globoTRONIC®
SERIES

THE PERFECT ROTATION.
ROTATION AND STOP IN TOTAL CONTROL.

EXCLUSIVE TO SONZOGNI AUTOMATION

globoTRONIC®
SERIES

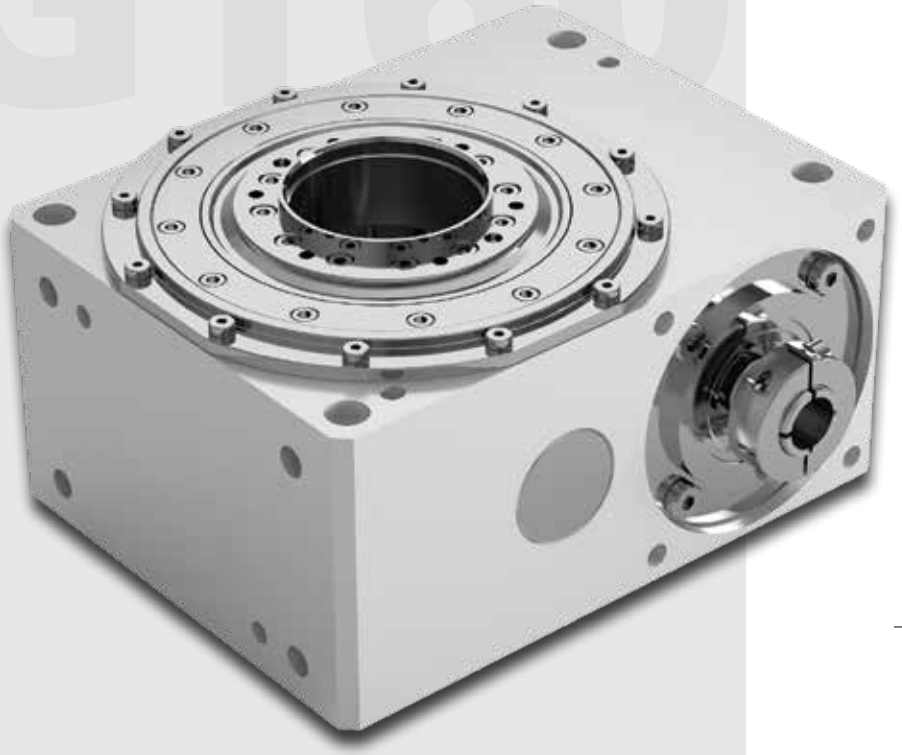
ROTARY TABLE WITH VARIABLE **PITCH AND NO BACKLASH**

The ***globoTRONIC***® is the result of the technology and experience developed in 50 years of life of Sonzogni Camme, and it has been designed to respond to the growing requirements in the field of automation. A rotary table of high precision that uses the perfect match of a globoidal cam with constant pitch managed by a brushless or torque motor for total control in each position as needed in different applications. When you require quick movements and precise positioning, the ***globoTRONIC***® is the perfect solution that suits your needs.

The pairing of the globoidal cam with the followers is pre-loaded during production to provide the maximum stiffness and stability in the movement.
The constant-contact followers provide a fluid, backlash-free movement. This high mechanical efficiency, thanks to a pure rolling movement, allows a low operating temperature and, as a consequence, a high stability of operation and duration. The extreme precision remains unchanged for long periods of time without the necessity to re-calibrate or other maintenance work. Moreover, the pairing with the brushless or torque motor allows the programming of the unit for whichever requirement: it is in fact possible to freely change the number of stops, curves, the movement degrees, and even the rotation direction!
The ***globoTRONIC***® is able to transmit a high torque in any position and direction and can be provided in different sizes according to the customer's application requirements.

Stiffness, precision and flexibility of use in a single product!

