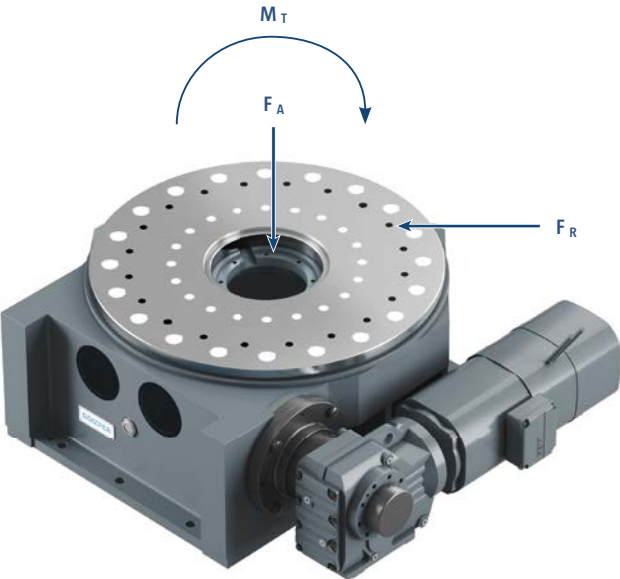


Permitted axial load (F_A)	120 kN
Permitted tilting torque (M_T)	35 kNm
Permitted radial load (F_R)	70 kN

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

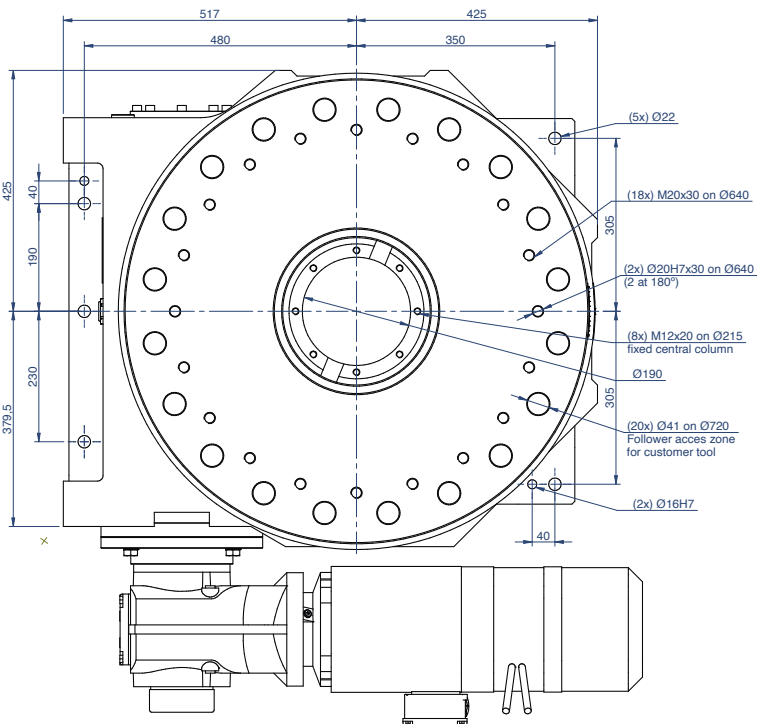
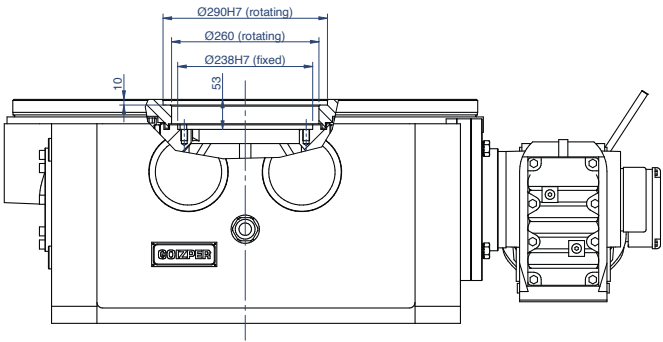
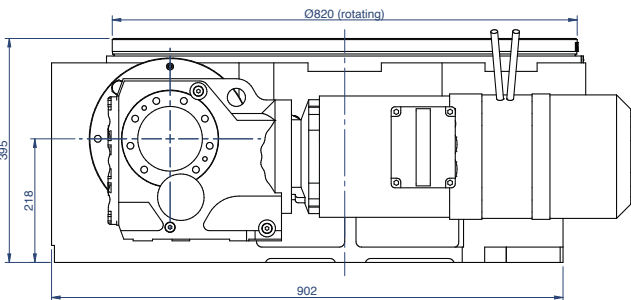


ZPGI 1400B

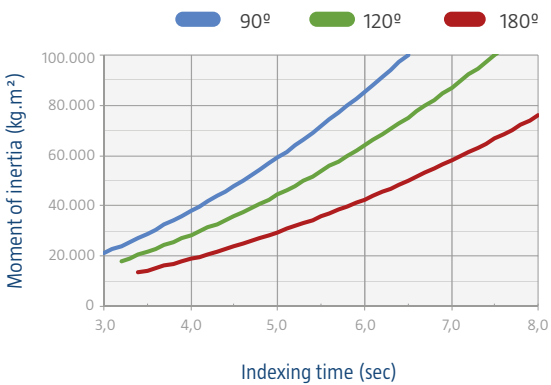
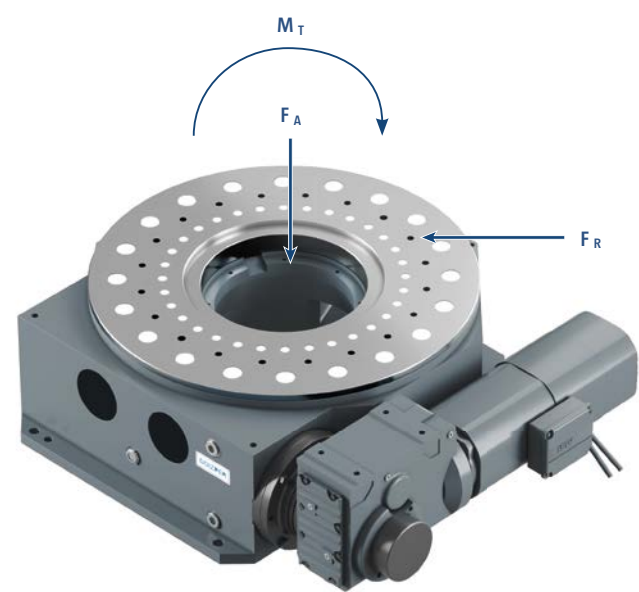


Permitted axial load (F_A)	160 kN
Permitted tilting torque (M_T)	35 kNm
Permitted radial load (F_R)	94 kN

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

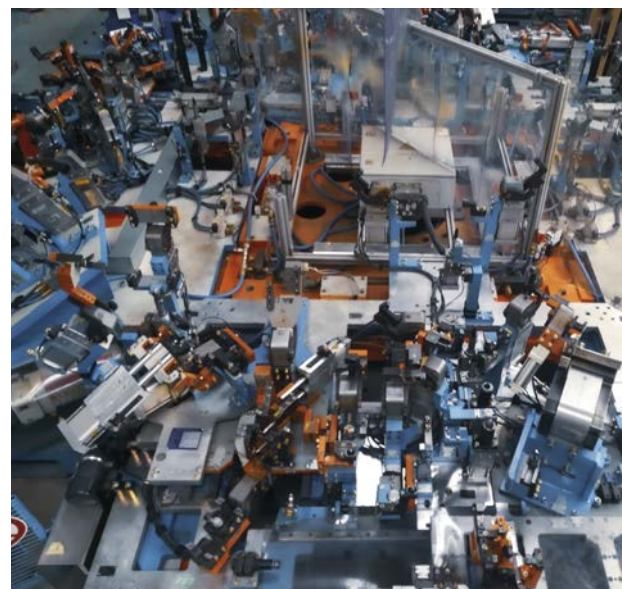
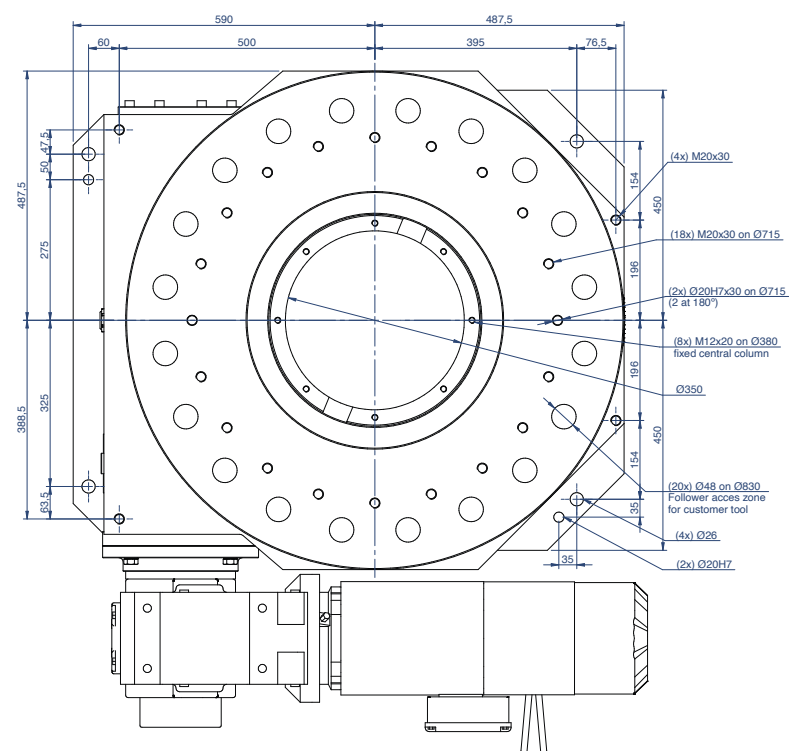
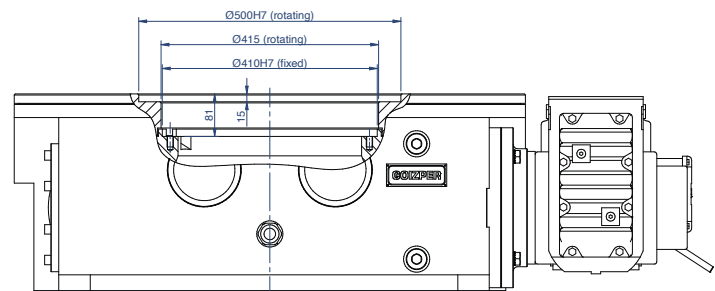
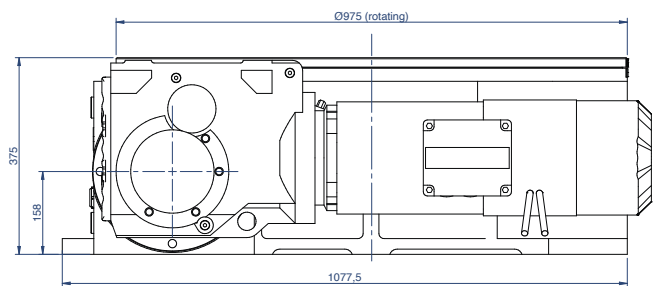


