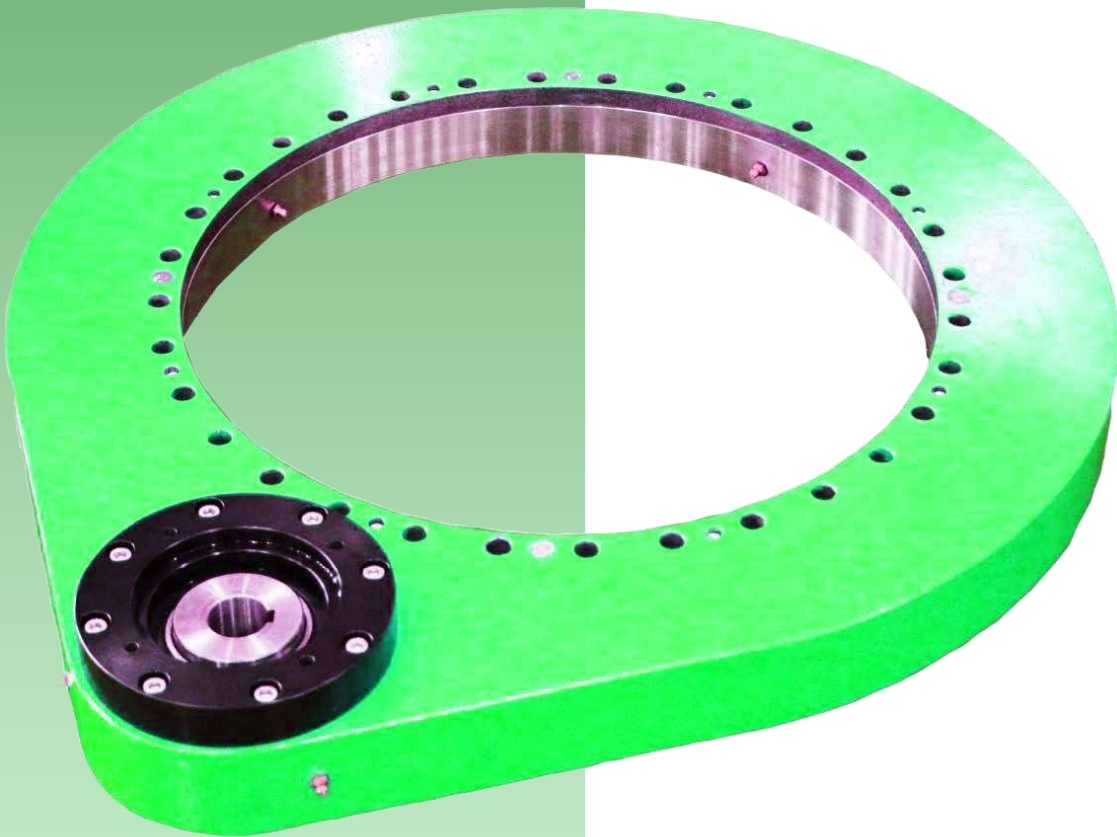




TAVOLE DI ROTAZIONE DI PRECISIONE

PRECISION SPUR GEAR SLEWING DRIVE



Con più di 40 anni DI produzione di Ralle di Rotazione, Supporti in Acciaio, Cuscinetti Speciali, FA.RE.MEC. è diventata un punto di riferimento nella produzione di soluzioni di movimentazione per il settore industriale, del trasporto e sollevamento, nonché nel settore delle energie rinnovabili.

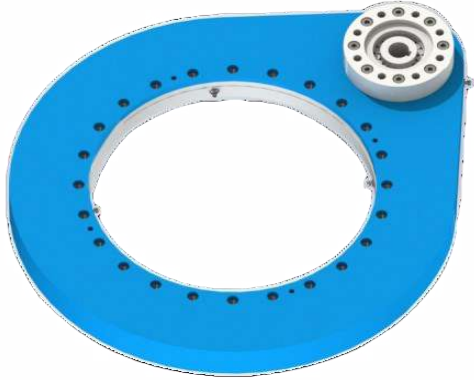
FA.RE.MEC. ha i propri stabilimenti produttivi in ITALIA, dove abbiamo la possibilità di fornire soluzioni standard competitive da magazzino o personalizzate secondo specifica del cliente attraverso un processo di produzione flessibile e garantendo consegne puntuali.

Oltre alla produzione “storica” menzionata prima e grazie alla flessibilità della nostra officina produciamo e rigeneriamo **TAVOLE GIREVOLI DI ROTAZIONE** standard, di precisione o in serie speciale su specifica del cliente.

L’accurata gestione delle fasi di produzione e lavorazione, l’elevata competenza del nostro reparto produttivo, la qualità dei nostri trattamenti termico/superficiali e i minuziosi controlli durante tutte le fasi del ciclo di lavoro, garantiscono precisione e affidabilità a tutti i nostri prodotti.

Prodotti che trovano applicazione industriale e artigianale nelle attrezzature di trasporto e sollevamento, nel settore agricolo, dell’industria alimentare, del packaging e nei macchinari per marmo, legno e vetro.





SG-I-0311



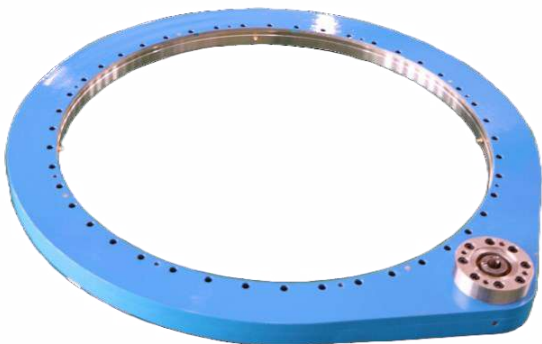
Robot



SG-M-0710



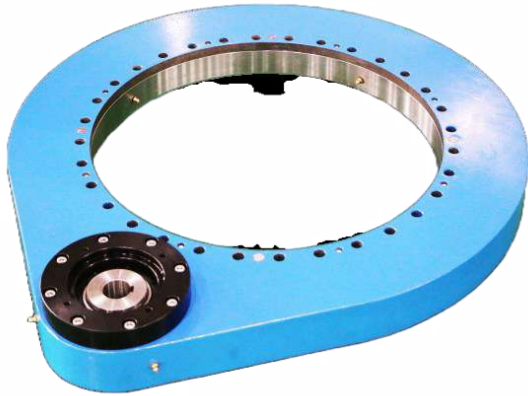
Auto Gru



SG-I-0941



Impianti Automazione



SG-M-0541



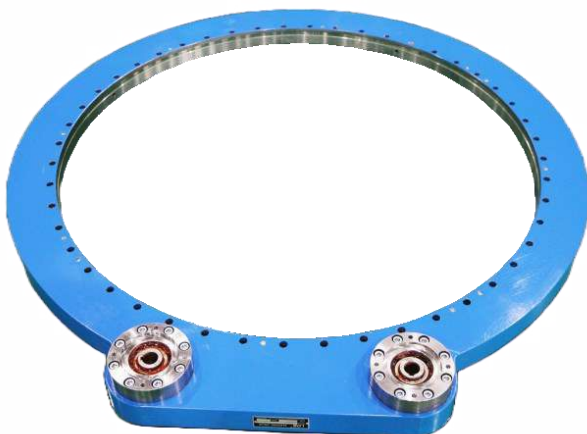
Tavole macchine lavoro



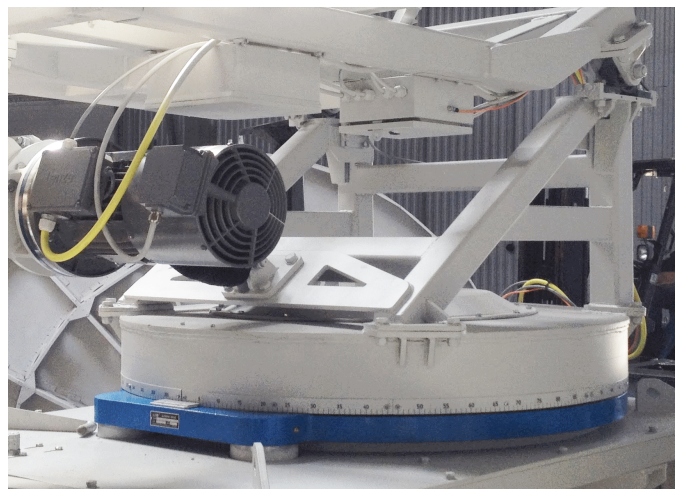
SG-I-0299



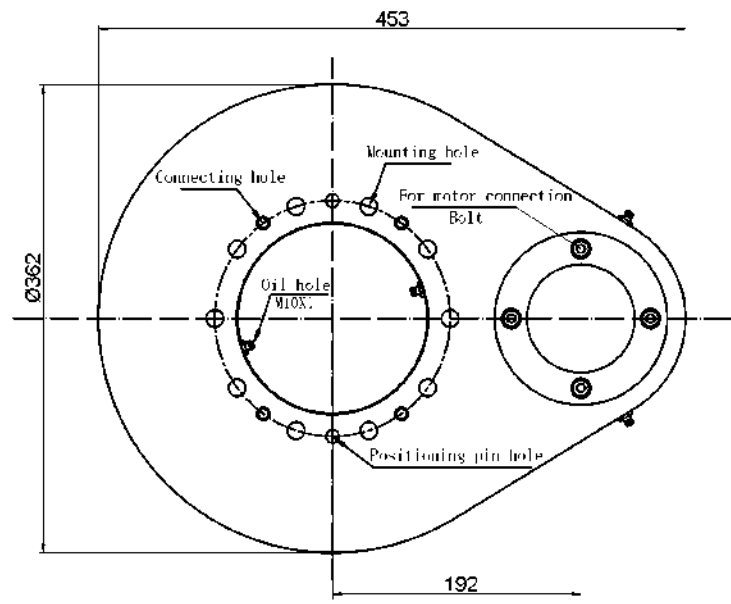
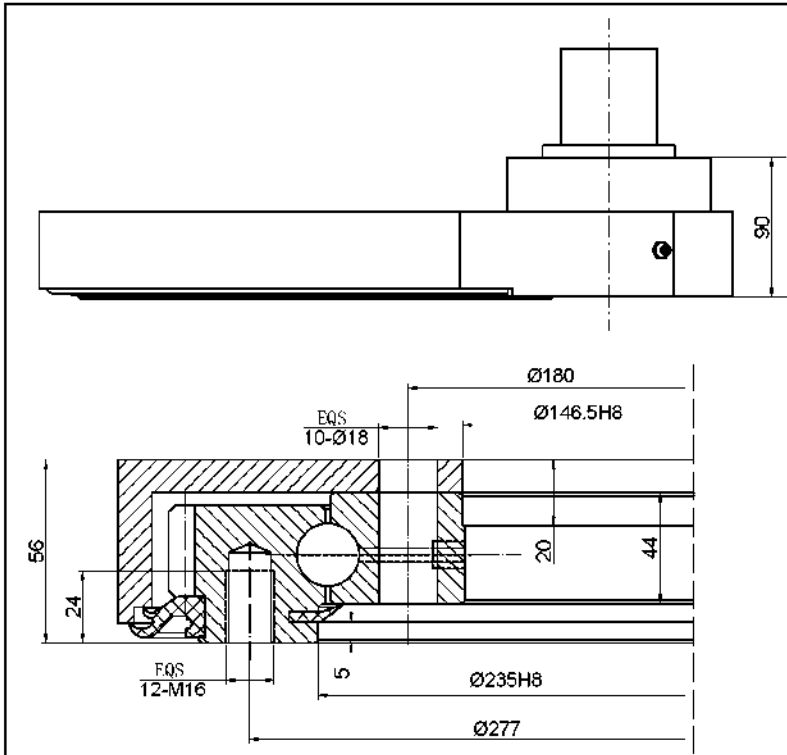
Macchine Agricole



SG-I-1091

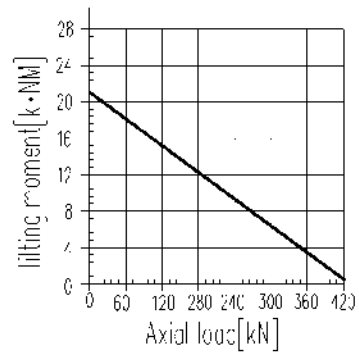


Postazioni Radar



Lubrication of slewing drive
2 M10X1 grease nipples on the inner ring
M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

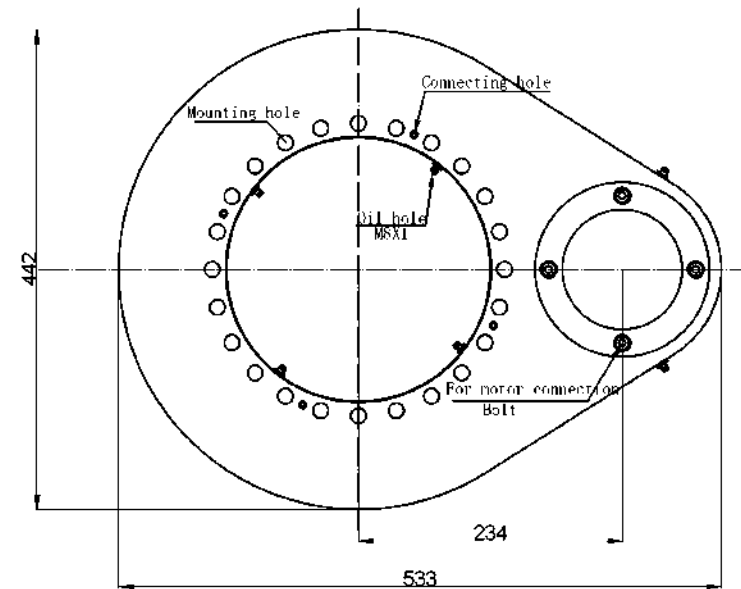
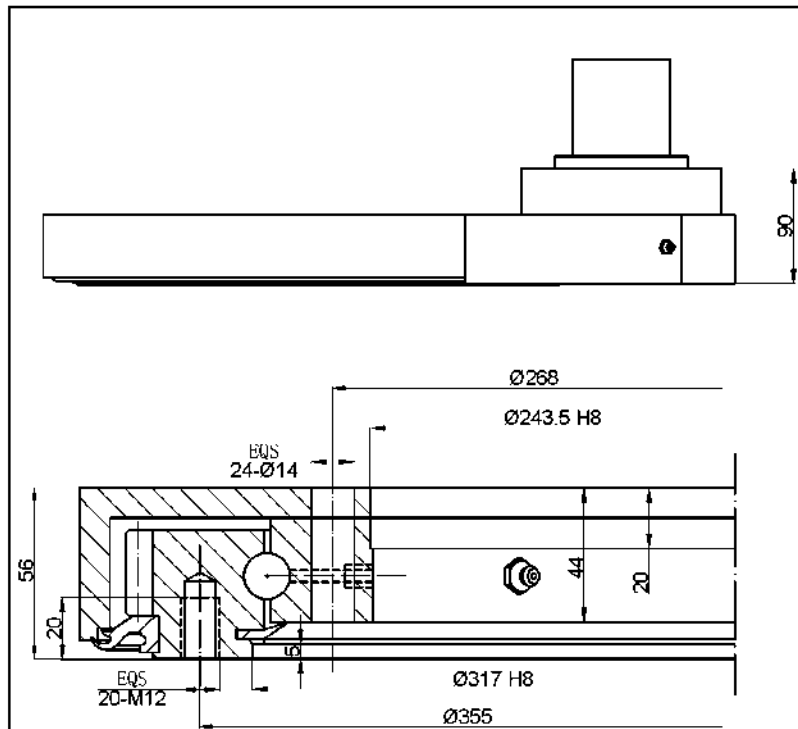
Module	m	mm	4
Teeth number of wheel	Z_2	-	81
Teeth number of pinion	Z_1	-	15
Overall gear ration	i	-	5.4
Max torque	SFS=1.75	$M_{d max}$	\sqrt{r} 2852
Nom torque	SF=1 at n=5rpm	$M_{d nom}$	\sqrt{r} 2476
Max holding torque		M_h	\sqrt{r} 2852
Radial static load		$C_{o rad}$	\sqrt{N} 151
Axial static load		$C_{o ax}$	\sqrt{N} 439
Radial dynamic load		C_{rad}	\sqrt{N} 143
Axial dynamic load		C_{ax}	\sqrt{N} 168
(12KG including RE-300 hydraulic motor)/Weight		\sqrt{kg}	46
Pressure differential	ΔP	bar	150
Oil flow	Q	\sqrt{min}	13
Output speed	n	min	5
Max achievable torque	M_a	\sqrt{m}	2852



— Raceway curve

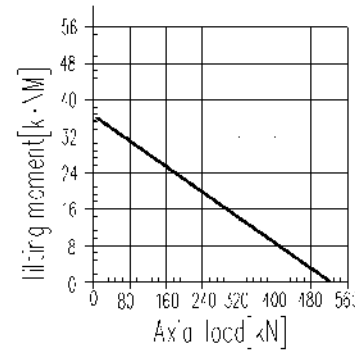
Please adhere strictly to the technical information section when using above graph.