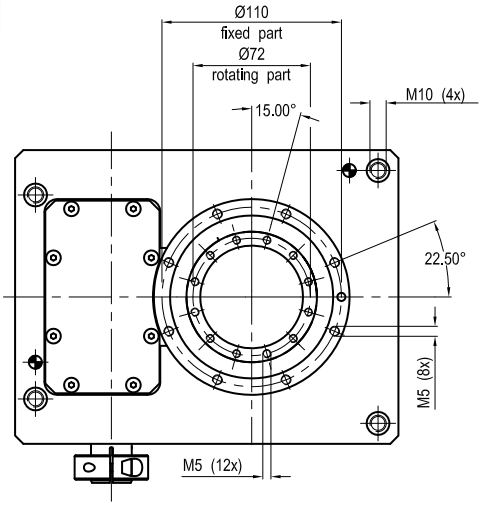
GT60

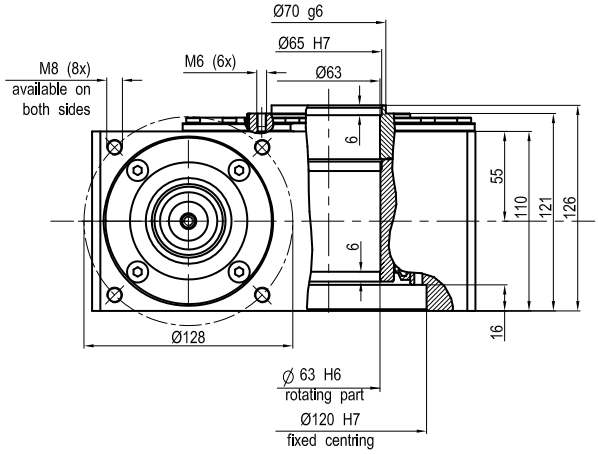


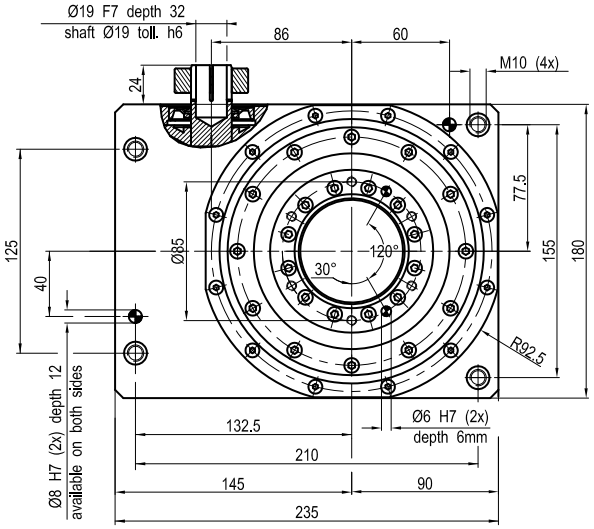
SPECIFICATION / CHARACTERISTICS

Rotating output flange dimension	mm	100
Maximum axial oscillation output flange	mm	0.03
Ratio	-	20
Transmitted torque at 600 rpm	Nm	215
Maximum input speed	rpm	3500
Minimum indexing time for 15°	s	0.05
Standard precision of repeatability*	arc. sec	15
Standard precision of positioning*	arc. sec	±25
Weight	kg	15
Maximum axial load	kN	9.05
Maximum radial load	kN	4.07
Maximum static overturning moment	Nm	224