ZPGI 1660B

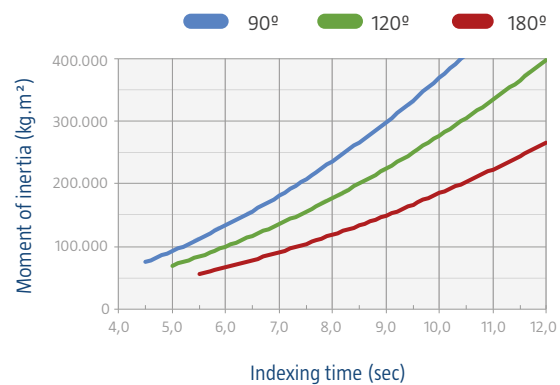
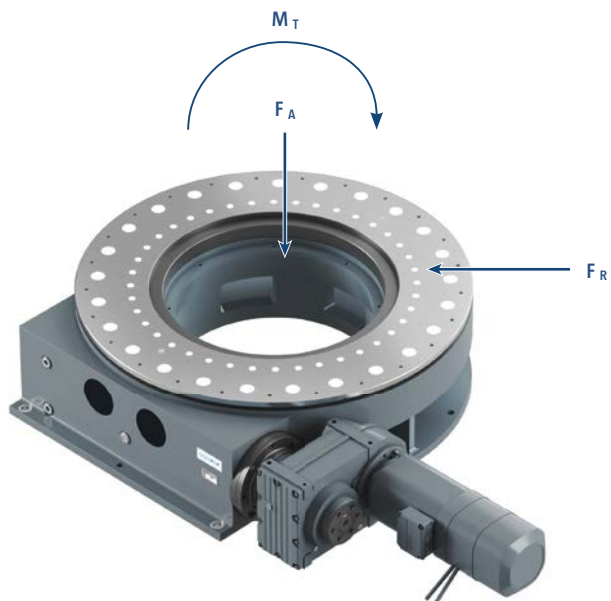


Permitted axial load (F _A)	200 kN
Permitted tilting torque (M _T)	53 kNm
Permitted radial load (F _R)	106 kN

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

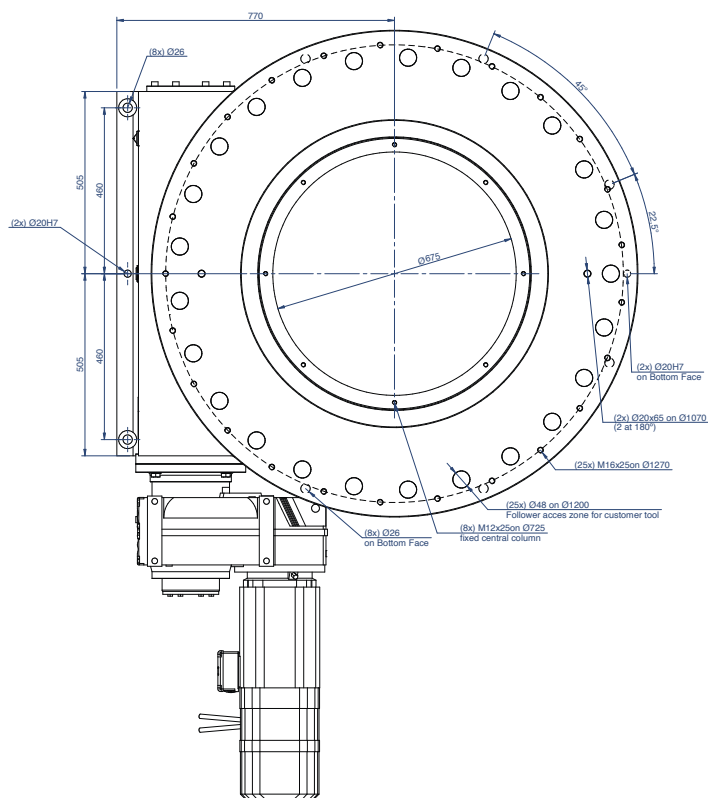
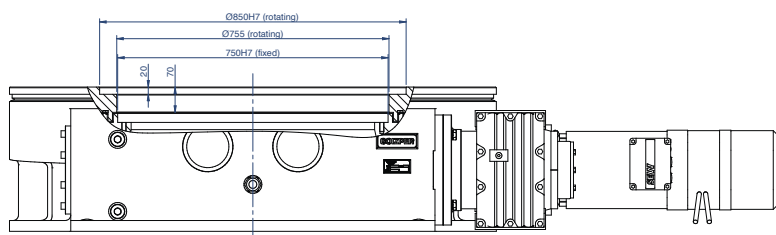
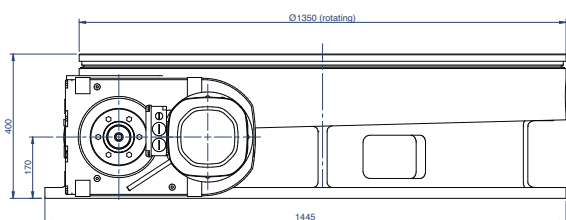


ZPGI 2400B

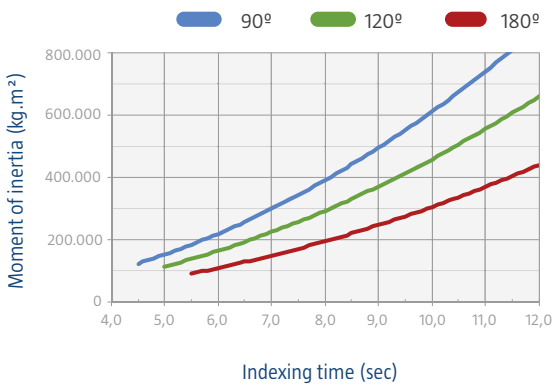
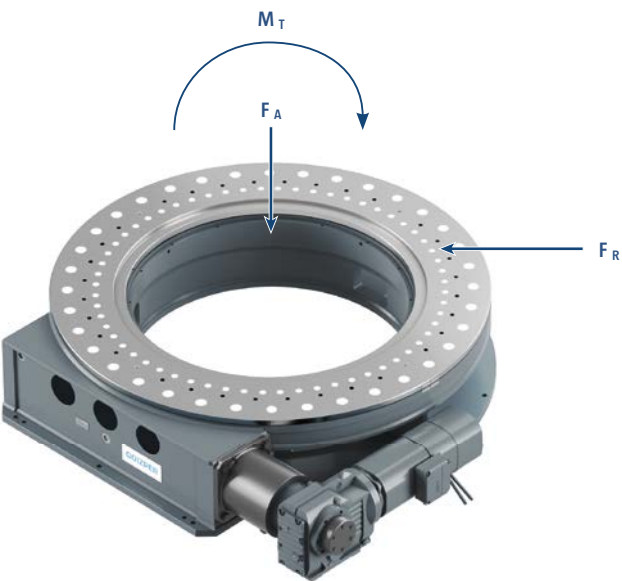