SG-I-0229-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

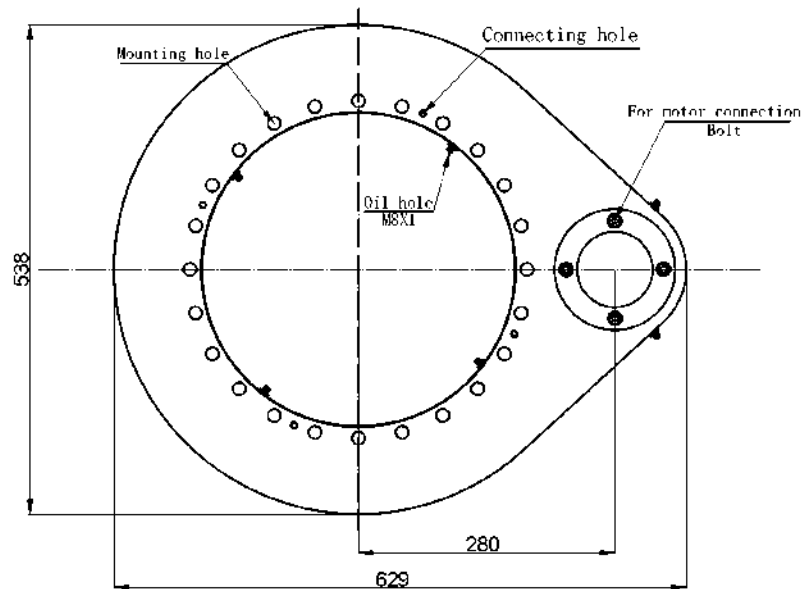
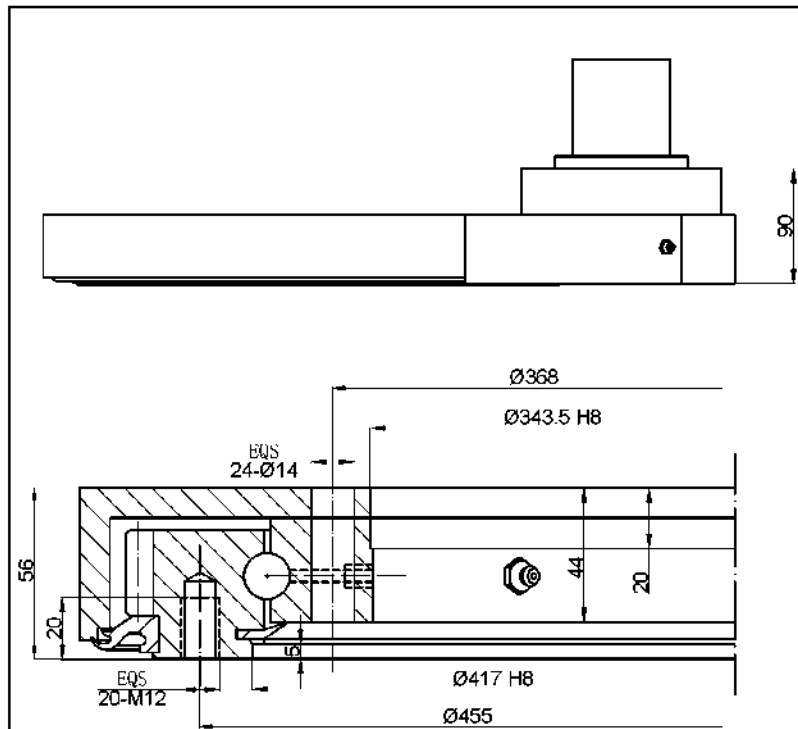
Module	m	mm	4
Teeth number of wheel	Z_2	-	102
Teeth number of pinion	Z_1	-	15
Overall gear ration	i	-	6.80
Max torque	SFS=1.75 M_{dmax}	\sqrt{r}	3574
Nom torque	SF=1 at n=5rpm M_{dnom}	\sqrt{r}	2520
Max holding torque	M_h	\sqrt{r}	3574
Radial static load	C_{orad}	\sqrt{N}	198
Axial static load	C_{oax}	\sqrt{N}	529
Radial dynamic load	C_{rad}	\sqrt{N}	163
Axial dynamic load	C_{ax}	\sqrt{N}	190
(12KG including RE-300 hydraulic motor)/Weight	G	kg	52
Pressure differential	ΔP	bar	150
Oil flow	Q	$\frac{l}{min}$	15
Output speed	n	$\frac{min}{h}$	5
Max achievable torque	M_d	\sqrt{m}	3574



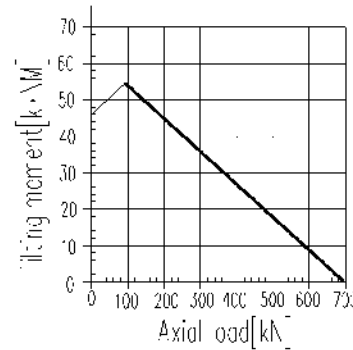
— Raceway curve
- - Bolt curve R 0.2
Bolt class 10.9

Please adhere strictly to
the technical information section
when using above graph.

SG-I-0311-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

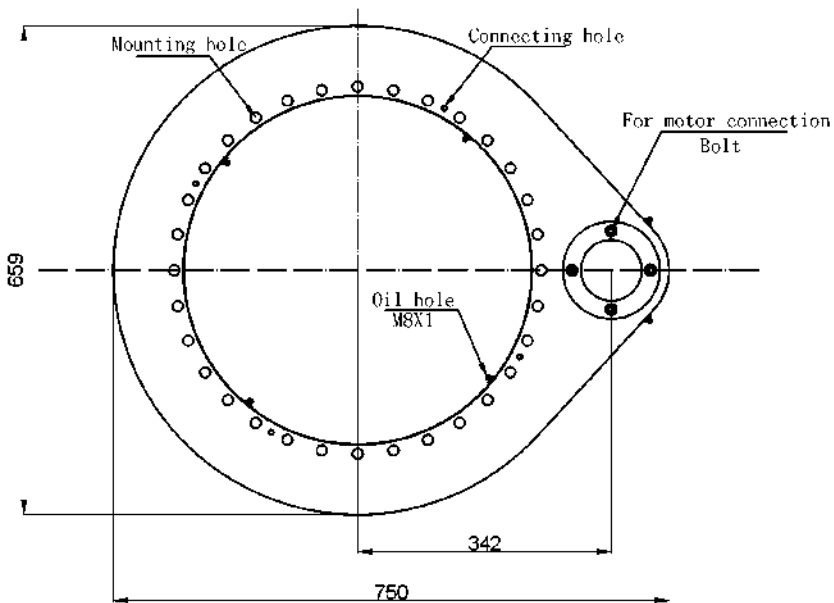
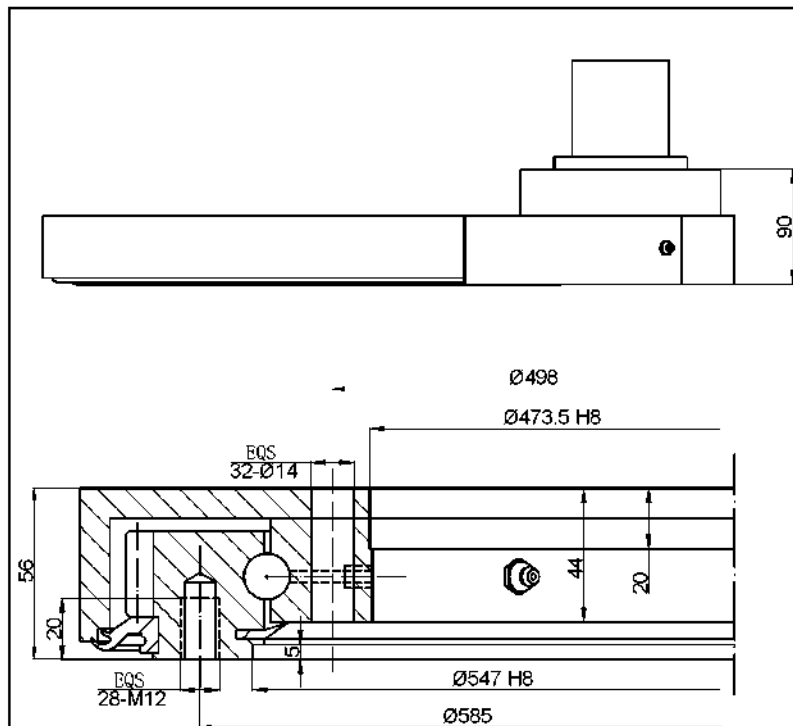


— Rollway curve
- - Bolt curve R p0.2
Bolt class 10.9

Please adhere strictly to the technical information section when using above graph.

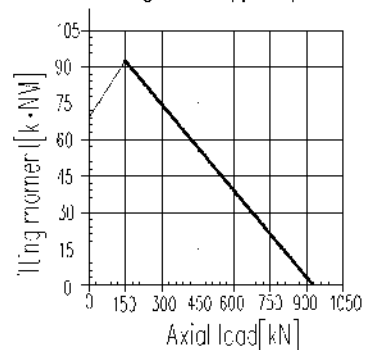
Module	m	mm	4
Teeth number of wheel	Z_2	-	126
Teeth number of pinion	Z_1	-	15
Overall gear ration	i	-	8.40
Max torque	M_{dmax}	\sqrt{r}	4476
Nom torque	M_{dnom}	\sqrt{r}	3181
Max holding torque	M_h	\sqrt{r}	4476
Radial static load	C_{0rad}	\sqrt{N}	261
Axial static load	C_{0ax}	\sqrt{N}	699
Radial dynamic load	C_{rad}	\sqrt{N}	180
Axial dynamic load	C_{ax}	\sqrt{N}	211
(12KG including RE-300 hydraulic motor)/Weight	G	\sqrt{kg}	62
Pressure differential	ΔP	\sqrt{bar}	150
Oil flow	Q	$\sqrt{l/min}$	17
Output speed	n	$\sqrt{min^{-1}}$	5
Max achievable torque	M_d	\sqrt{Nm}	4476

SG-I-0411-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

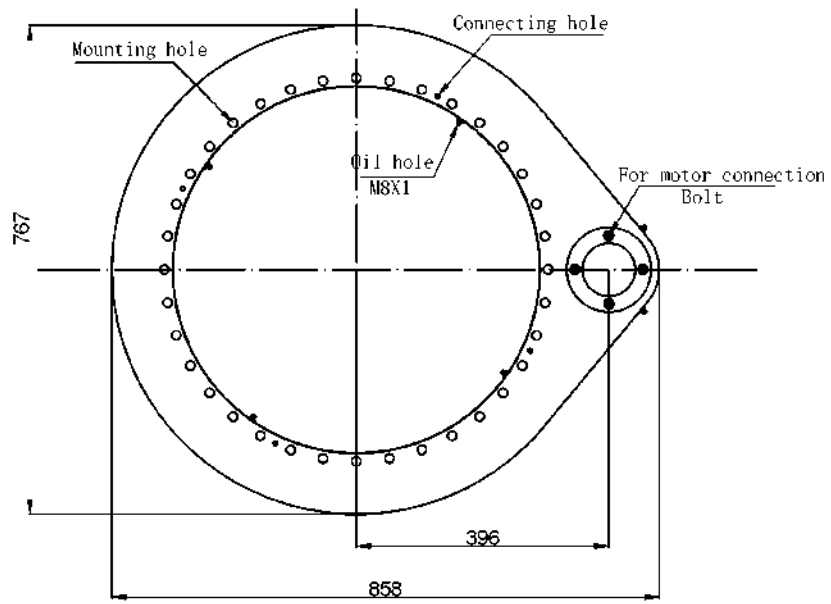
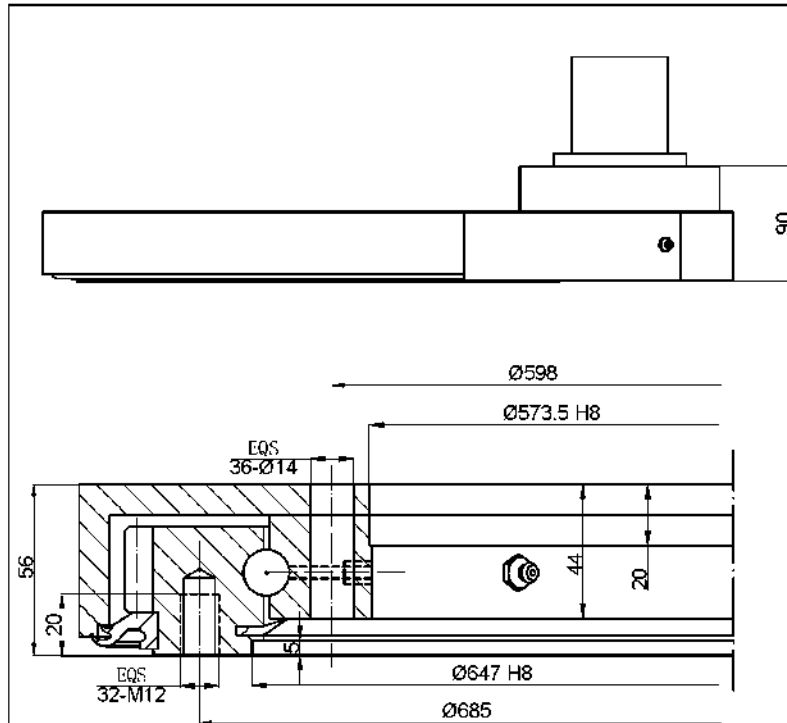
Module	m	mm	4
Teeth number of wheel	Z_2	-	156
Teeth number of pinion	Z_1	-	15
Overall gear ration	i	-	10.40
Max torque	SFS=1.75	$M_{d\ max}$	Nm 5632
Nom torque	SF=1 at n=5rpm	$M_{d\ nom}$	Nm 4031
Max holding torque		M_h	Nm 5632
Radial static load		$C_{o\ rad}$	kN 344
Axial static load		$C_{o\ ax}$	kN 922
Radial dynamic load		C_{rd}	kN 201
Axial dynamic load		C_{ax}	kN 236
(12KG including RE-300 hydraulic motor)/Weight		kg	75
Pressure differential	ΔP	bar	150
Oil flow	Q	l/min	21
Output speed	n	min ⁻¹	5
Max achievable torque	M_d	Nm	5632



— Raceway curve
- - - Ball curve R p0.2
Bot class 10.9

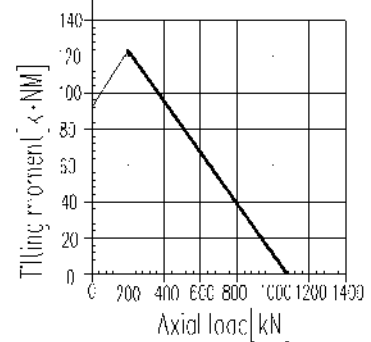
Please adhere strictly to
the technical information section
when using above graph.