(*) the precision values can be reduced on request







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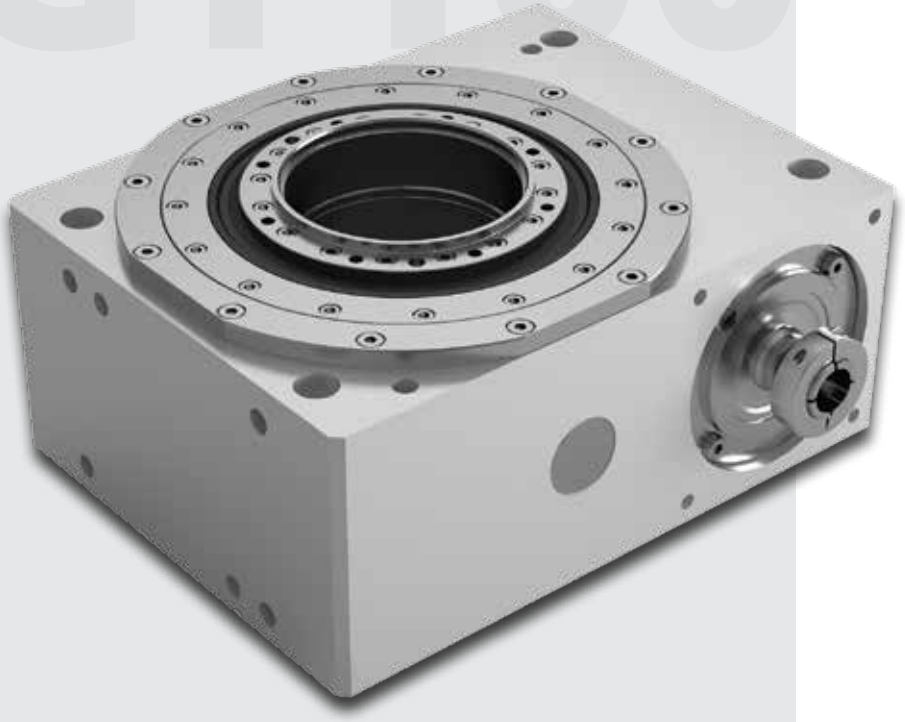
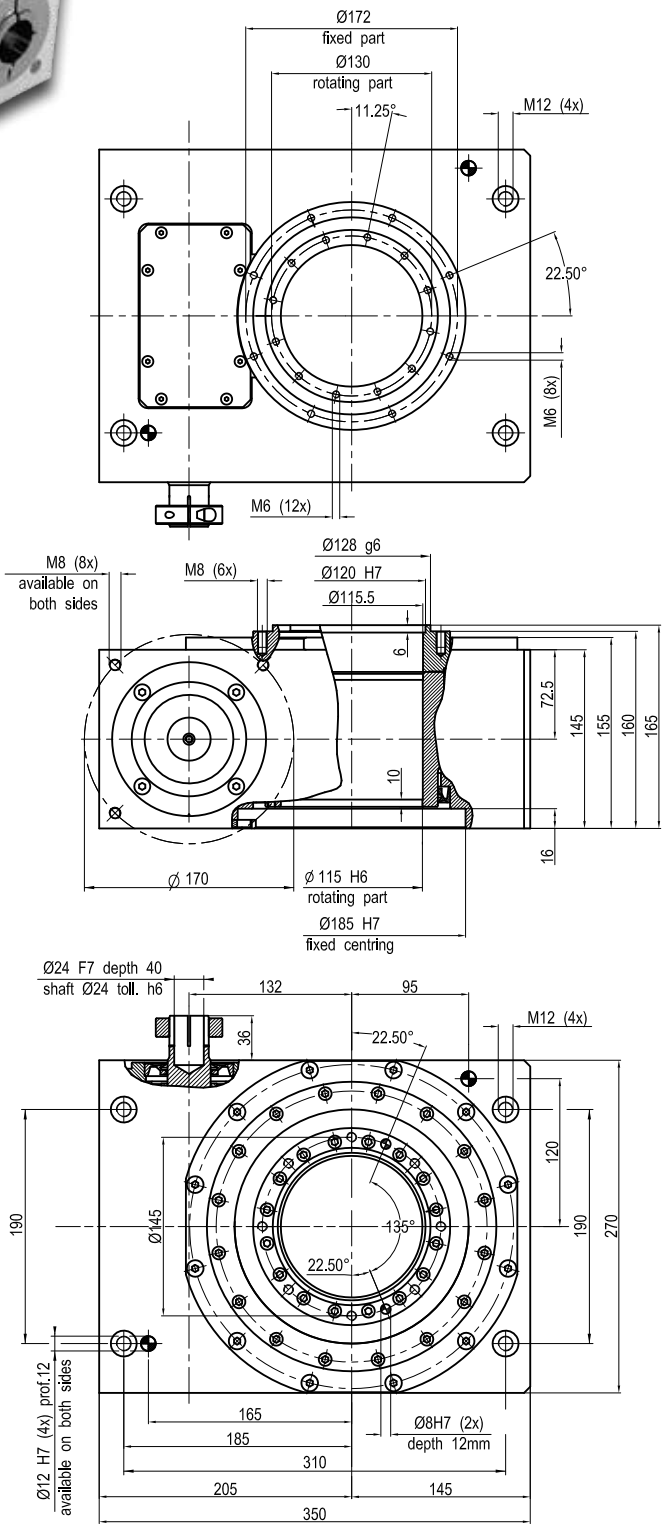


SPECIFICATION / CHARACTERISTICS

Rotating output flange dimension	mm	160
Maximum axial oscillation output flange	mm	0.03
Ratio	-	24
Transmitted torque at 600 rpm	Nm	575
Maximum input speed	rpm	2400
Minimum indexing time for 15°	s	0.06
Standard precision of repeatability*	arc. sec	15
Standard precision of positioning*	arc. sec	±25
Weight	kg	50
Maximum axial load	kN	25.42
Maximum radial load	kN	11.44
Maximum static overturning moment	Nm	1030