Permitted axial load (F_A)	300 kN
Permitted tilting torque (M_T)	132 kNm
Permitted radial load (F_R)	150 kN

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

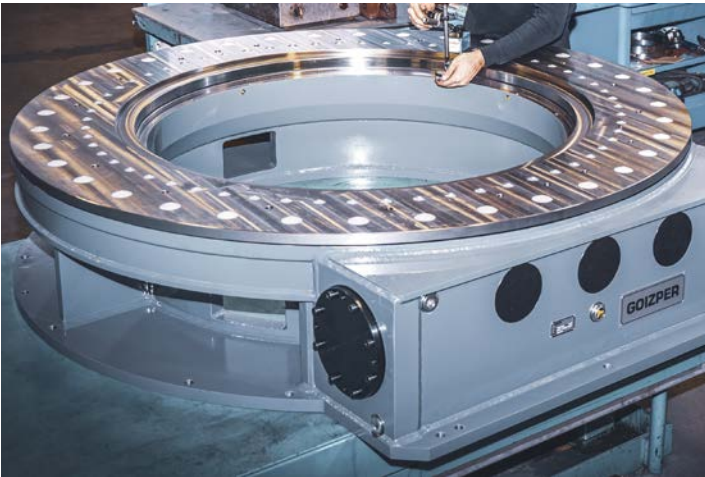
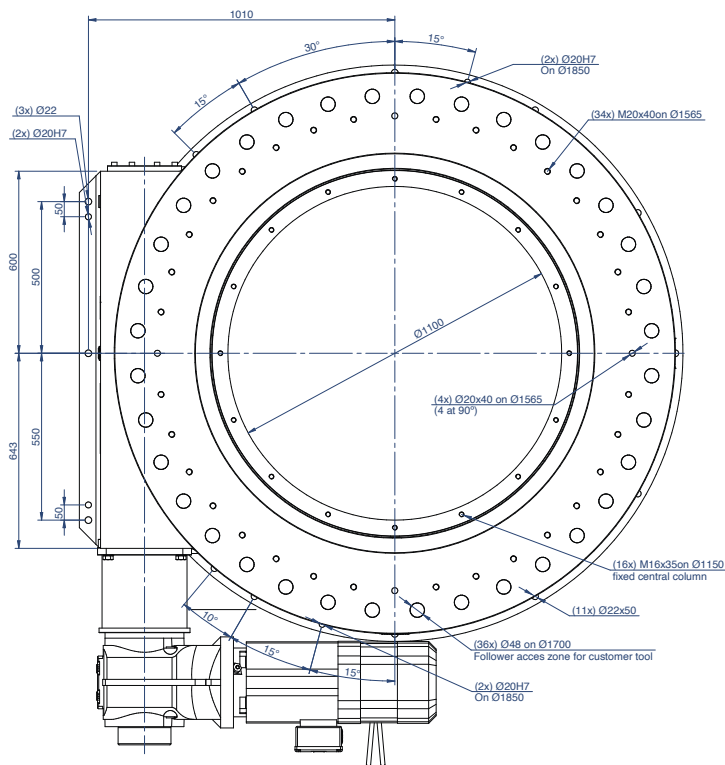
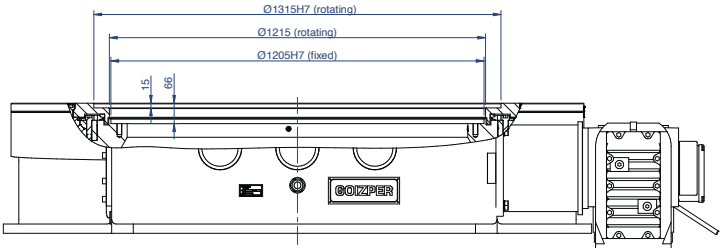
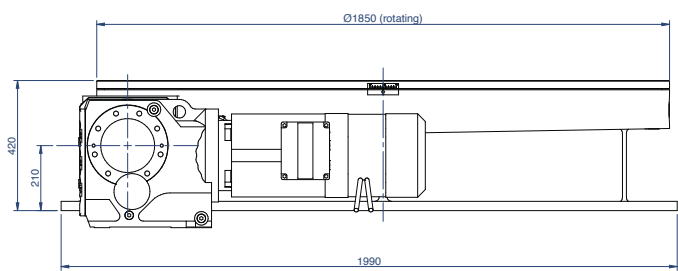


ZPGI 3400B

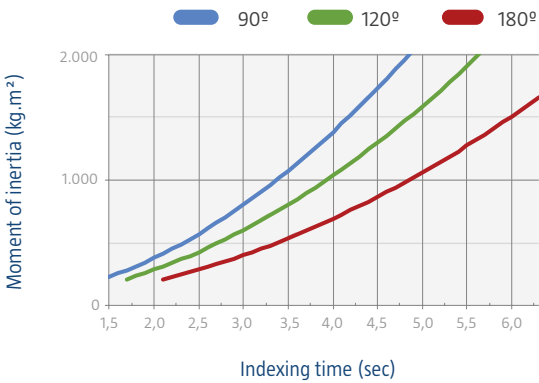
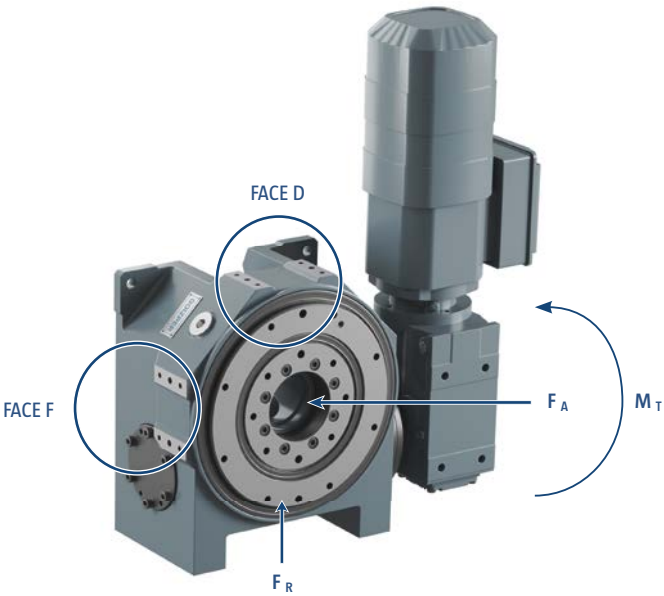


Permitted axial load (F_A)	400 kN
Permitted tilting torque (M_T)	341 kNm
Permitted radial load (F_R)	196 kN

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

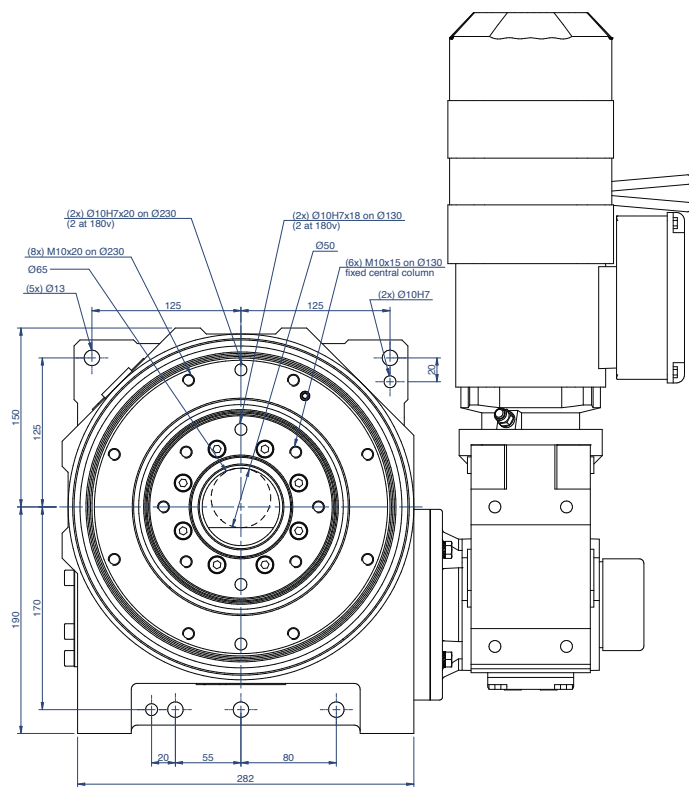
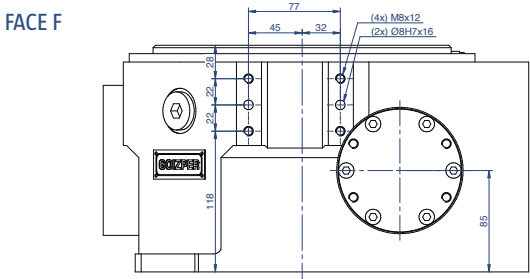
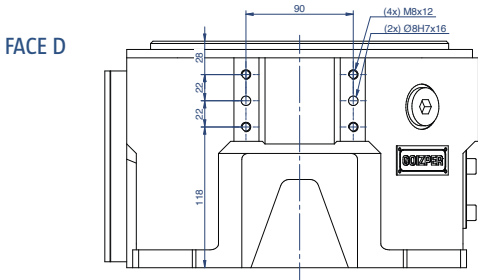
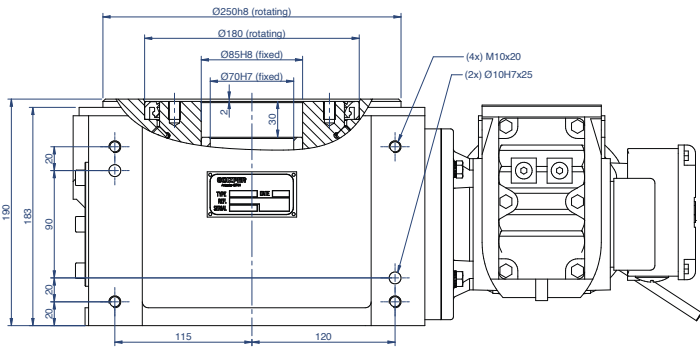