SG-I-0541-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

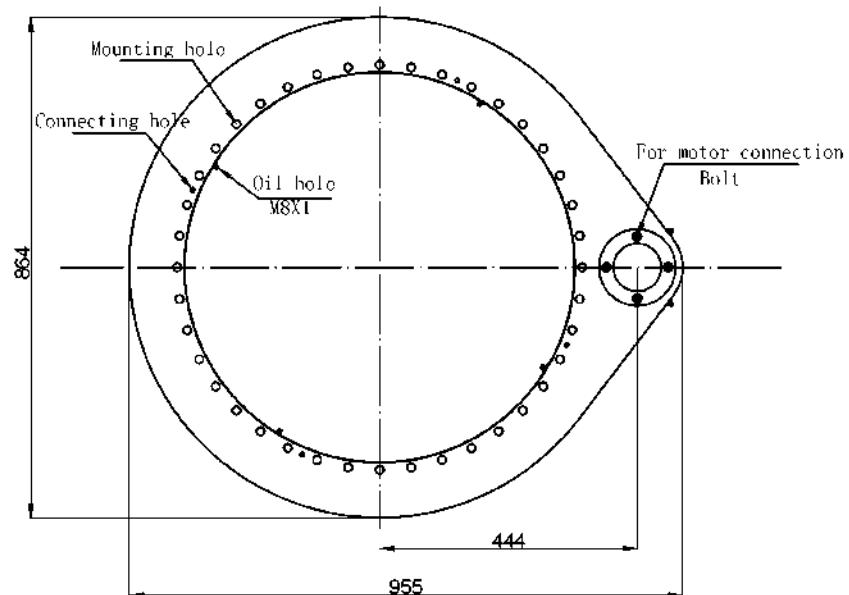
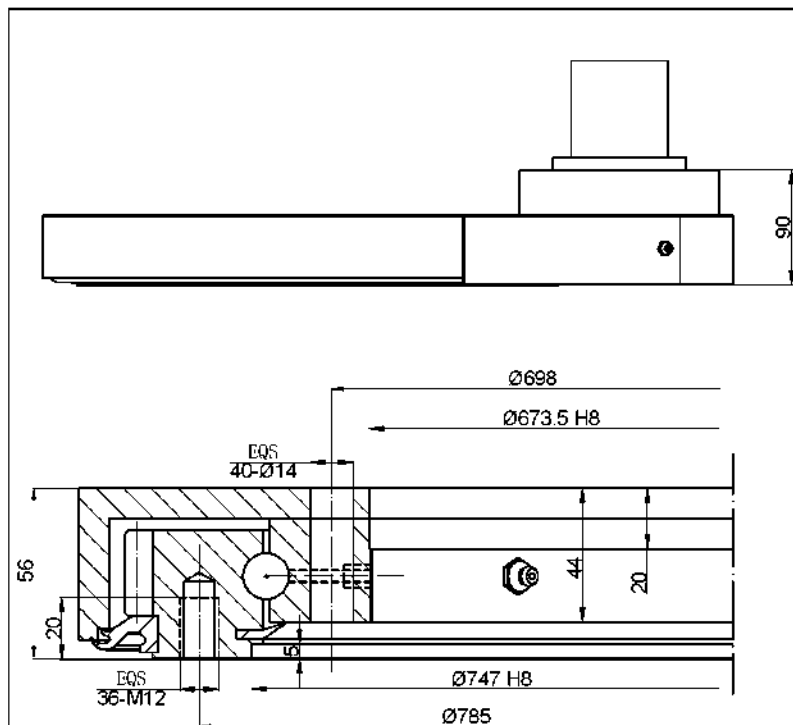
Module	m	[mm]	4
Teeth number of wheel	Z_2		183
Teeth number of pinion	Z_1		15
Overall gear ration	i	-	12.20
Max torque	$SFS=1.75$	$M_{d max}$ [N·r]	6534
Nom torque	$SF=1$ at $n=5rpm$	$M_{d nom}$ [N·r]	4675
Max holding torque		M_h [N·r]	6534
Radial static load		$C_{o rad}$ [kN]	408
Axial static load		$C_{o ax}$ [kN]	1092
Radial dynamic load		C_{rad} [kN]	215
Axial dynamic load		C_{ax} [kN]	251
(12KG including RE-300 hydraulic motor)/Weight		[kg]	85
Pressure differential	ΔP	[bar]	155
Oil flow	Q	[l/min]	23
Output speed	n	[r/min]	5
Max achievable torque	M_d	[Nm]	6534



— Raceway curve
- - Bolt curve R p0.2
Ball class 10.9

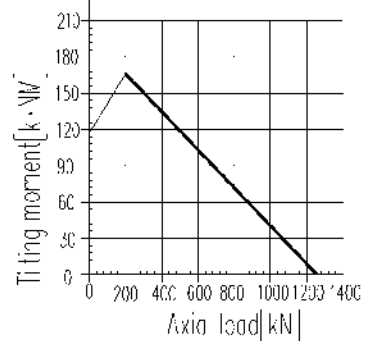
Please adhere strictly to the technical information section when using above graph.

SG-I-0641-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

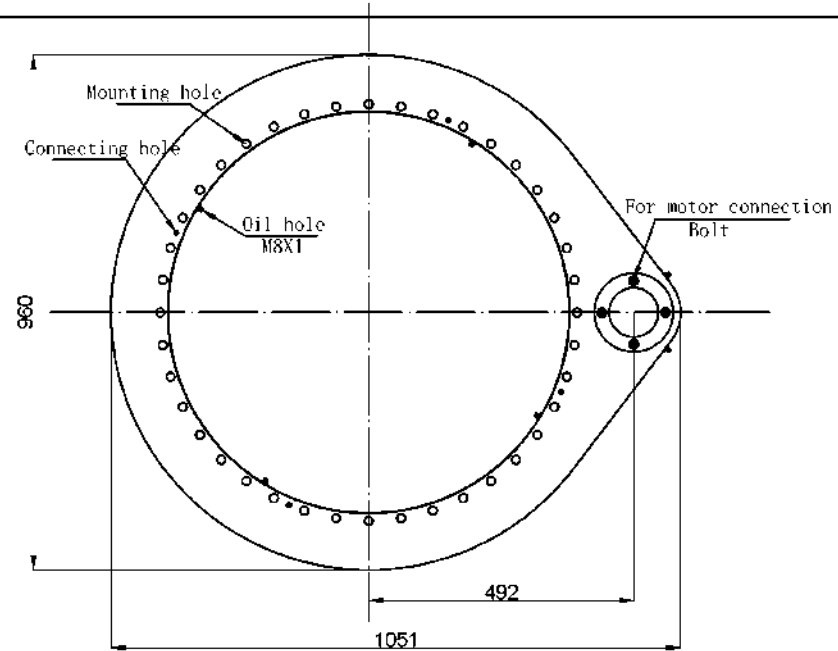
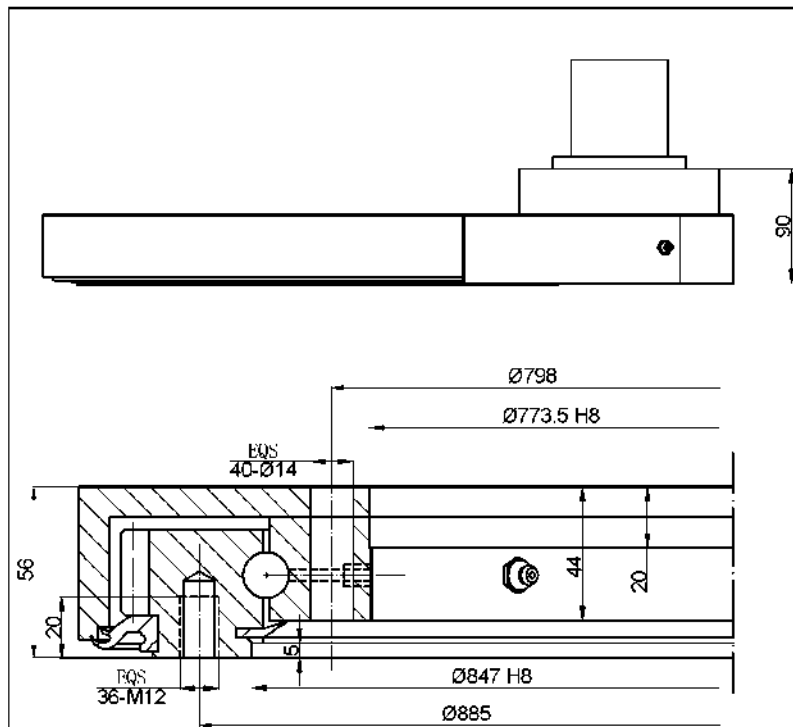
Module	m	mm	4
Teeth number of wheel	Z_2		207
Teeth number of pinion	Z_1		15
Overall gear ration	i	-	13.8
Max torque	$SFS=1.75$ $M_{d\ max}$	Nm	7437
Nom torque	$SF=1$ at $n=5\text{rpm}$ $M_{d\ nom}$	Nm	5362
Max holding torque	M_h	Nm	7066
Radial static load	$C_{o\ rad}$	kN	471
Axial static load	$C_{o\ ax}$	kN	1262
Radial dynamic load	C_{rad}	kN	226
Axial dynamic load	C_{ax}	kN	264
(12KG including RE-300 hydraulic motor)/Weight		kg	95
Pressure differential	ΔP	bar	155
Oil flow	Q	l/min	25
Output speed	n	rpm	5
Max achievable torque	M_d	Nm	7437



— Raceway curve
- - Bolt curve $R \sigma 0.2$
Bolt class 10.9

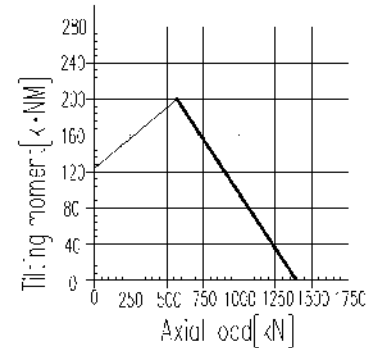
Please adhere strictly to
the technical information section
when using above graph.

SG-I-0741-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

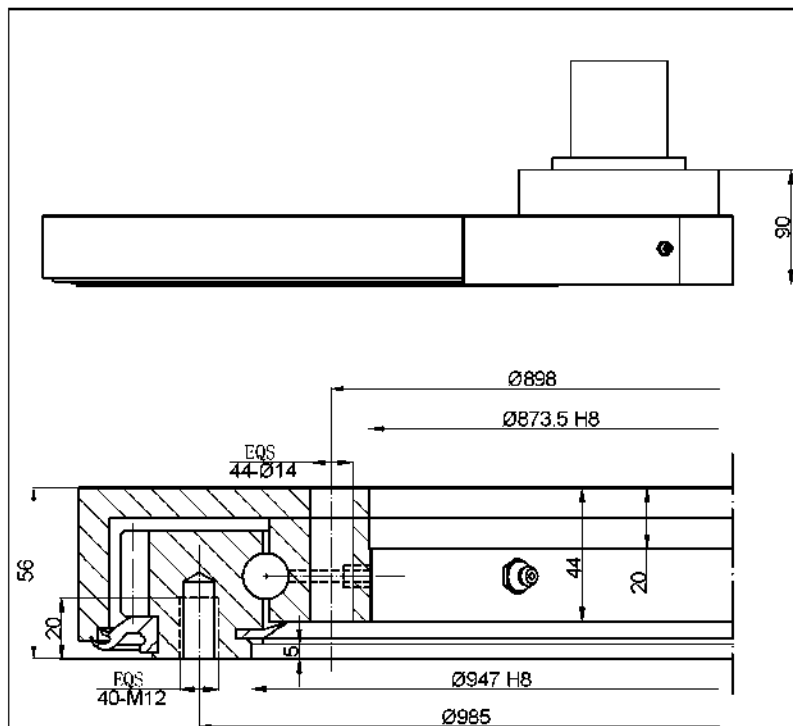
Module	m	mm	4
Teeth number of wheel	Z_2	-	231
Teeth number of pinion	Z_1	-	15
Overall gear ration	i	-	15.40
Max torque	SFS=1.75	$M_{d max}$	Nm 8339
Nom torque	SF=1 at n=5rpm	$M_{d nom}$	Nm 6012
Max holding torque		M_h	Nm 8339
Radial static load		$C_{o rad}$	kN 535
Axial static load		$C_{o ax}$	kN 1433
Radial dynamic load		C_{rad}	kN 237
Axial dynamic load		C_{ax}	kN 278
(12KG including RE-300 hydraulic motor)/Weight		kg	106
Pressure differential	ΔP	bar	155
Oil flow	Q	l/min	28
Output speed	n	min ⁻¹	5
Max achievable torque	M_d	Nm	8339



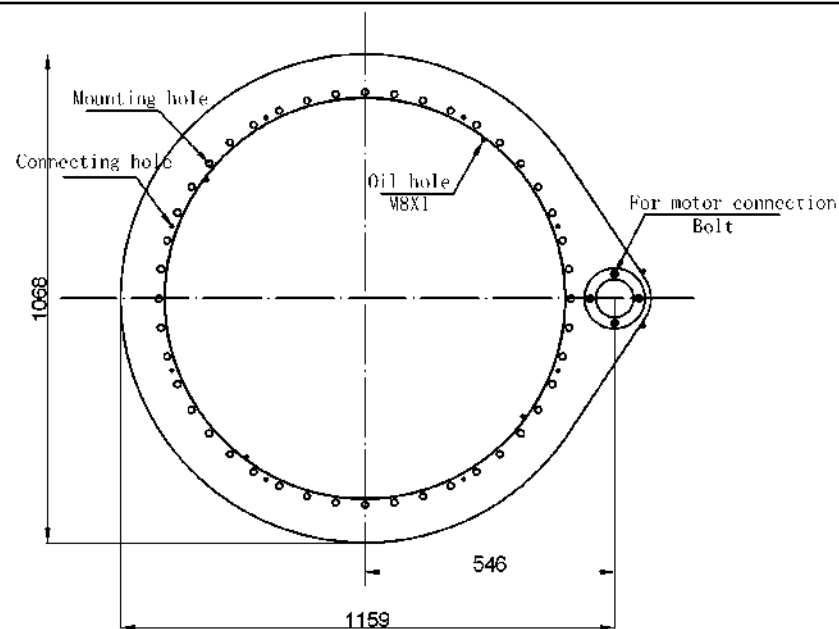
— Raceway curve
- - Bolt curve R $\phi 0.2$
Bolt class 10.9

Please adhere strictly to the technical information section when using above graph.