(*) the precision values can be reduced on request



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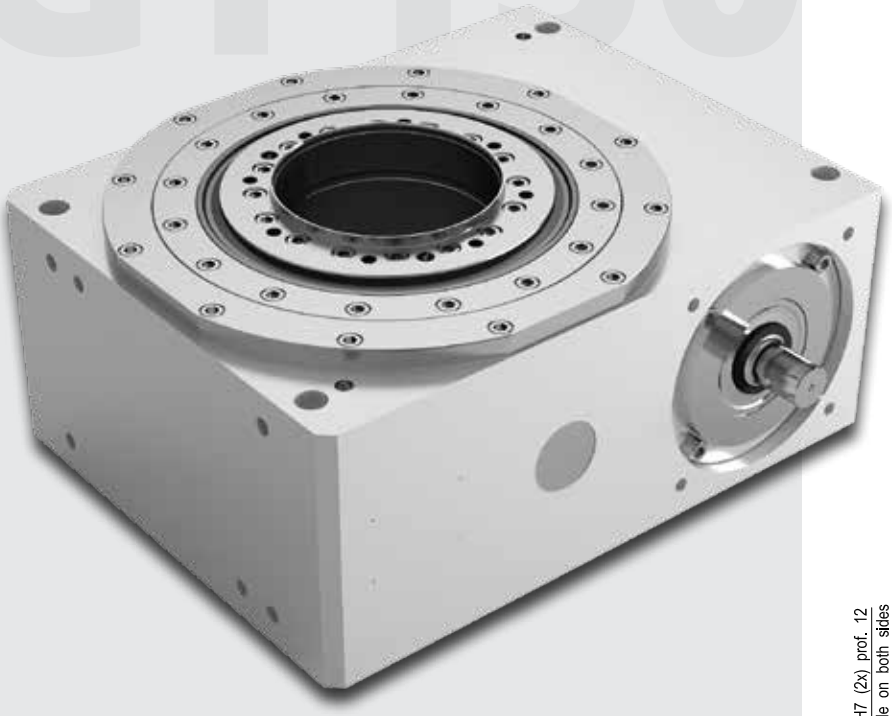
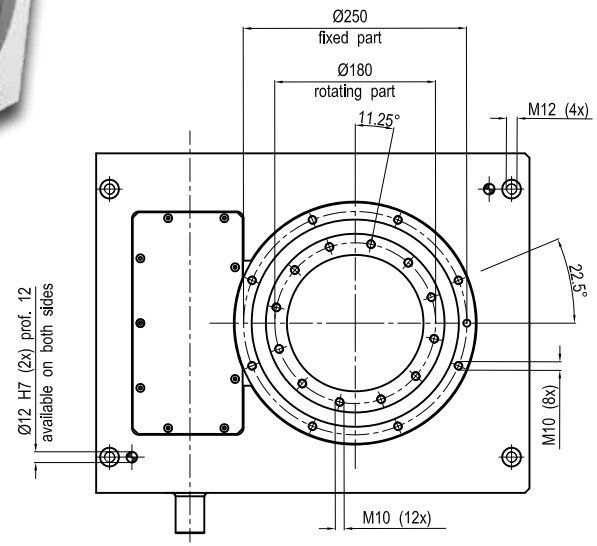
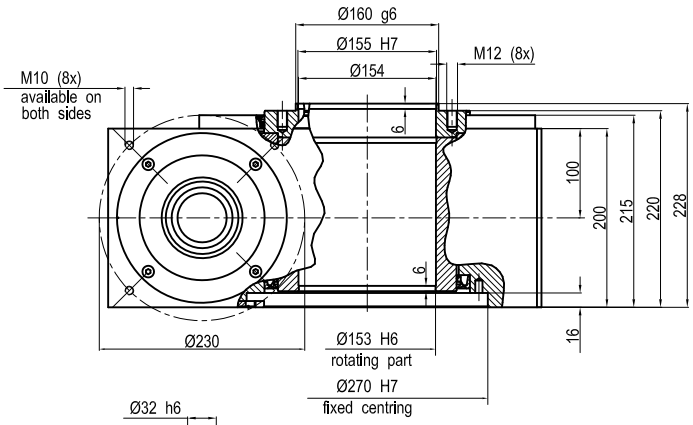