ZPGI 400U

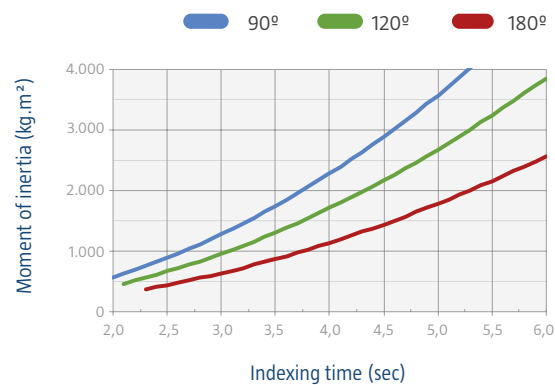
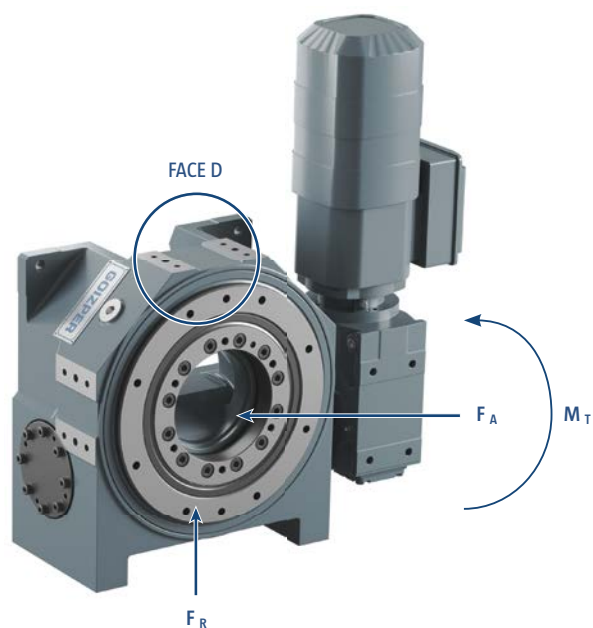


Permitted axial load (F_A)	40 kN
Permitted tilting torque (M_T)	6 kNm
Permitted radial load (F_R)	20 kN

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

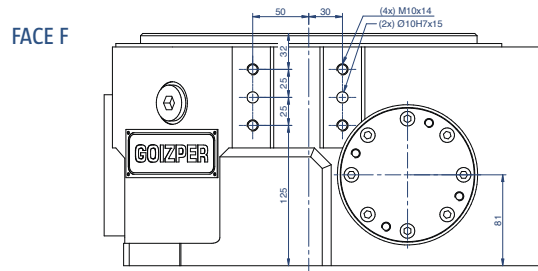
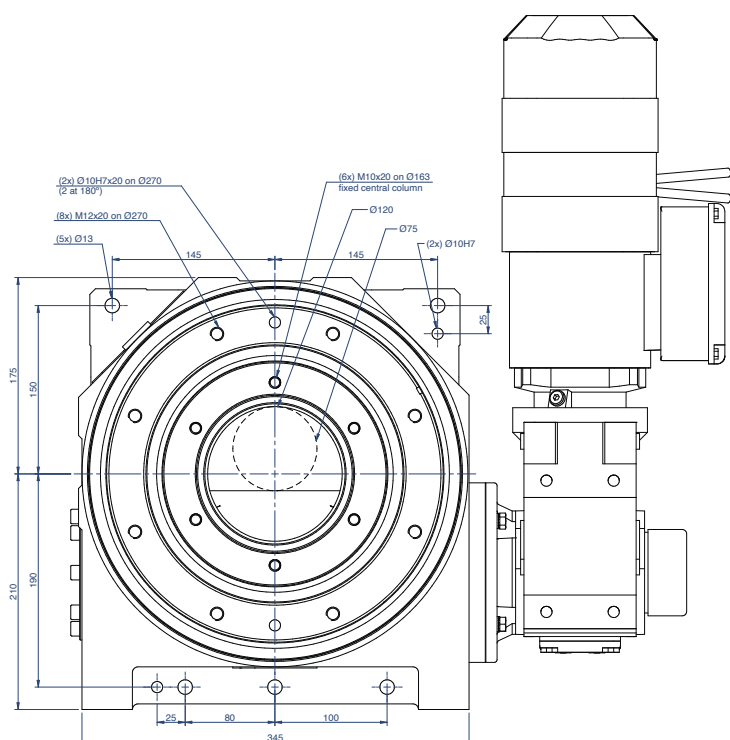
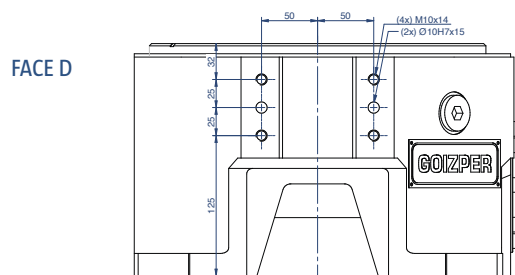
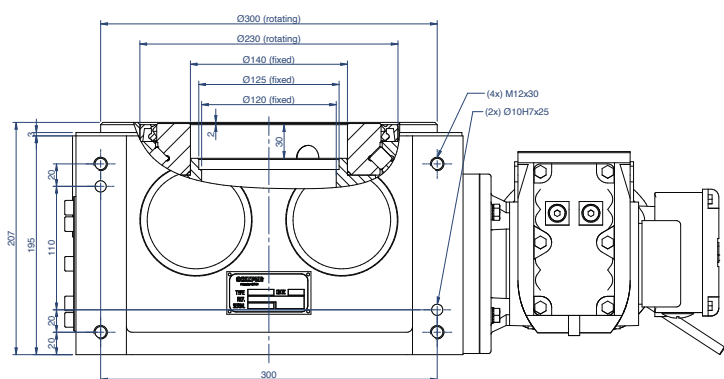


ZPGI 600U

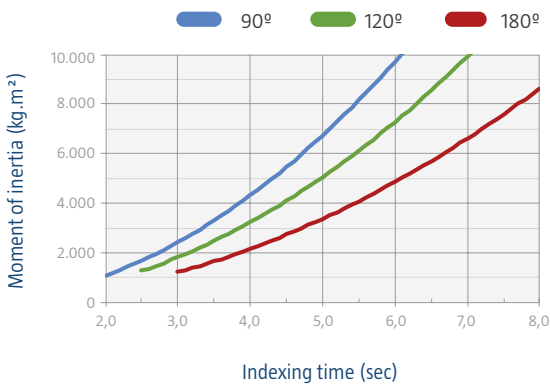
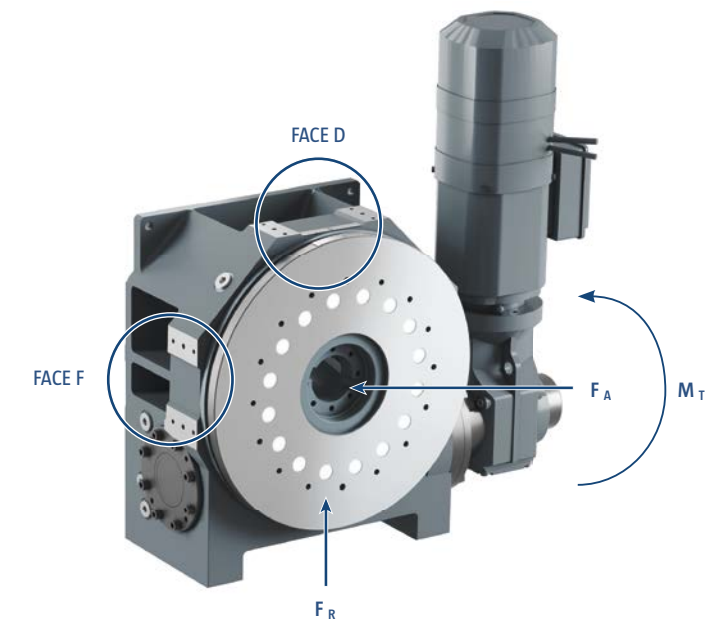