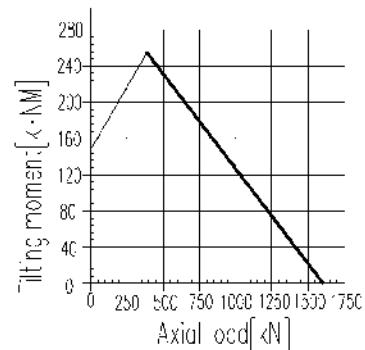
SG-I-0841-25-S



Module	m	[mm]	4
Teeth number of wheel	Z ₂	-	258
Teeth number of pinion	Z ₁	-	15
Overall gear ration	i	-	17.2
Max torque	SFS=1.75 M _{d max}	[Nm]	9242
Nom torque	SF=1 at n=5rpm M _{d nom}	[Nm]	6688
Max holding torque	M _h	[Nm]	9242
Radial static load	C _{o rad}	[kN]	599
Axial static load	C _{o ax}	[kN]	1603
Radial dynamic load	C _{rad}	[kN]	247
Axial dynamic load	C _{ax}	[kN]	290
(12KG including RE-300 hydraulic motor)/Weight	k _c	[kg]	116
Pressure differential	ΔP	[bar]	155
Oil flow	Q	[l/min]	30
Output speed	n	[rpm]	5
Max achievable torque	M _d	[Nm]	9242



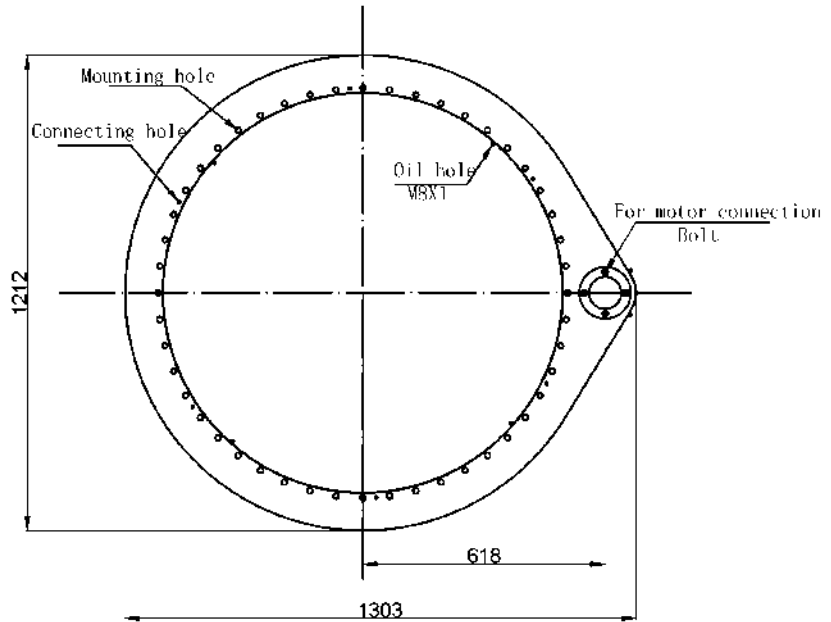
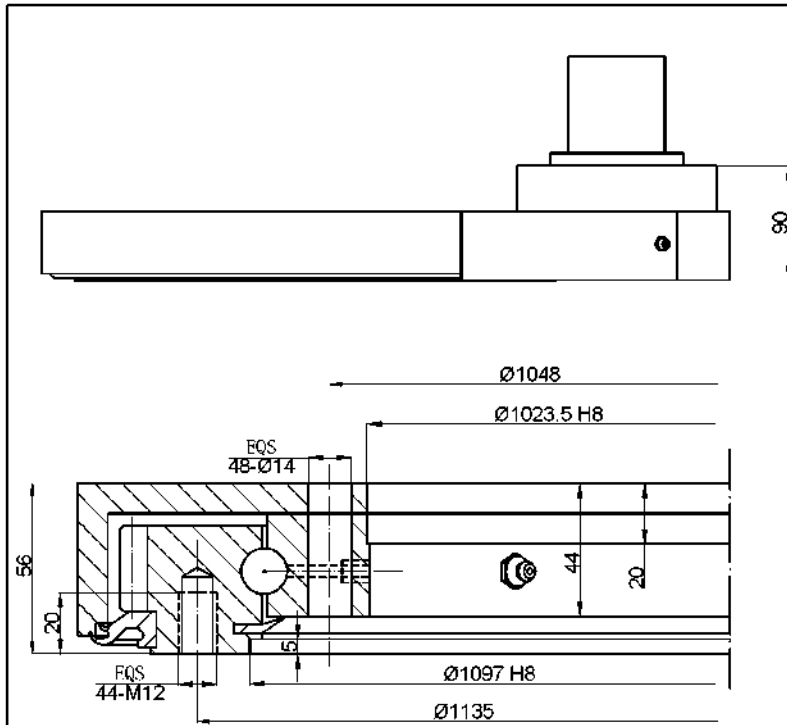
Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated



— Raceway curve
- - Bolt curve R $\phi 0.2$
Bolt class 10.9

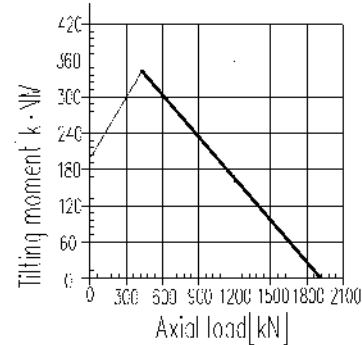
Please adhere strictly to
the technical information section
when using above graph.

SG-I-0941-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

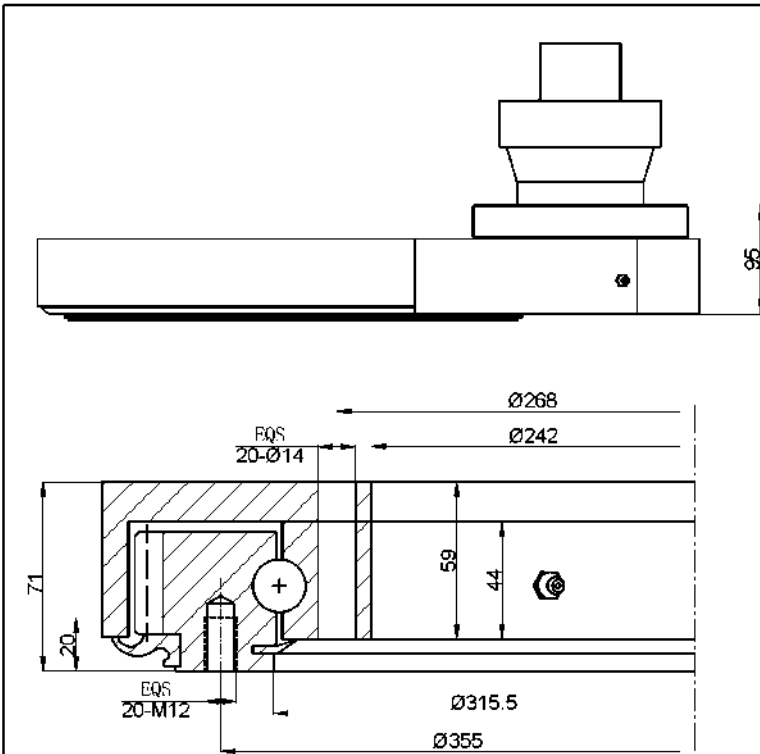
Module	m	[mm]	4
Teeth number of wheel	Z ₂		294
Teeth number of pinion	Z ₁		15
Overall gear ration	i		19.6
Max torque	SFS=1.75 M _{d max}	[Nm]	10613
Nom torque	SF=1 at n=5rpm M _{d nom}	[Nm]	7681
Max holding torque	M _h	[Nm]	10613
Radial static load	C _{o rad}	[kN]	695
Axial static load	C _{o ax}	[kN]	1859
Radial dynamic load	C _{rad}	[kN]	261
Axial dynamic load	C _{ax}	[kN]	305
(12KG including RE-300 hydraulic motor)/Weight	kc		132
Pressure differential	ΔP	[bar]	150
Oil flow	Q	[l/min]	35
Output speed	n	[r/min]	5
Max achievable torque	M _d	[Nm]	10613



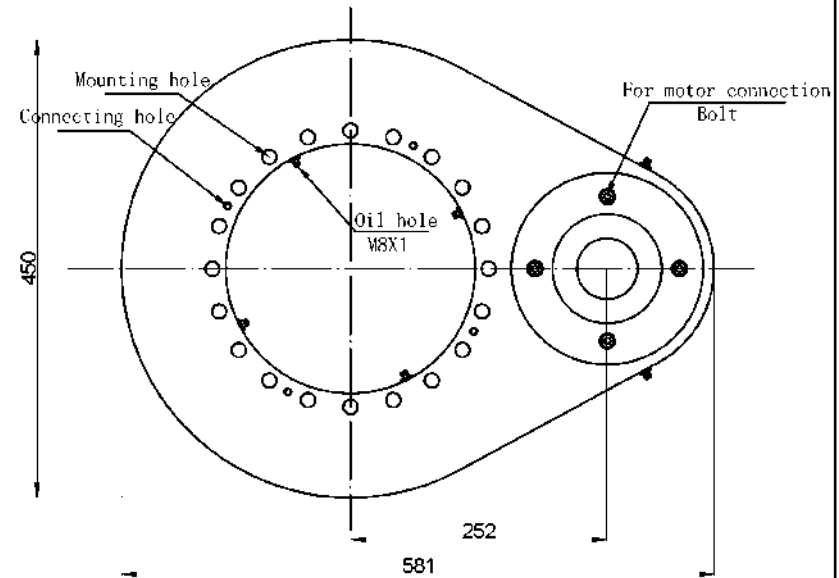
— Raceway curve
- - Bolt curve R pC.2
Bolt class 10.9

Please adhere strictly to the technical information section when using above graph.

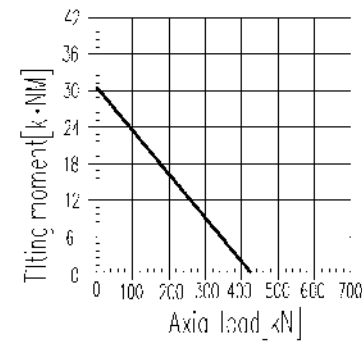
SG-I-1091-25-S



Module	m	[mm]	6
Teeth number of wheel	z_2		69
Teeth number of pinion	z_1		15
Overall gear ratio	i		4.60
Max torque	$M_{d max}$	[Nm]	8191
Nom torque	$M_{d nom}$	[Nm]	6139
<small>SP=1 at n=5rpm</small>			
Max holding torque	M_h	[Nm]	8191
Radial static load	$C_{o rad}$	[kN]	181
Axial static load	$C_{o ax}$	[kN]	425
Radial dynamic load	C_{rad}	[kN]	133
Axial dynamic load	C_{ax}	[kN]	133
(8KG including T-308 hydraulic motor)/Weight		[kg]	80
Pressure differential	ΔP	[bar]	124
Oil flow	Q	[l/min]	39
Output speed	n	[min ⁻¹]	5
Max achievable torque	M_d	[Nm]	8191



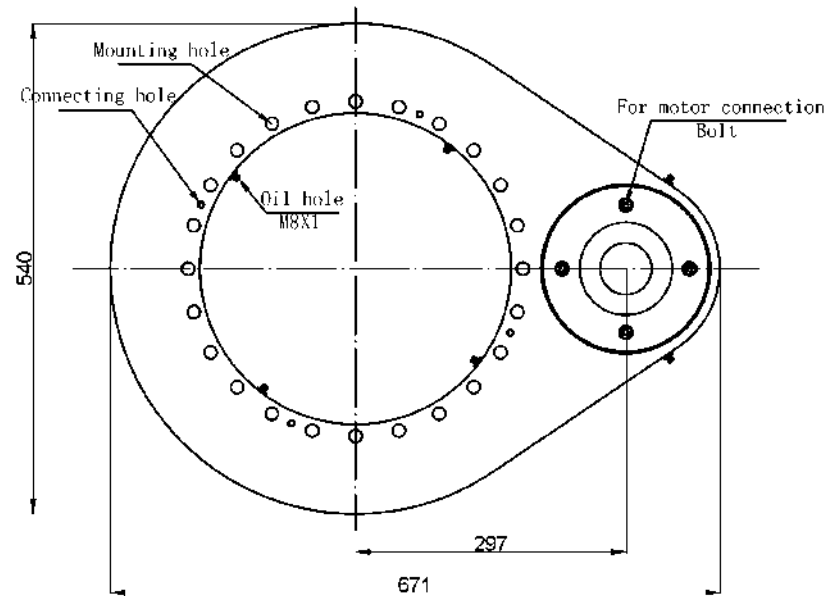
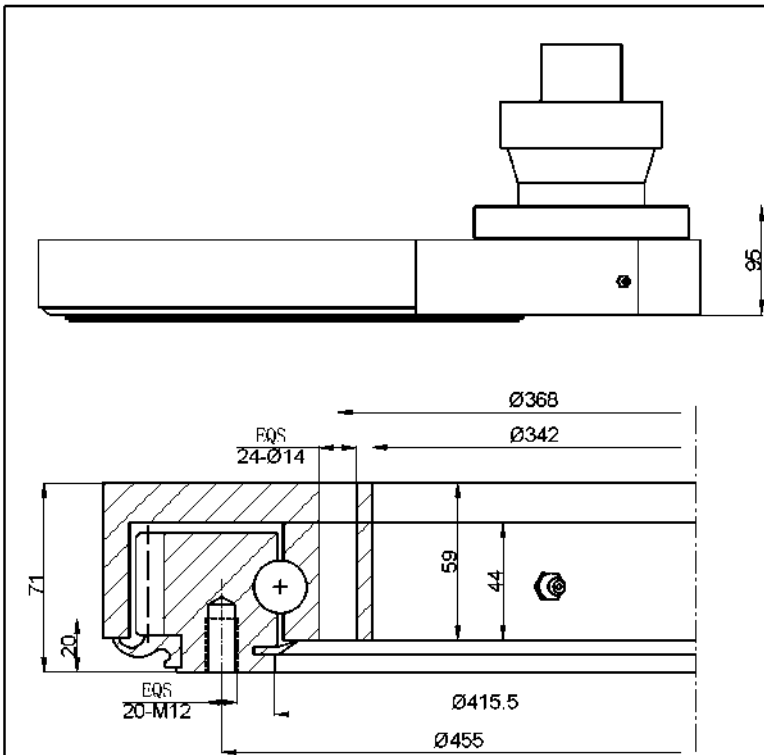
Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated



— Raceway curve
- - - Bolt curve R p0.2
Bolt class 10.9

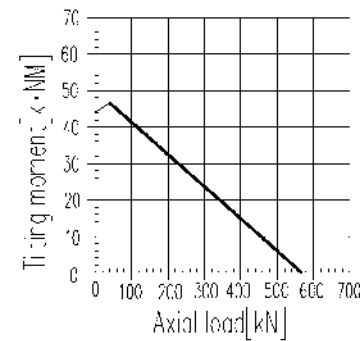
Please adhere strictly to
the technical information section
when using above graph.