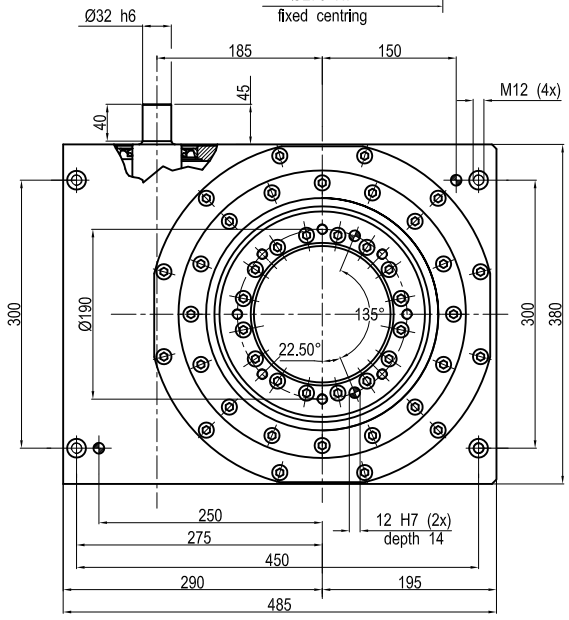
SPECIFICATION / CHARACTERISTICS

Rotating output flange dimension	mm	230
Maximum axial oscillation output flange	mm	0.03
Ratio	-	24
Transmitted torque at 600 rpm	Nm	1115
Maximum input speed	rpm	1200
Minimum indexing time for 15°	s	0.1
Standard precision of repeatability*	arc. sec	15
Standard precision of positioning*	arc. sec	±25
Weight	kg	130
Maximum axial load	kN	52.63
Maximum radial load	kN	23.68
Maximum static overturning moment	Nm	2842

(*) the precision values can be reduced on request







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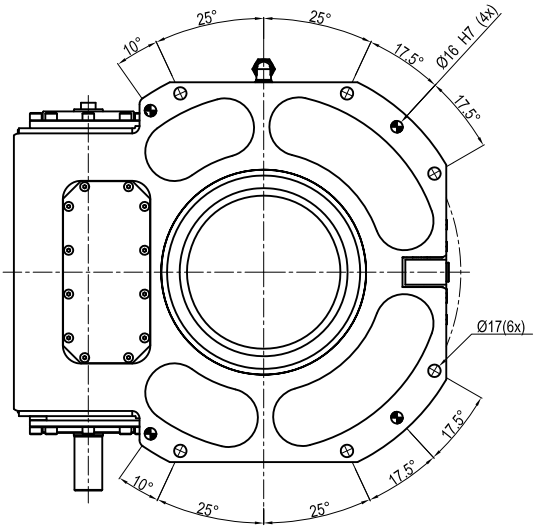
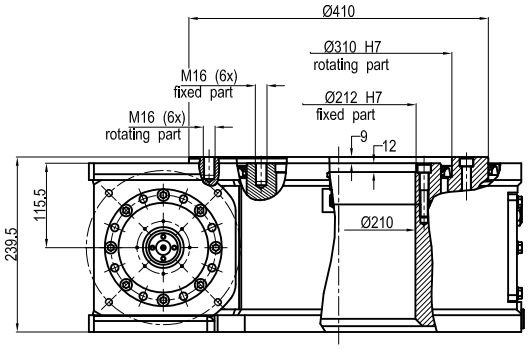
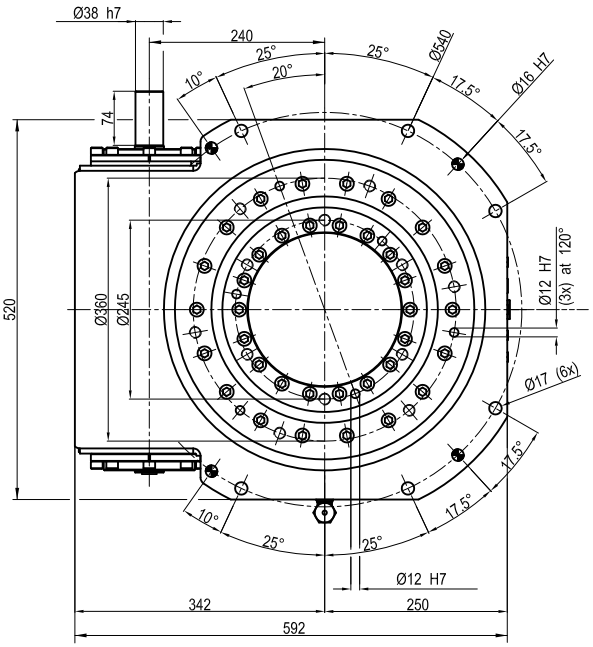