Permitted axial load (F_A)	60 kN
Permitted tilting torque (M_T)	12 kNm
Permitted radial load (F_R)	32 kN

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

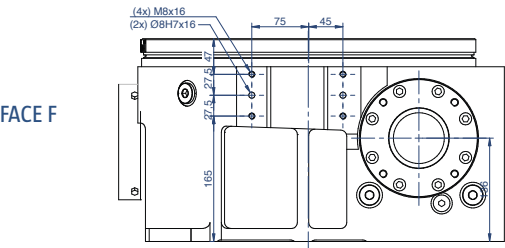
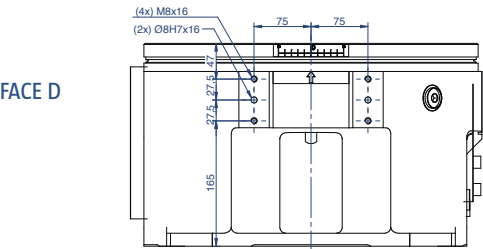
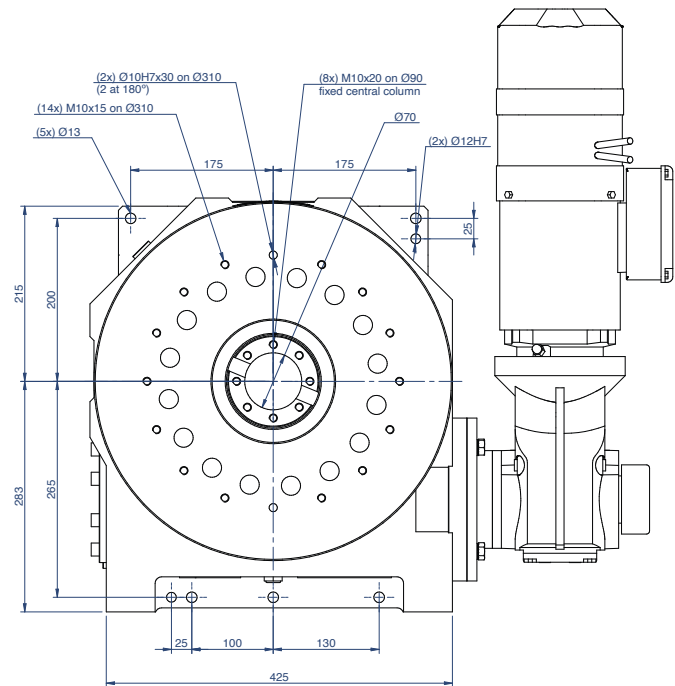
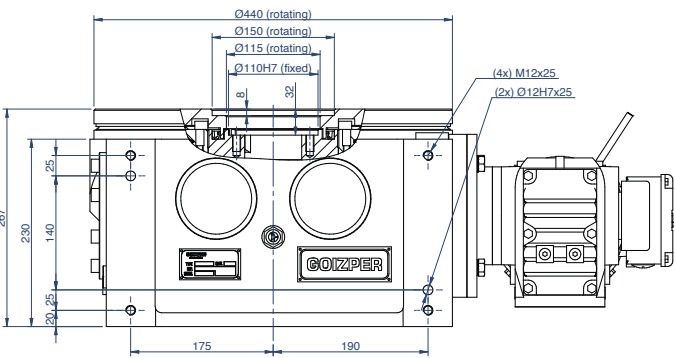


ZPGI 800U

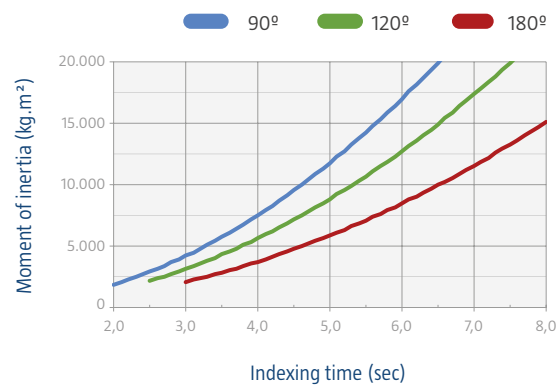
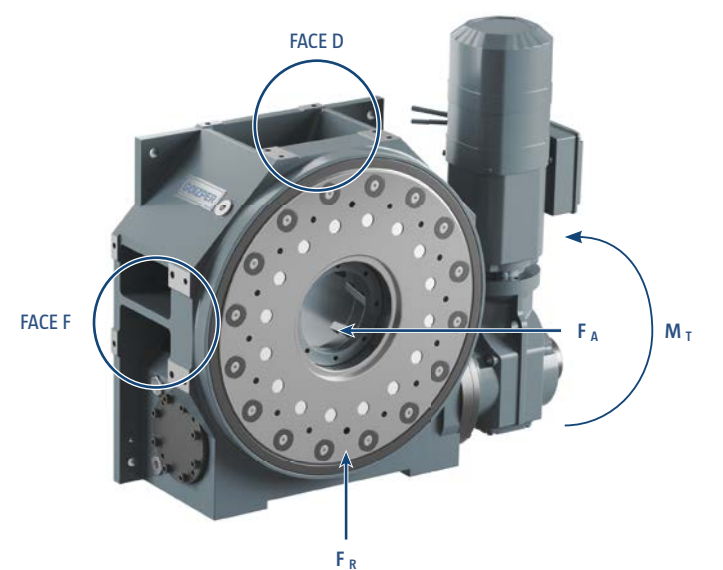


Permitted axial load (F _A)	80 kN
Permitted tilting torque (M _T)	17 kNm
Permitted radial load (F _R)	39 kN

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

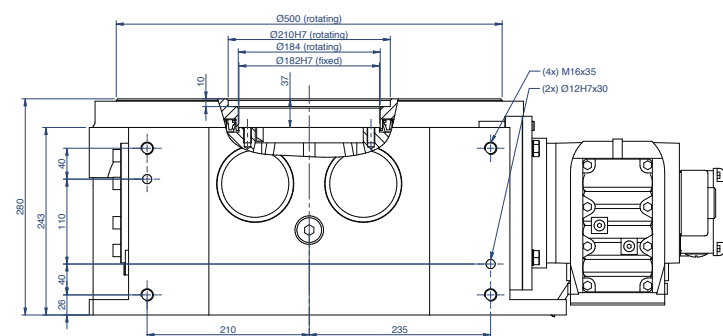


ZPGI 900U

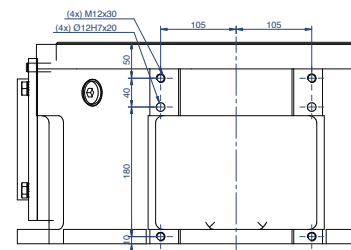


Permitted axial load (F_A)	90 kN
Permitted tilting torque (M_T)	24 kNm
Permitted radial load (F_R)	46 kN

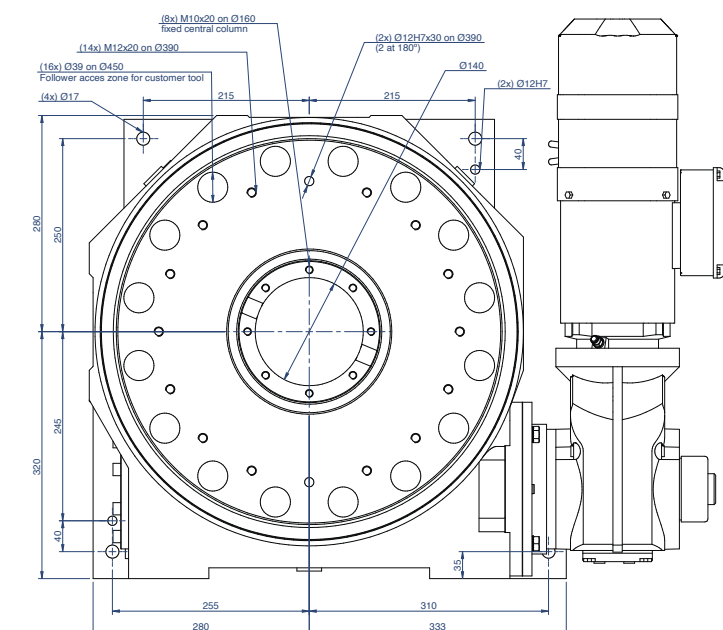
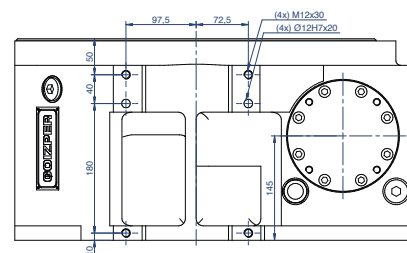
For combined permitted loads, tilting torques and external forces, ask validation to our technical team.