SG-M-0311-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

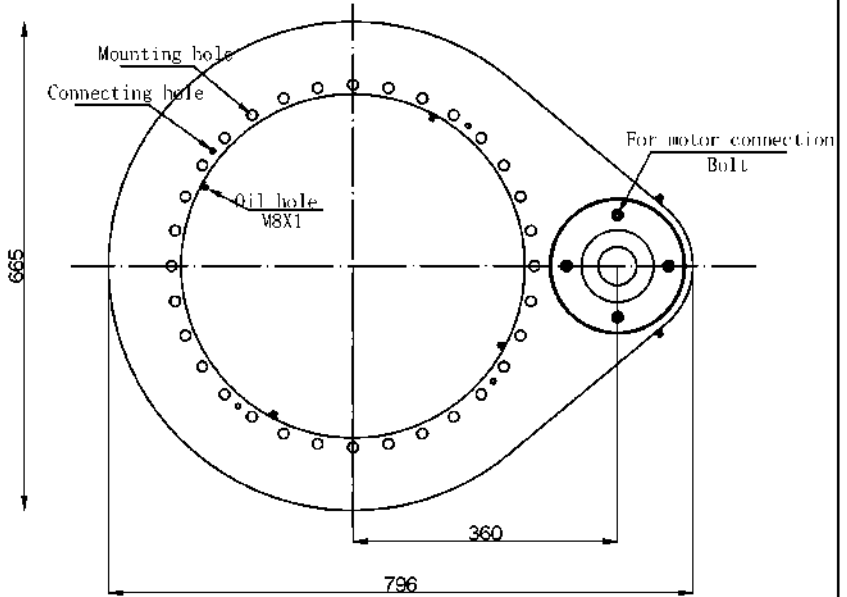
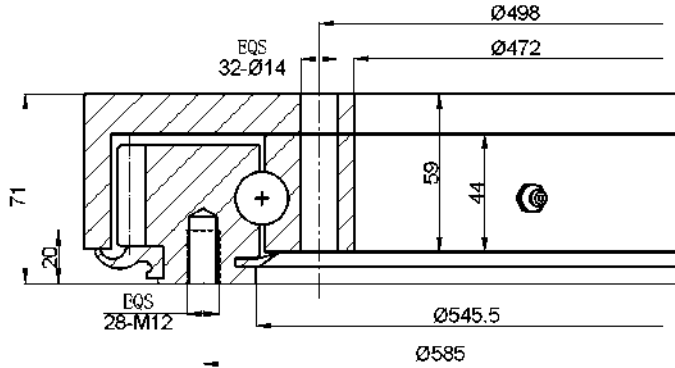
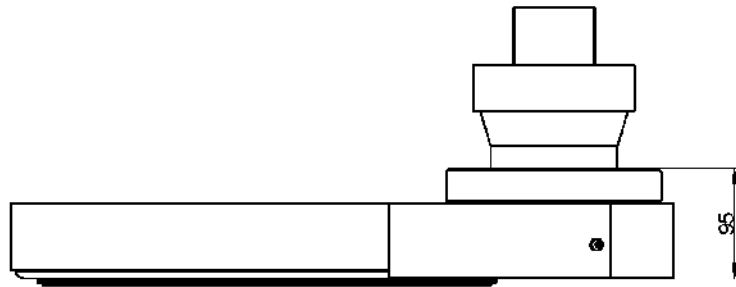
Module	m	[mm]	6
Teeth number of wheel	Z_2		84
Teeth number of pinion	Z_1		15
Overall gear ration	i		5.6
Max torque	$M_{g\ max}$	[Nm]	10147
Nom torque	$M_{d\ nom}$	[Nm]	7687
Max holding torque	M_h	[Nm]	10147
Radial static load	$C_{o\ rad}$	[kN]	240
Axial static load	$C_{o\ ax}$	[kN]	561
Radial dynamic load	C_{rad}	[kN]	147
Axial dynamic load	C_{ax}	[kN]	147
(10KG including 2-200 hydraulic motor)/Weight		[kg]	95
Pressure differential	ΔP	[bar]	190
Oil flow	Q	[l/min]	28
Output speed	n	[min ⁻¹]	5
Max achievable torque	M_d	[Nm]	10147



— Raceway curve
- - - Bolt curve R p0.2
Bolt class 10.9

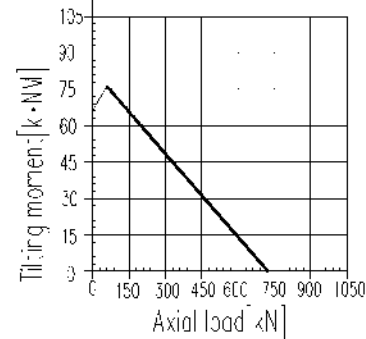
Please adhere strictly to the technical information section when using above graph.

SG-M-0411-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

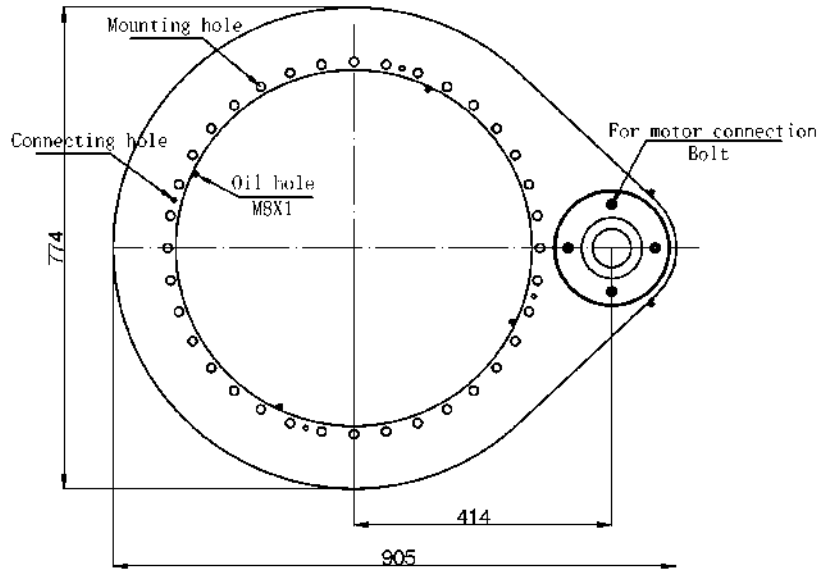
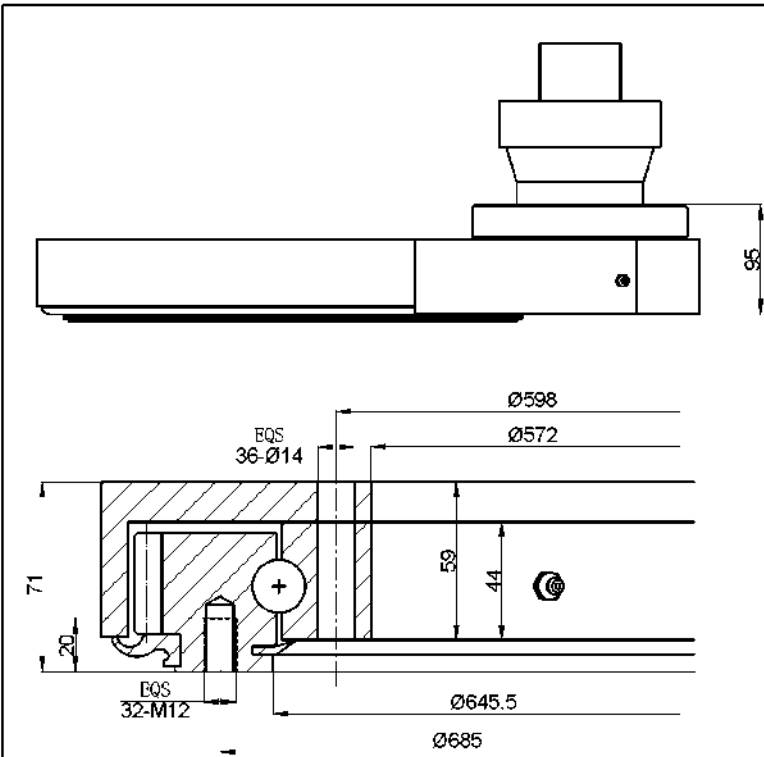
Module	m	[mm]	6
Teeth number of wheel	z_2	-	105
Teeth number of pinion	z_1	-	15
Overall gear ration	i	-	7
Max torque	M_{dmax}	[Nm]	12837
Nom torque	M_{dnom}	[Nm]	9845
Max holding torque	M_h	[Nm]	12837
Radial static load	C_{rad}	[kN]	316
Axial static load	C_{ax}	[kN]	739
Radial dynamic load	C_{rad}	[kN]	164
Axial dynamic load	C_{ax}	[kN]	165
(10KG including 2-200 hydraulic motor)/Weight		[kg]	110
Pressure differential	ΔP	[bar]	190
Oil flow	Q	[l/min]	34
Output speed	n	[min ⁻¹]	5
Max achievable torque	M_d	[Nm]	12837



— Raceway curve
- - - Bolt curve R p0.2
Bell class 10.9

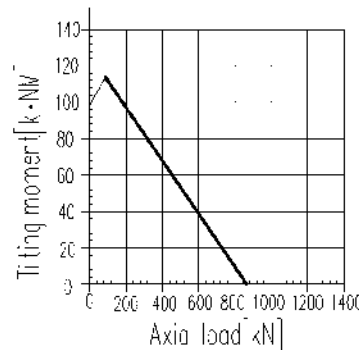
⚠ Please adhere strictly to the technical information section when using above graph.

SG-M-0541-25-S



Lubrication of slewing drive
4 MSX1 grease nipples on the inner ring
2 MSX1 grease nipples on the housing
Slewing drive supplied pre-lubricated

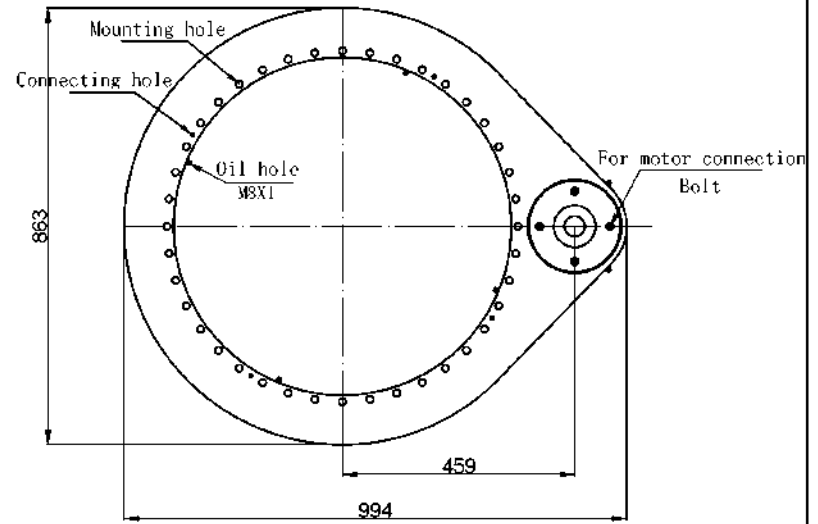
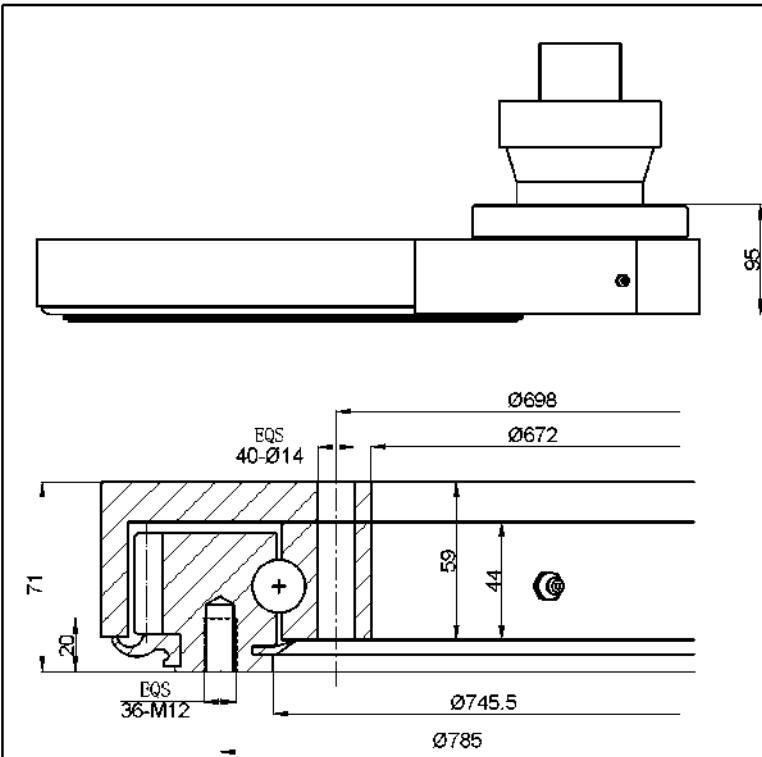
Module	m	[mm]	6
Teeth number of wheel	z_2	-	123
Teeth number of pinion	z_1	-	15
Overall gear ration	i	-	8.2
Max torque	$M_{d max}$	[Nm]	14916
Nom torque	$M_{d nom}$	[Nm]	11508
Max holding torque	M_h	[Nm]	14916
Radial static load	$C_{o rad}$	[kN]	374
Axial static load	$C_{o ax}$	[kN]	876
Radial dynamic load	C_{rd}	[kN]	175
Axial dynamic load	C_{ax}	[kN]	176
(10KG including 2-200 hydraulic motor)/Weight	G	[kg]	125
Pressure differential	ΔP	[bar]	190
Oil flow	Q	[l/min]	38
Output speed	n	[min ⁻¹]	5
Max achievable torque	M_d	[Nm]	14916



— Raceway curve
- - - Bolt curve R p0.2
Ball class 'C.9

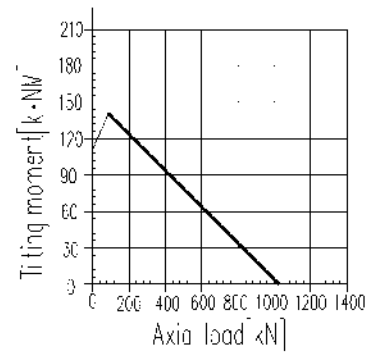
⚠ Please adhere strictly to the technical information section when using above graph.