SPECIFICATION / CHARACTERISTICS

Rotating output flange dimension	mm	410
Maximum axial oscillation output flange	mm	0.03
Ratio	-	24
Transmitted torque at 600 rpm	Nm	2890
Maximum input speed	rpm	1000
Minimum indexing time for 15°	s	0.14
Standard precision of repeatability*	arc. sec	15
Standard precision of positioning*	arc. sec	±25
Weight	kg	240
Maximum axial load	kN	16.80
Maximum radial load	kN	11.20
Maximum static overturning moment	Nm	4191

(*) the precision values can be reduced on request





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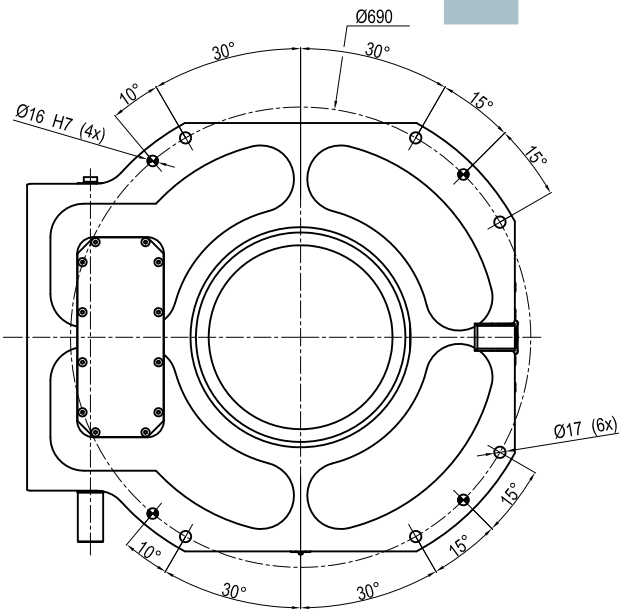

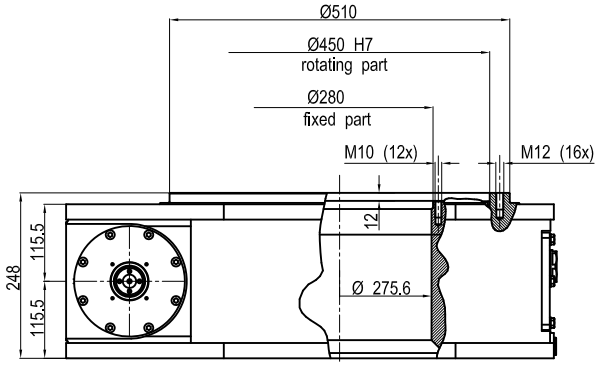

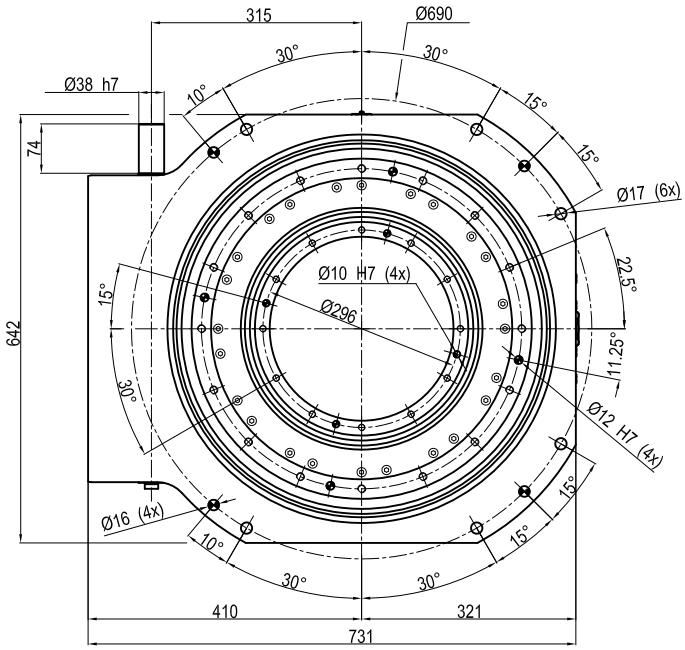

SPECIFICATION / CHARACTERISTICS

Rotating output flange dimension	mm	510
Maximum axial oscillation output flange	mm	0.04
Ratio	-	24
Transmitted torque at 600 rpm	Nm	5840
Maximum input speed	rpm	700
Minimum indexing time for 15°	s	0.20
Standard precision of repeatability*	arc. sec	15
Standard precision of positioning*	arc. sec	±25
Weight	kg	360
Maximum axial load	kN	18.70
Maximum radial load	kN	14.45
Maximum static overturning moment	Nm	6000

(*) the precision values can be reduced on request

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