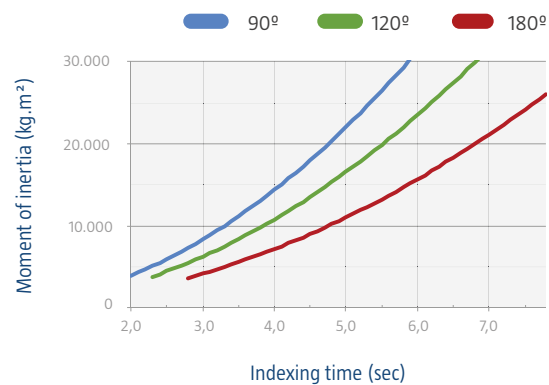
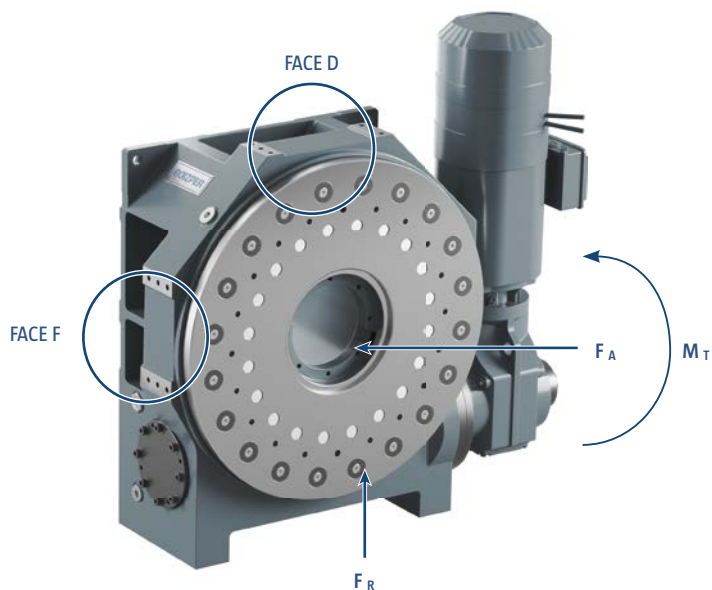
FACE D



FACE F

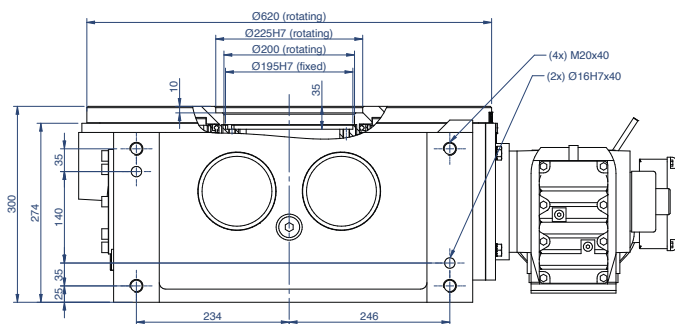


ZPGI 1100U

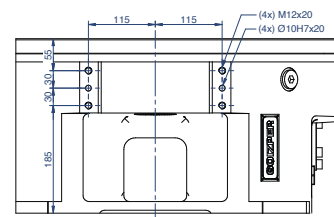


Permitted axial load (F_A)	110 kN
Permitted tilting torque (M_T)	47 kNm
Permitted radial load (F_R)	58 kN

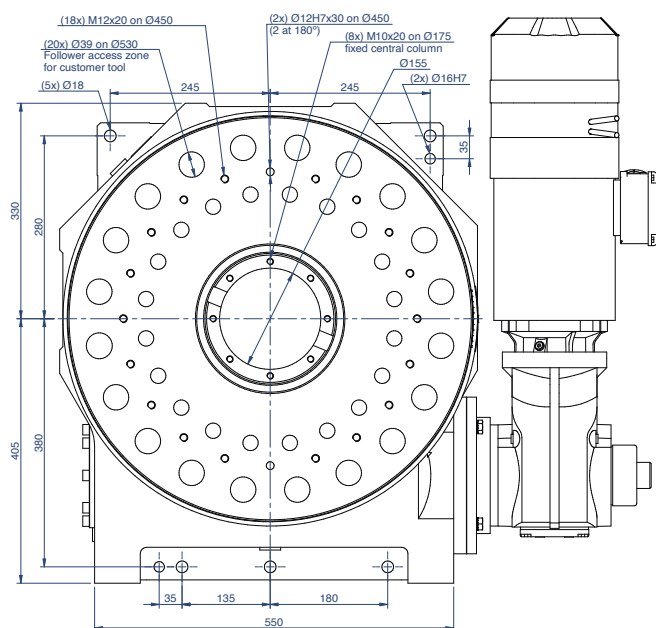
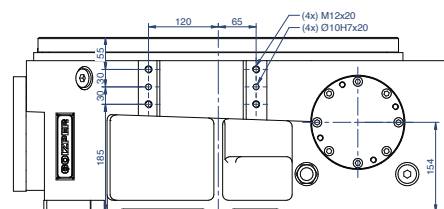
*For combined permitted loads, tilting torques and external forces,
ask validation to our technical team.*



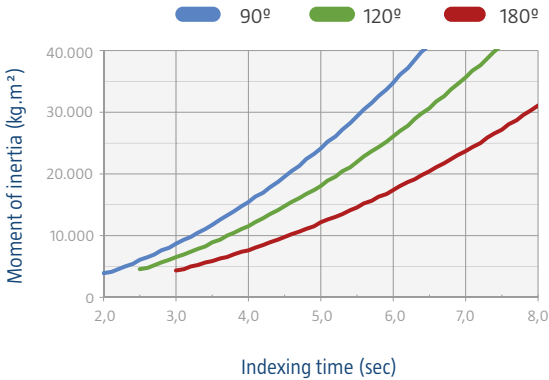
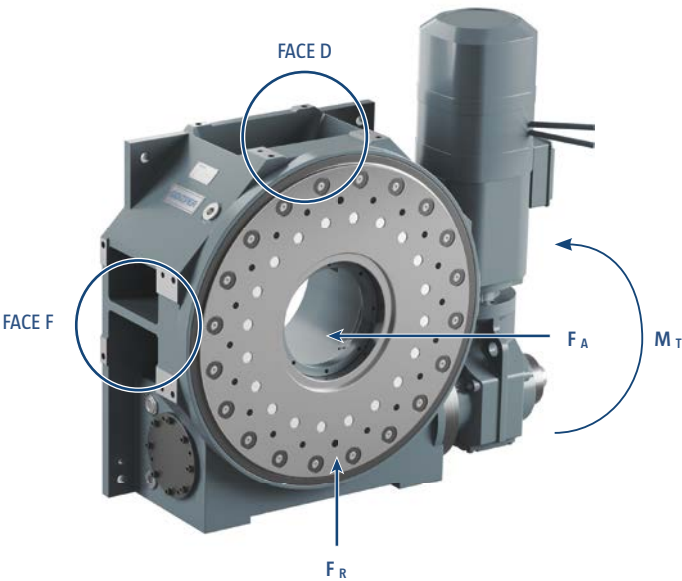
FACE D



FACE F

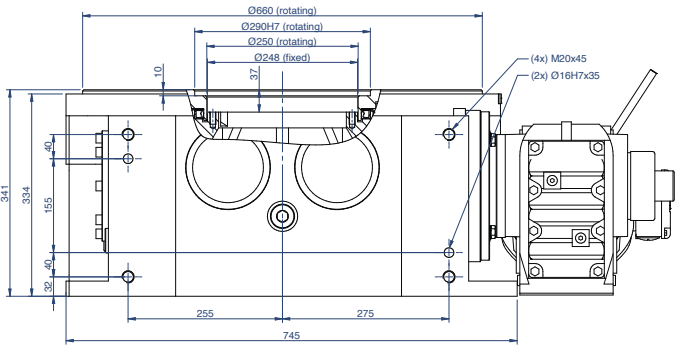


ZPGI 1200U

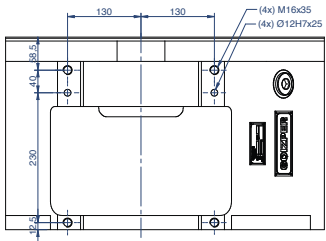


Permitted axial load (F_A)	120 kN
Permitted tilting torque (M_T)	68 kNm
Permitted radial load (F_R)	70 kN