SG-M-0641-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

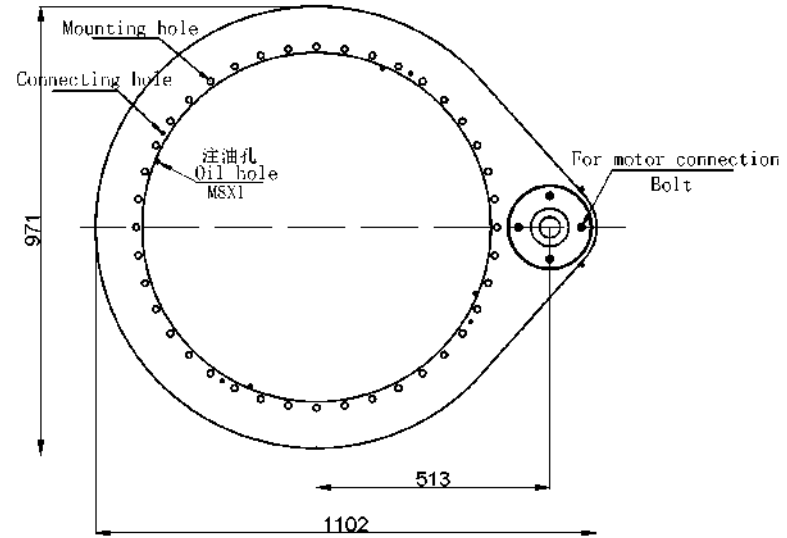
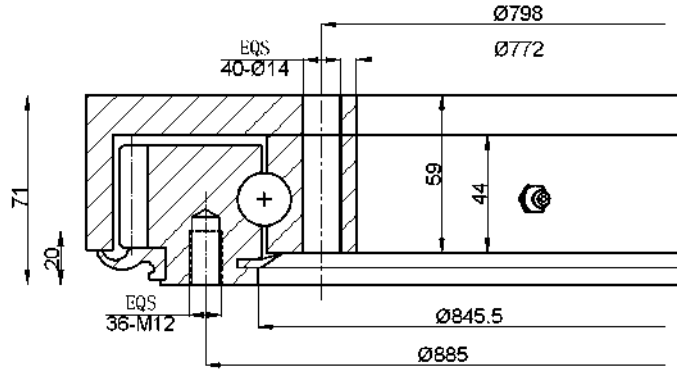
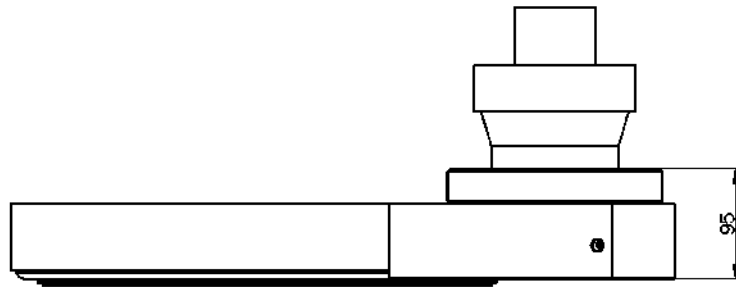
Module	m	[mm]	6
Teeth number of wheel	Z_2	-	138
Teeth number of pinion	Z_1	-	15
Overall gear ration	i	-	9.20
Max torque	$M_{d\ max}$	[Nm]	16872
Nom torque	$M_{d\ nom}$	[Nm]	13057
Max holding torque	M_h	[Nm]	16872
Radial static load	$C_{o\ rad}$	[kN]	433.2
Axial static load	$C_{o\ ax}$	[kN]	1013
Radial dynamic load	C_{rad}	[kN]	184
Axial dynamic load	C_{ax}	[kN]	185
(10KG including 2-200 hydraulic motor)/Weight	G	[kg]	140
Pressure differential	ΔP	[bar]	190
Oil flow	Q	[l/min]	43
Output speed	n	[min ⁻¹]	5
Max achievable torque	M_d	[Nm]	16872



— Raceway curve
— Bolt curve R p0.2
Ball class 'C.9

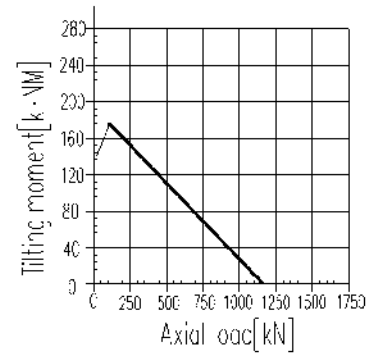
Please adhere strictly to the technical information section when using above graph.

SG-M-0741-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

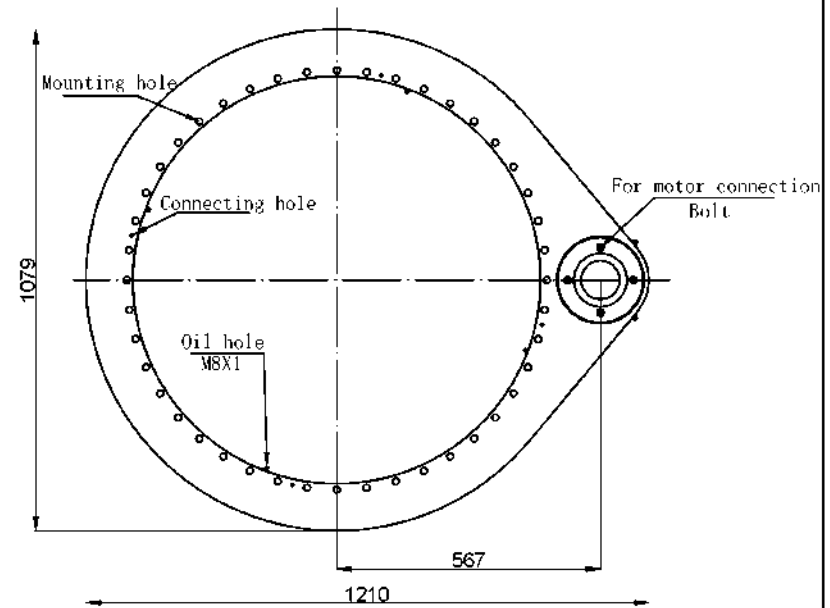
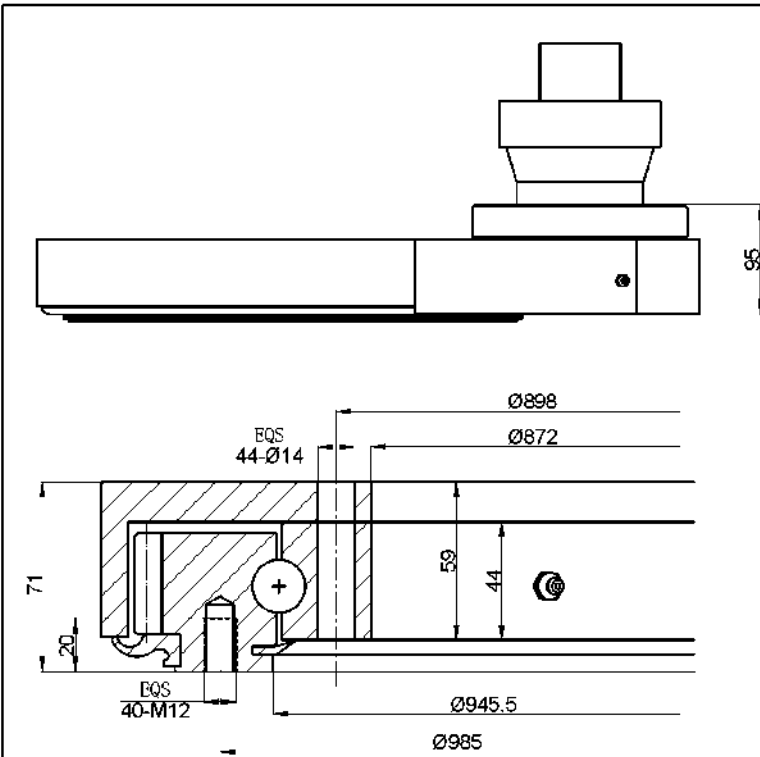
Module	m	mm	6
Teeth number of wheel	Z ₂	-	156
Teeth number of pinion	Z ₁	-	15
Overall gear ration	i	-	10.40
Max torque	M _{d max}	[Nm]	19073
Nom torque	M _{d nom}	[Nm]	14805
	SF=1 at n=5rpm		
Max holding torque	M _h	[Nm]	19073
Radial static load	C _{o rad}	[kN]	492
Axial static load	C _{o ax}	[kN]	1150
Radial dynamic load	C _{rad}	[kN]	194
Axial dynamic load	C _{ax}	[kN]	195
(10KG including 2-200 hydraulic motor)/Weight		[kg]	155
Pressure differential	ΔP	[bar]	190
Oil flow	Q	[l/min]	48
Output speed	n	[min ⁻¹]	5
Max achievable torque	M _d	[Nm]	19073



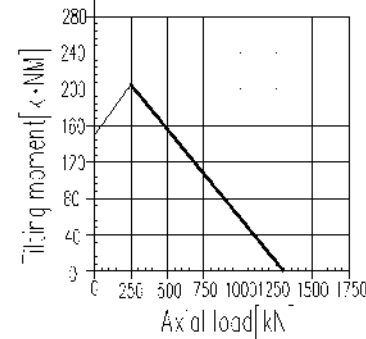
— Raceway curve
- - - Bolt curve R p0.2
Bolt class 10.9

Please adhere strictly to the technical information section when using above graph.

SG-M-0841-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

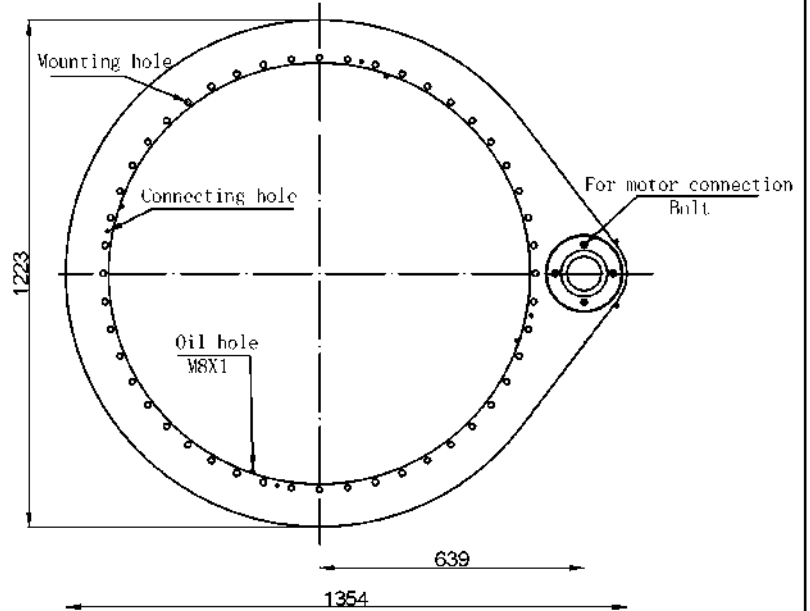
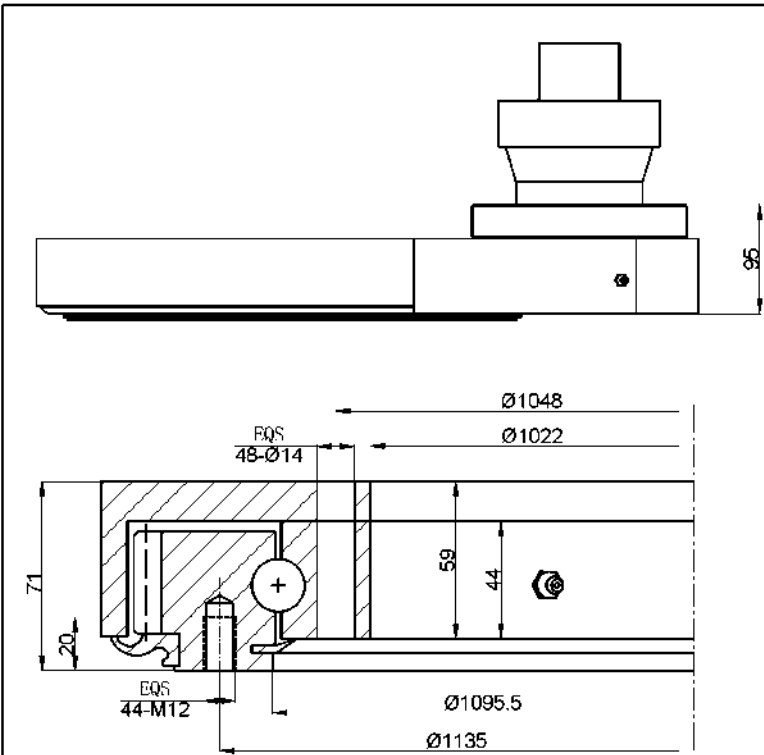


— Raceway curve
- - - Bolt curve R p0.2
Ball class 'C.9

⚠ Please adhere strictly to the technical information section when using above graph.

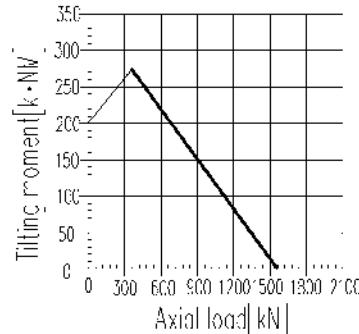
Module	m	[mm]	6
Teeth number of wheel	z_2	-	174
Teeth number of pinion	z_1	-	15
Overall gear ration	i	-	11.60
Max torque	$M_{d \max}$	[Nm]	21029
Nom torque	$M_{d \text{ nom}}$	[Nm]	16323
Max holding torque	M_h	[Nm]	21029
Radial static load	C_{rad}	[kN]	550
Axial static load	C_{ax}	[kN]	1286
Radial dynamic load	C_{rad}	[kN]	201
Axial dynamic load	C_{ax}	[kN]	203
(10KG including 2-200 hydraulic motor)/Weight	G	[kg]	170
Pressure differential	ΔP	[bar]	190
Oil flow	Q	[l/min]	51
Output speed	n	[min ⁻¹]	5
Max achievable torque	M_d	[Nm]	21029