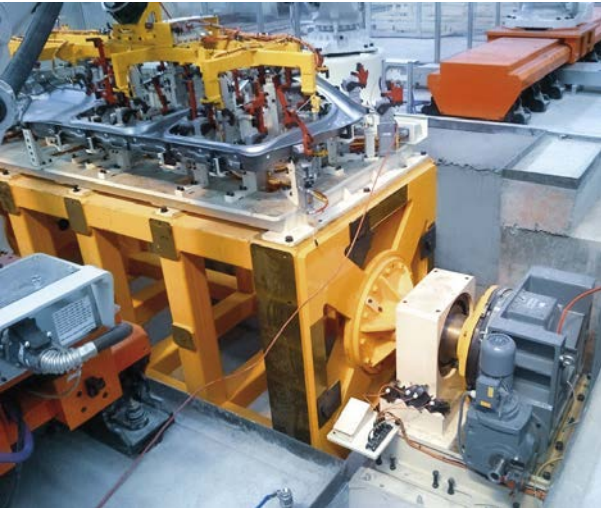
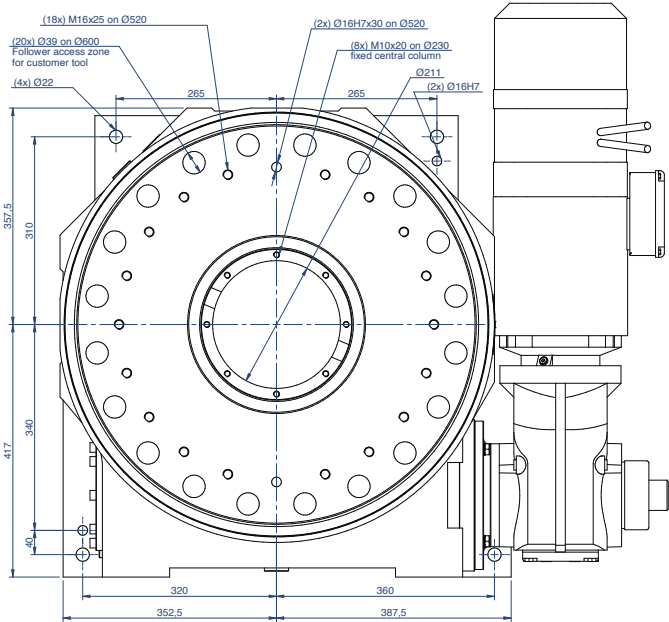
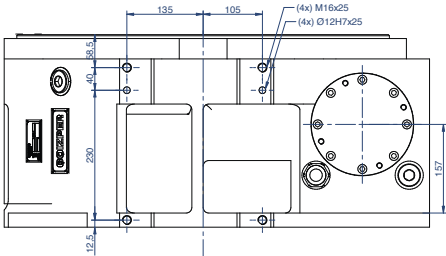
For combined permitted loads, tilting torques and external forces, ask validation to our technical team.



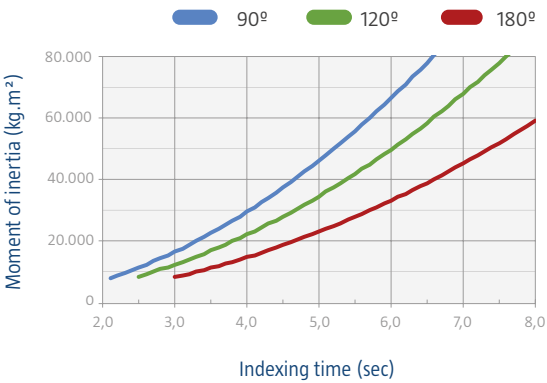
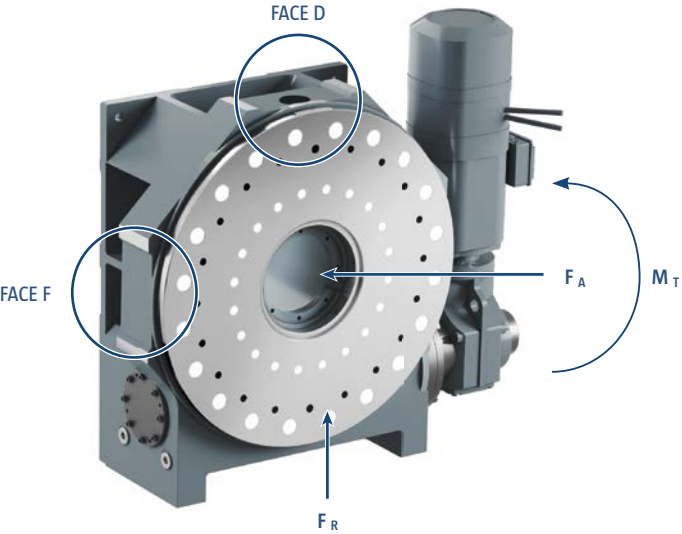
FACE D



FACE F

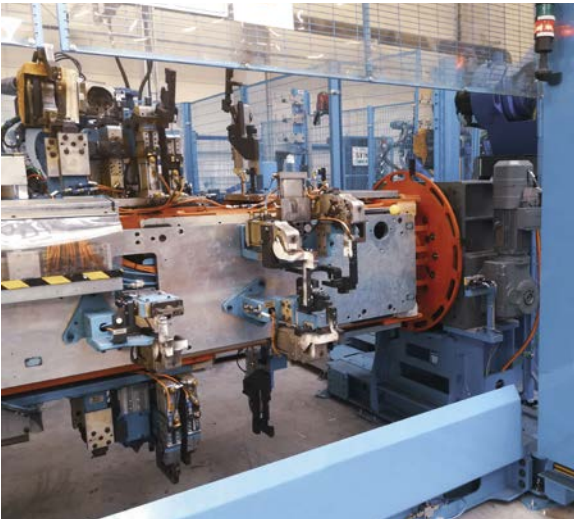
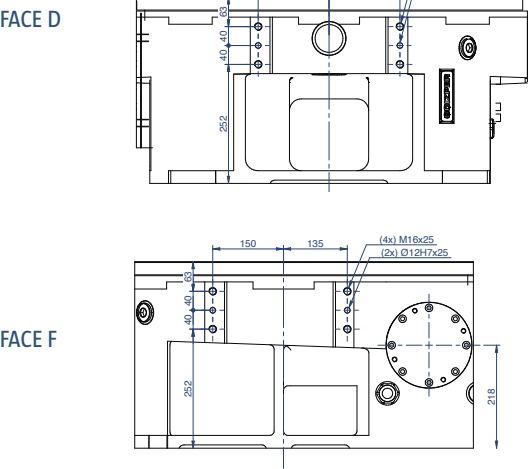
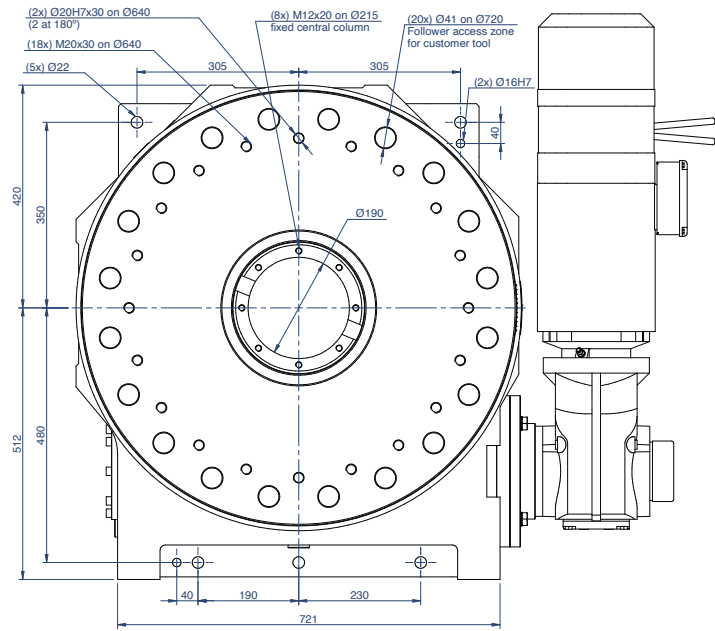
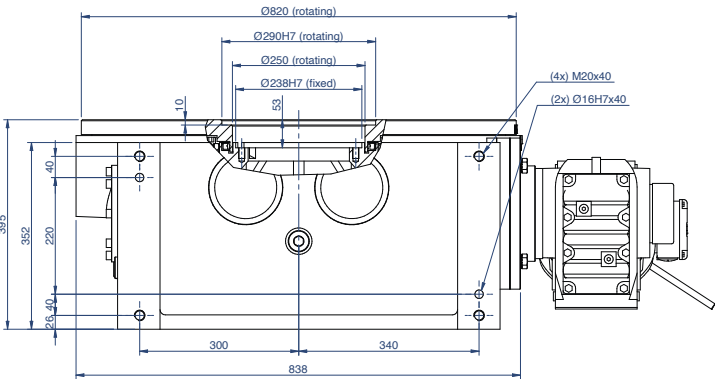


ZPGI 1400U

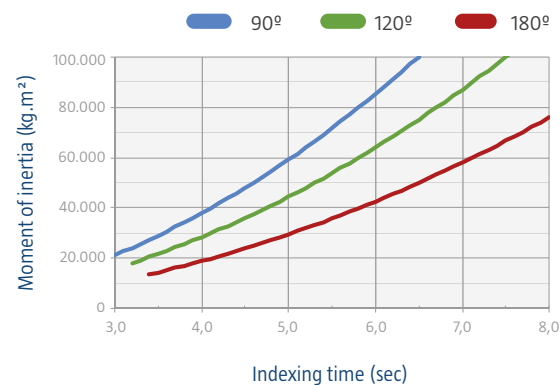
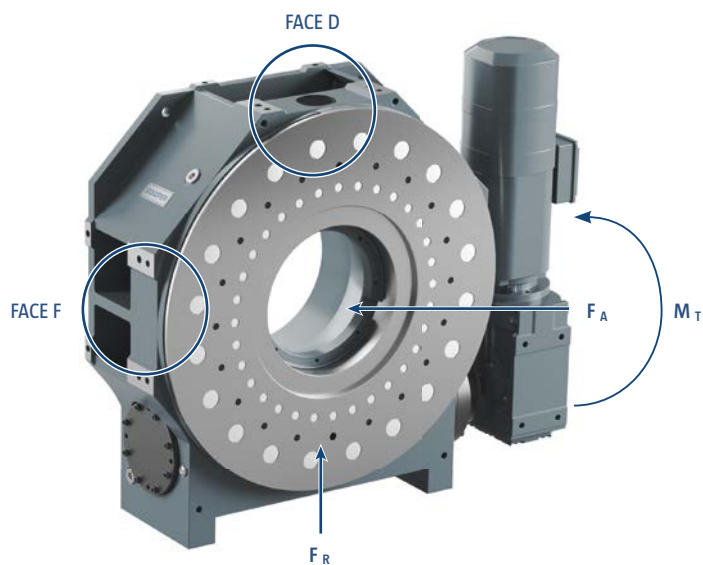


Permitted axial load (F_A)	160 kN
Permitted tilting torque (M_T)	71 kNm
Permitted radial load (F_R)	94 kN

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

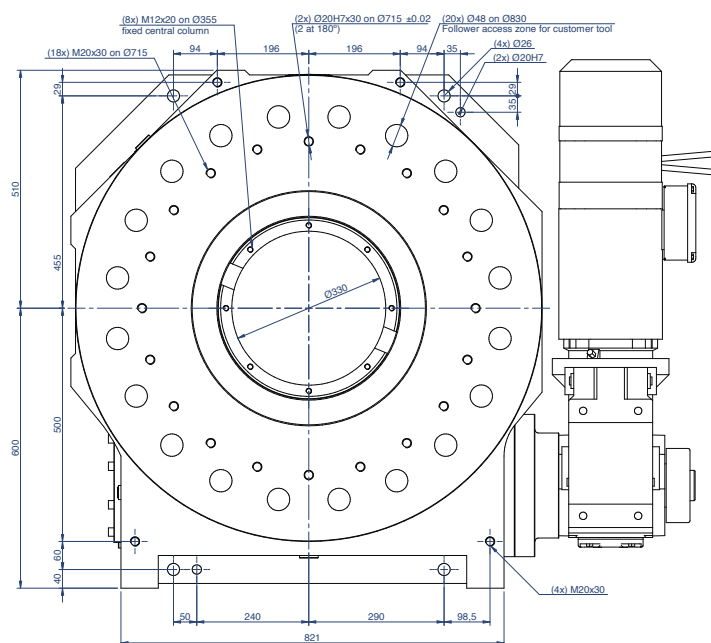
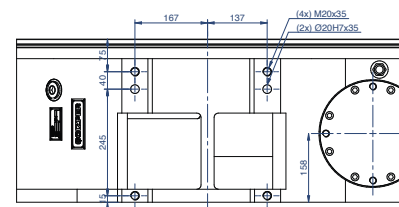
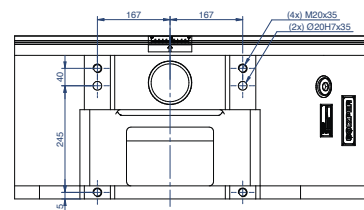
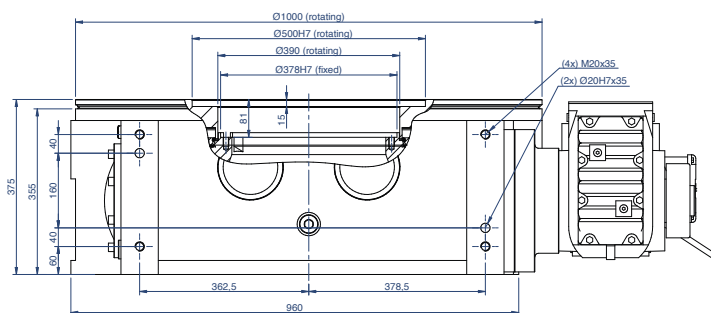


ZPGI 1660U



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.*



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:

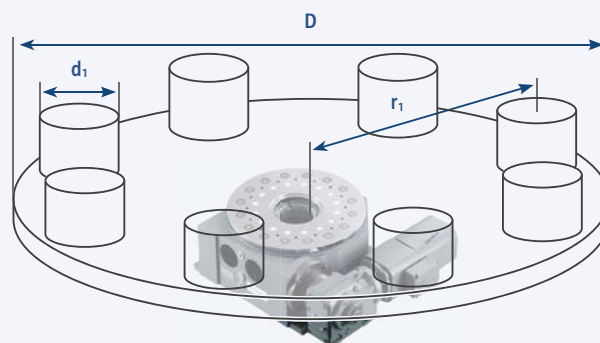
1. Rotating Plate - Dial Plate

DIMENSIONS / EXTERNAL FORCES & WEIGHT

DIAMETER (D) mm
MASS kg

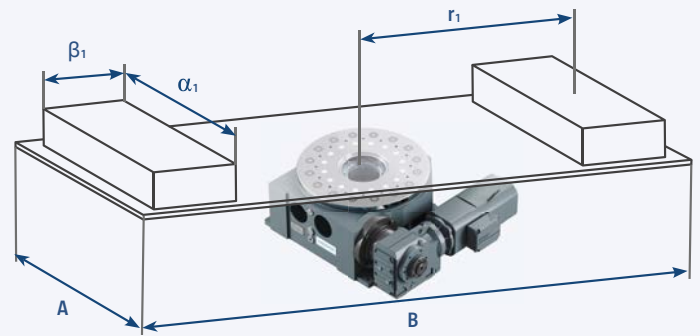
If toolings are from different sizes, please, indicate the biggest "d1" and "m1".

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



2. Rotating Plate - Vertical - Welding

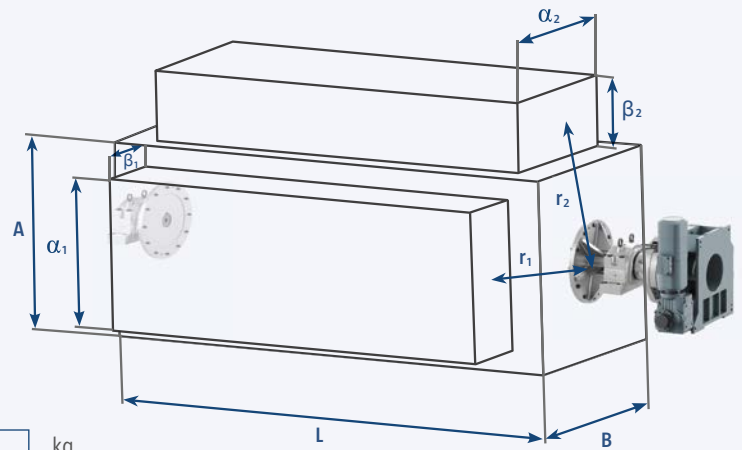
FRAME	A		mm
	B		mm
	M		kg
	Swing Ø D		mm



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)

Antigua, 4
20577 Antzuola
Gipuzkoa - Spain

Tel.: +34 943 78 60 00
industrial@goizper.com
goizperindexers.com

GUIBE

○ Katategi bailara, 2
20271 Irura
Gipuzkoa - Spain

Tel.: +34 943 69 03 50
guibe@guibe.com

● GOIZPER FRANCE

Espace d'Activités Becquerel
15, Avenue Henri Becquerel
51000 Châlons en Champagne
France

Tel.: +33 (0)3 26 21 08 39
goizperfrance@goizper.com

● GOIZPER GmbH

Goethestraße 8
42499 Hückeswagen
Deutschland

Tel.: +49 (0)2192 935 99 03
goizperdeutschland@goizper.com

● GOIZPER INDIA

S.No. 150-151, PLOT NO. 1,2 & 8,
RAMA EQUATOR SHOP,
Nehru Nagar (Pune),
Pune, MH 411018 - INDIA

Tel.: +91 9673201653
goizperindia@goizper.com

● GOIZPER SHANGHAI

Room 611-612, Global Building,
No. 1168, Huiyi Road, Jiading, Shanghai
China

Tel.: +86 21 6990 2136
goizperchina@goizper.com

● GOIZPER WUXI

No. 6-3, Changhui Road, Huishan
Economic Development Zone,
214174 Wuxi, Jiangsu - China

Tel.: +86 510 8359 1630
goizperchina@goizper.com

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