SG-M-0941-25-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

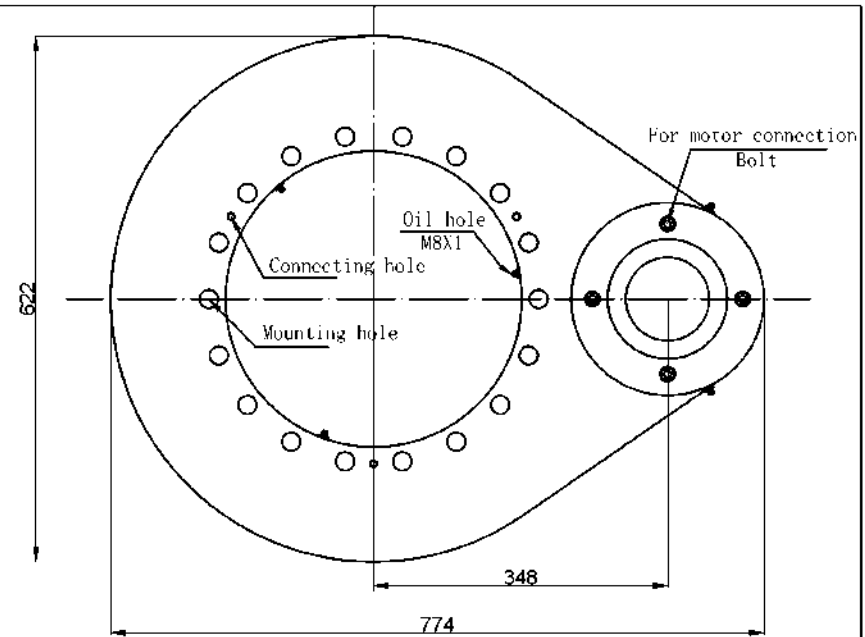
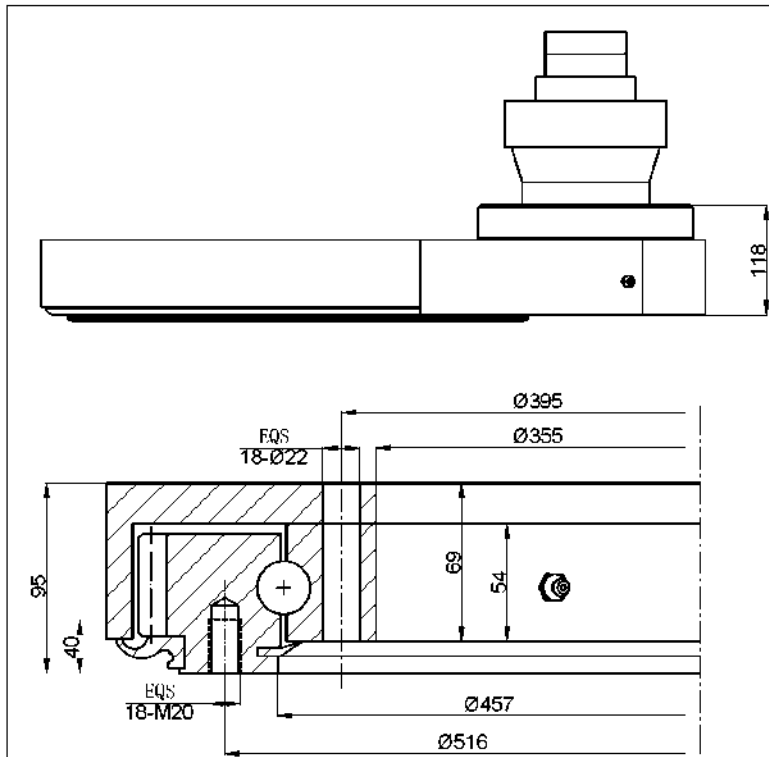
Module	m	[mm]	6
Teeth number of wheel	Z ₂		198
Teeth number of pinion	Z ₁		15
Overall gear ratio	i		13.20
Max torque	M _{d max}	[Nm]	24207
Nom torque	M _{d nom}	[Nm]	18847
	SF=1 at n=5rpm		
Max holding torque	M _h	[Nm]	24207
Radial static load	C _{o rad}	[kN]	638
Axial static load	C _{o ax}	[kN]	1492
Radial dynamic load	C _{rad}	[kN]	213
Axial dynamic load	C _{ax}	[kN]	215
(10KG including 2-200 hydraulic motor)/Weight		[kg]	200
Pressure differential	ΔP	[bar]	190
Oil flow	Q	[l/min]	62
Output speed	n	[min ⁻¹]	5
Max achievable torque	M _d	[Nm]	24207



— Raceway curve
- - - Bolt curve R p0.2
Bolt class 10.9

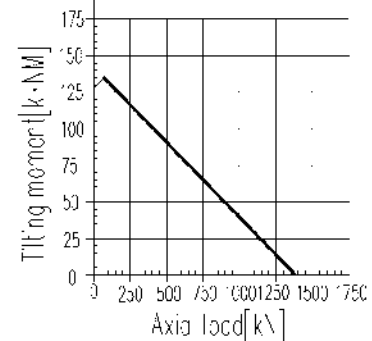
Please adhere strictly to the technical information section when using above graph.

SG-M-1091-25-S



Lubrication of slewing drive
3 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

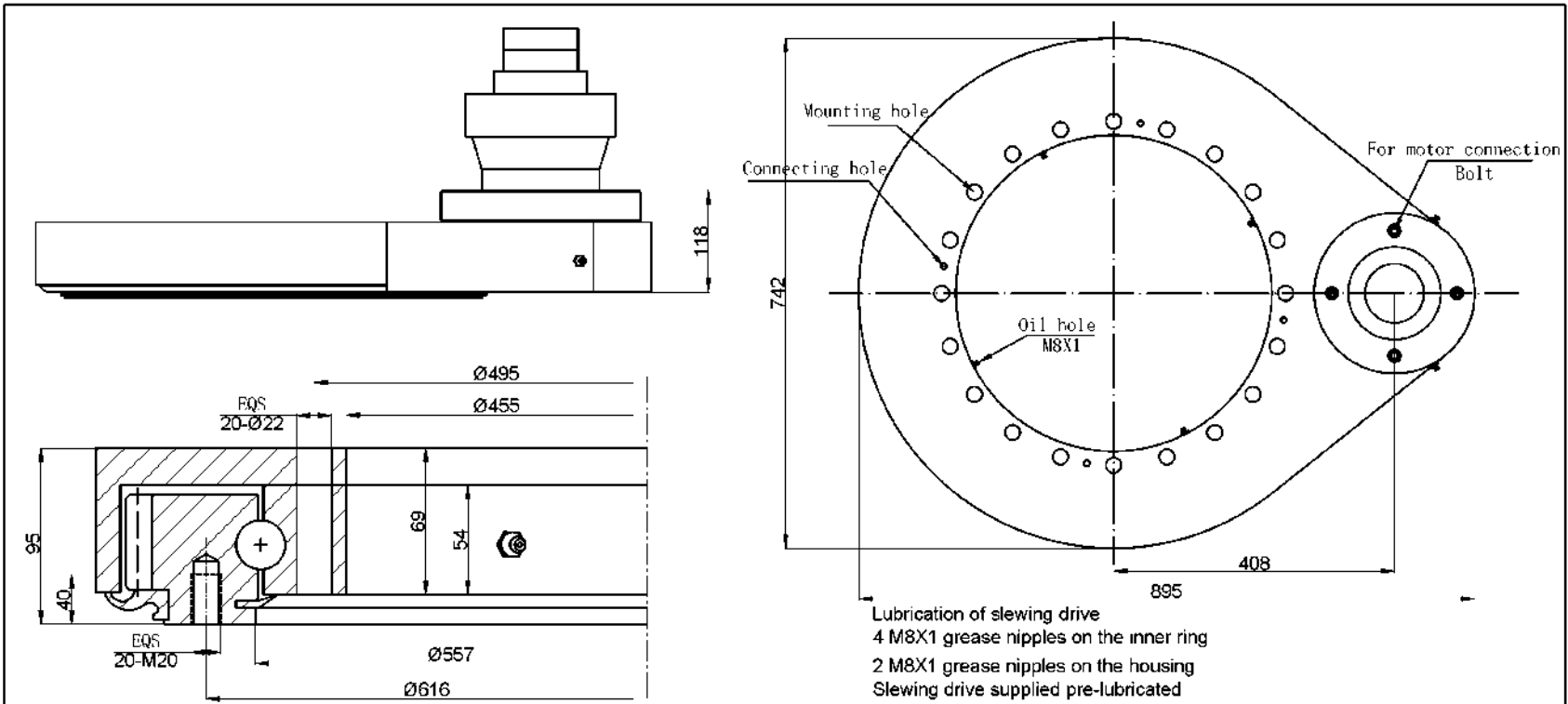
Module	m	mm	8
Teeth number of wheel	z_2	-	72
Teeth number of pinion	z_1	-	15
Overall gear ration	i	-	4.80
Max torque	$M_{d \max}$	Nm	26289
Nom torque	$M_{d \text{ nom}}$	Nm	17209
Max holding torque	M_h	Nm	26289
Radial static load	$C_{0 \text{ rad}}$	kN	508
Axial static load	$C_{0 \text{ ax}}$	kN	1360
Radial dynamic load	C_{rd}	kN	236
Axial dynamic load	C_{ax}	kN	275
(10KG including 2-132 hydraulic motor)/Weight		kg	190
Pressure differential	ΔP	bar	195
Oil flow	Q	l/min	38
Output speed	n	min ⁻¹	3
Max achievable torque	M_d	Nm	26289



— Roceway curve
— Belt curve R p0.2
Bolt class 10.9

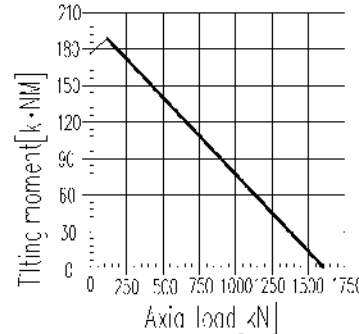
Please adhere strictly to
the technical information section
when using above graph.

SG-H-0455-32-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

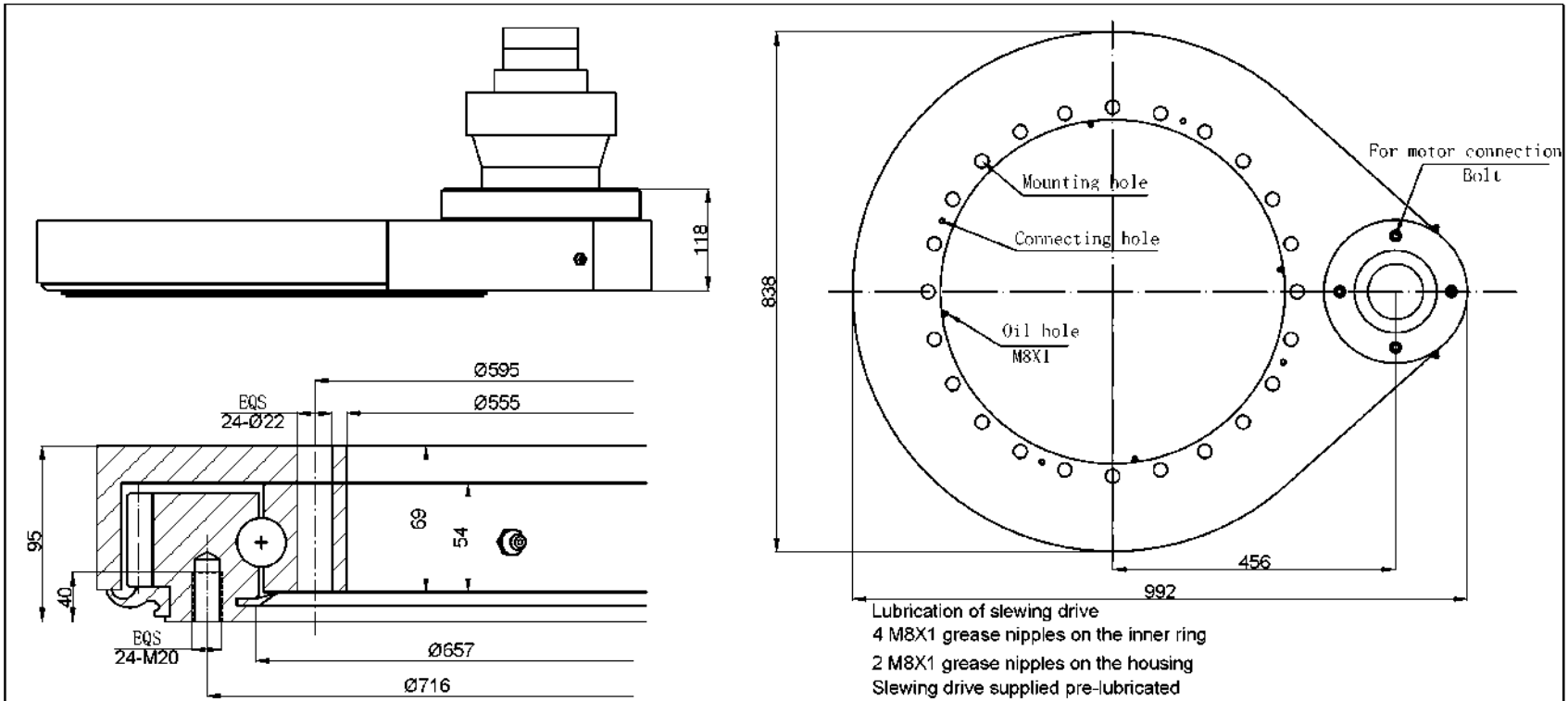
Module	m	[mm]	8
Teeth number of wheel	Z_2		87
Teeth number of pinion	Z_1		15
Overall gear ration	i		5.80
Max torque	M_{dmax}	[Nm]	31036
Nom torque	M_{dnom}	[Nm]	20510
	SF=1 at n=3rpm		
Max holding torque	M_h	[Nm]	31036
Radial static load	$C_{o rad}$	[kN]	619
Axial static load	$C_{o ax}$	[kN]	1658
Radial dynamic load	C_{rad}	[kN]	253
Axial dynamic load	C_{ax}	[kN]	296
(10KG including 2-132 hydraulic motor)/Weight		[kg]	215
Pressure differential	ΔP	[bar]	195
Oil flow	Q	[l/min]	45
Output speed	n	[min ⁻¹]	3
Max achievable torque	M_d	[Nm]	31036



— Raceway curve
- - - Bolt curve R p0.2
Bolt class 10.9

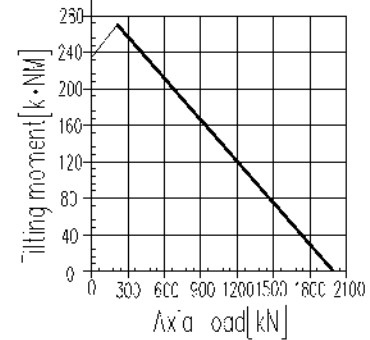
Please adhere strictly to the technical information section when using above graph.

SG-H-0555-32-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

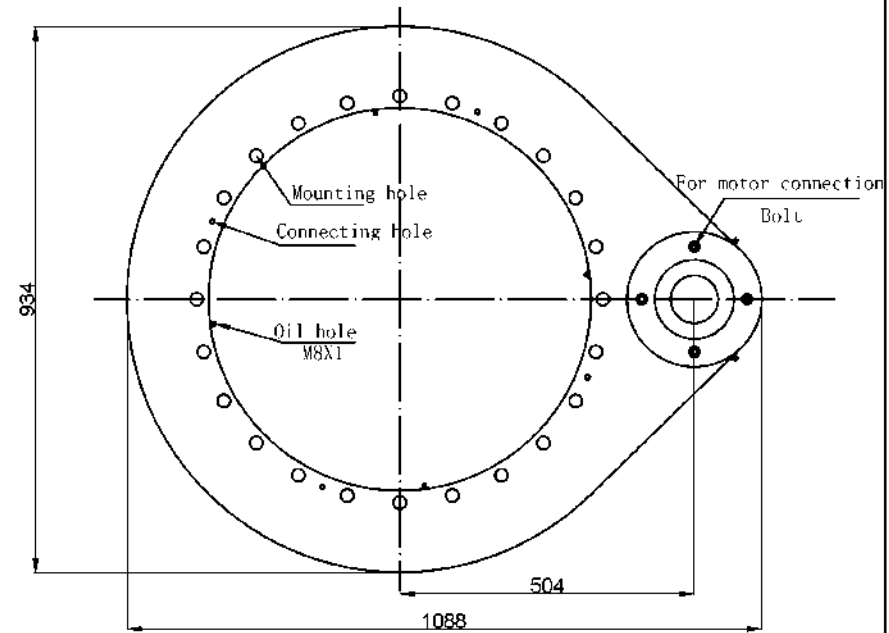
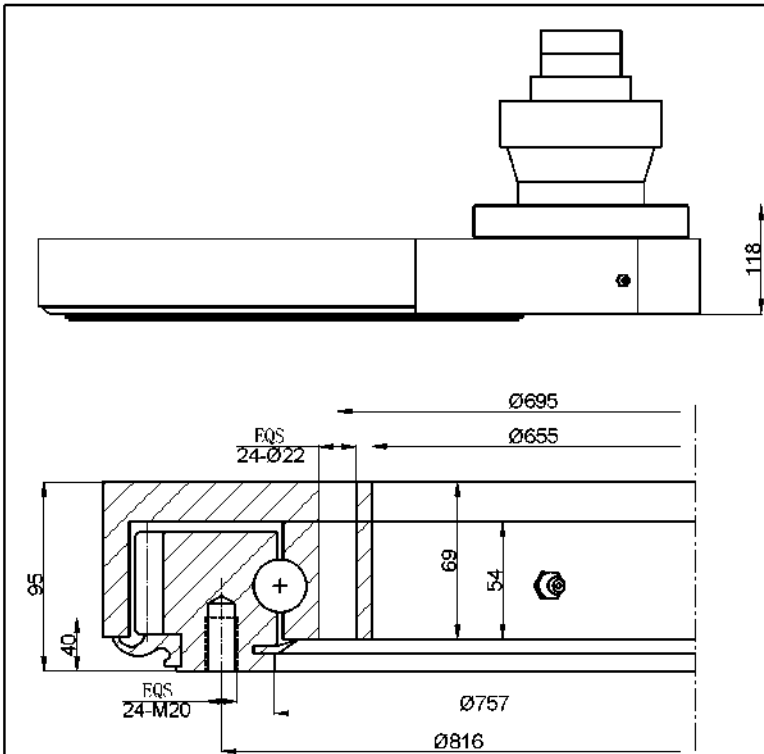
Module	m	mm	8
Teeth number of wheel	Z_2		99
Teeth number of pinion	Z_1		15
Overall gear ration	i		6.6
Max torque	M_{dmax}	Nm	35783
Nom torque	M_{dnom}	Nm	23795
Max holding torque	M_h	Nm	35783
Radial static load	$C_{o rad}$	kN	731
Axial static load	$C_{o ax}$	kN	1957
Radial dynamic load	C_{rad}	kN	269
Axial dynamic load	C_{ax}	kN	314
(10KG including 2-132 hydraulic motor)/Weight		kg	245
Pressure differential	ΔP	bar	195
Oil flow	Q	l/min	52
Output speed	n	min ⁻¹	3
Max achievable torque	M_d	Nm	35783



— Raceway curve
- - - Bolt curve $R \geq 0.2$
Bolt class 10.9

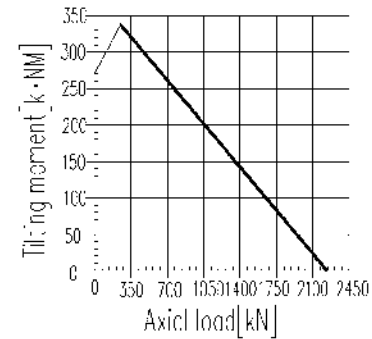
Please adhere strictly to the technical information section when using above graph.

SG-H-0655-32-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

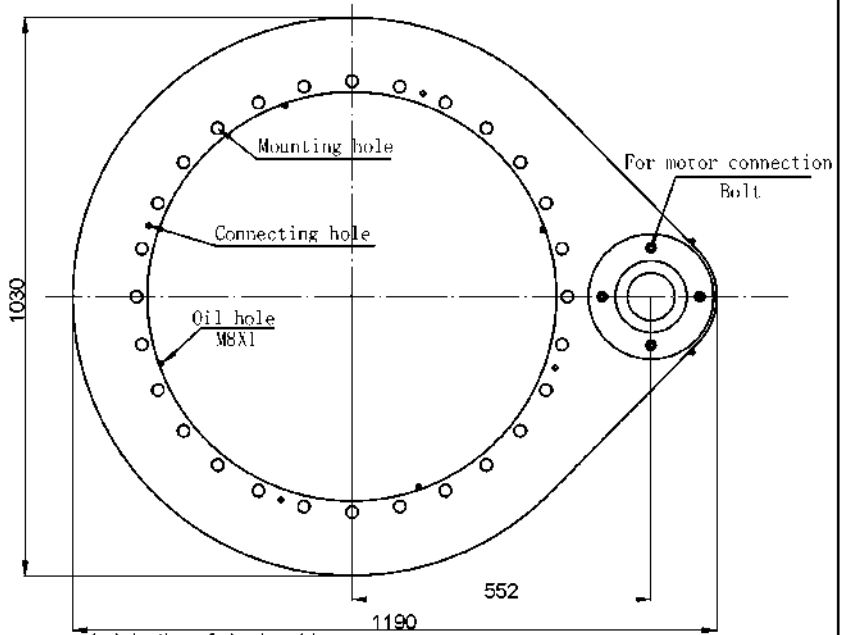
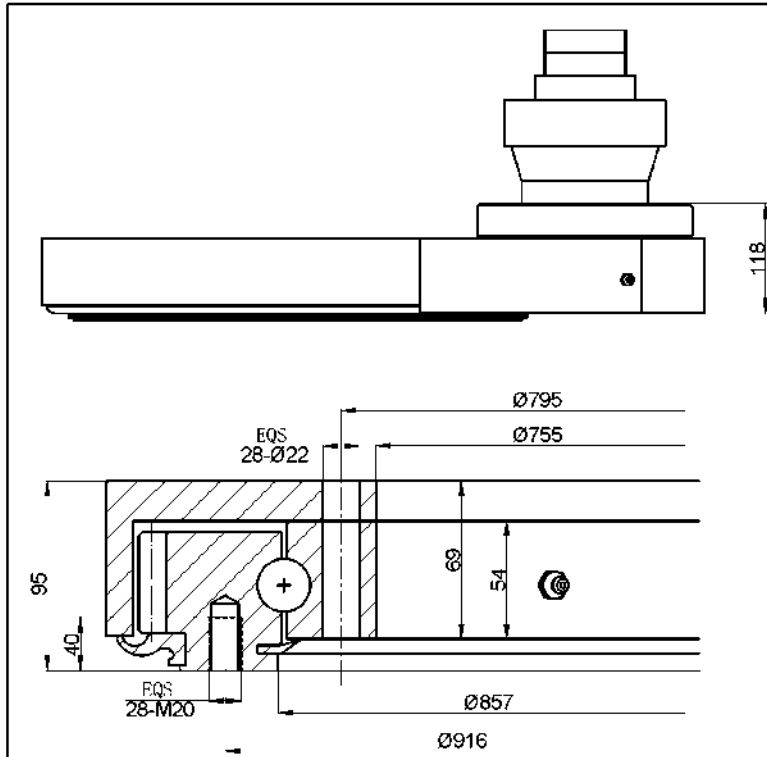
Module	m	[mm]	8
Teeth number of wheel	z_2		111
Teeth number of pinion	z_1		15
Overall gear ration	i		7.4
Max torque	$M_{d\ max}$	[Nm]	40165
Nom torque	$M_{d\ nom}$	[Nm]	26793
Max holding torque	M_h	[Nm]	40165
Radial static load	$C_{o\ rad}$	[kN]	843
Axial static load	$C_{o\ ax}$	[kN]	2257
Radial dynamic load	C_{rad}	[kN]	284
Axial dynamic load	C_{ax}	[kN]	331
(10KG including 2-132 hydraulic motor)/Weight		[kg]	265
Pressure differential	ΔP	[bar]	195
Oil flow	Q	[l/min]	57
Output speed	n	[min ⁻¹]	3
Max achievable torque	M_a	[Nm]	40165



— Raceway curve
— Bolt curve R p0.2
Bolt class 10.9

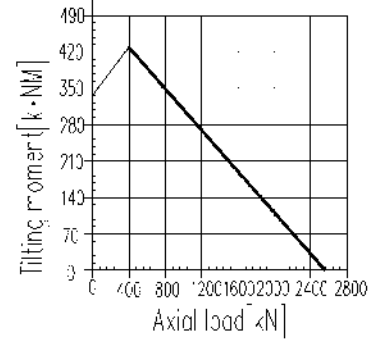
Please adhere strictly to the technical information section when using above graph.

SG-H-0755-32-S



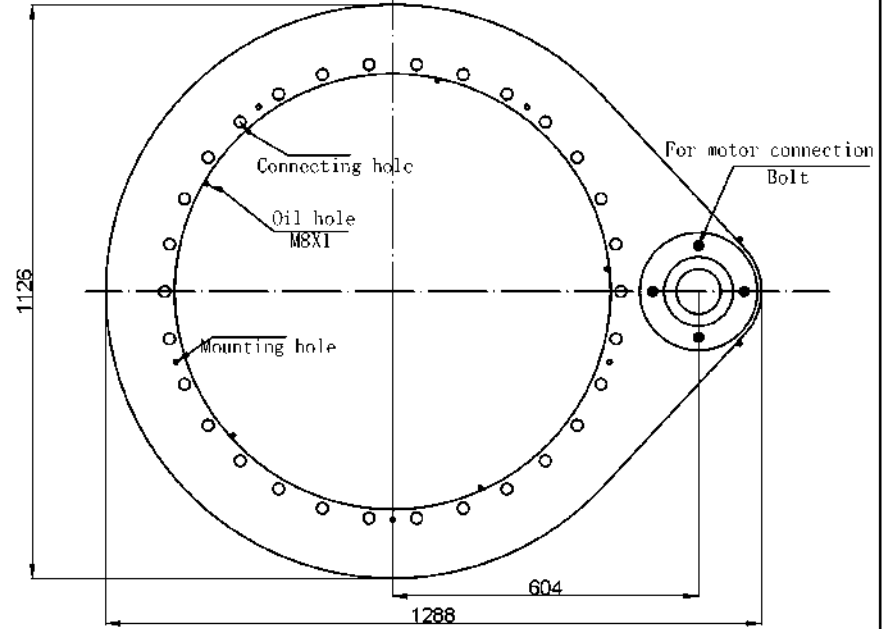
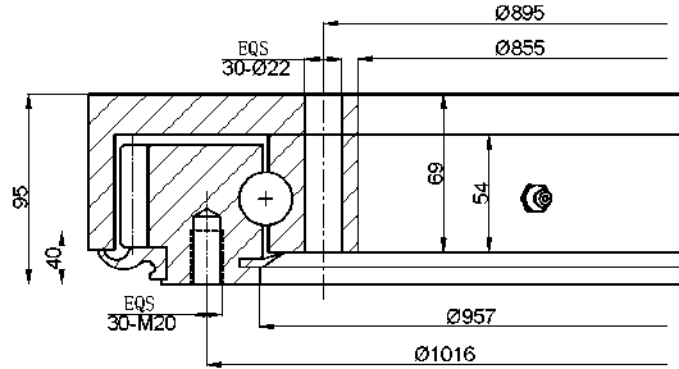
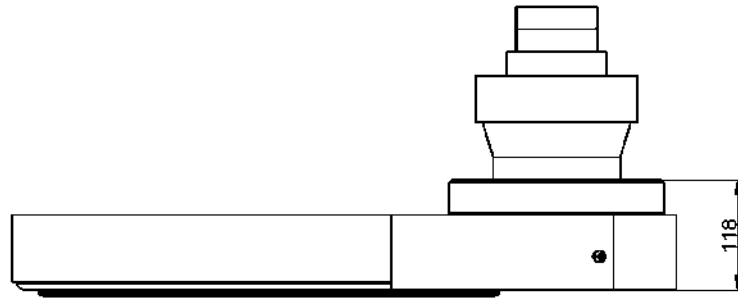
Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

Module	m	[mm]	8
Teeth number of wheel	z_2	-	123
Teeth number of pinion	z_1	-	15
Overall gear ration	i	-	8.2
Max torque	$M_{d max}$	[Nm]	44821
Nom torque <small>SF=1 at n=3rpm</small>	$M_{d nom}$	[Nm]	31111
Max holding torque	M_h	[Nm]	44821
Radial static load	$C_{o rad}$	[kN]	954
Axial static load	$C_{o ax}$	[kN]	2556
Radial dynamic load	C_{rad}	[kN]	299
Axial dynamic load	C_{ax}	[kN]	349
(10KG including 2-132 hydraulic motor)/Weight	w	[kg]	295
Pressure differential	ΔP	[bar]	195
Oil flow	Q	[l/min]	64
Output speed	n	[min ⁻¹]	3
Max achievable torque	M_d	[Nm]	44821



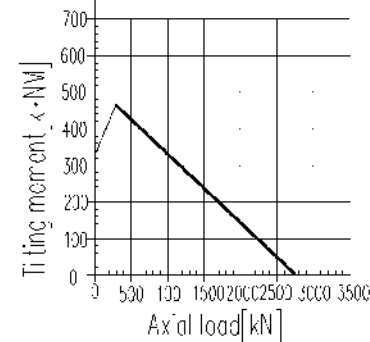
— Raceway curve
- - - Bolt curve R $\phi 0.2$
Bolt class 12.9
Please adhere strictly to the technical information section when using above graph.

SG-H-0855-32-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

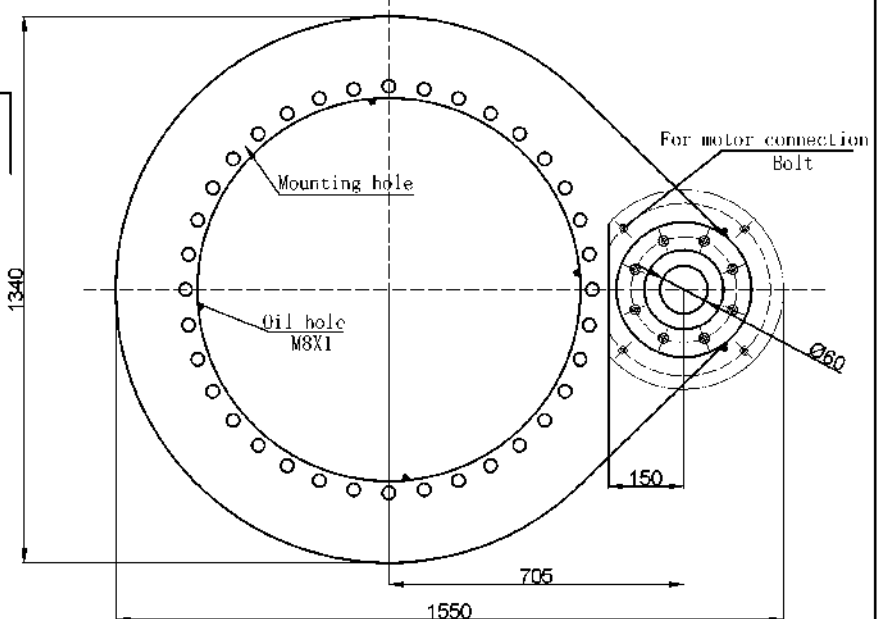
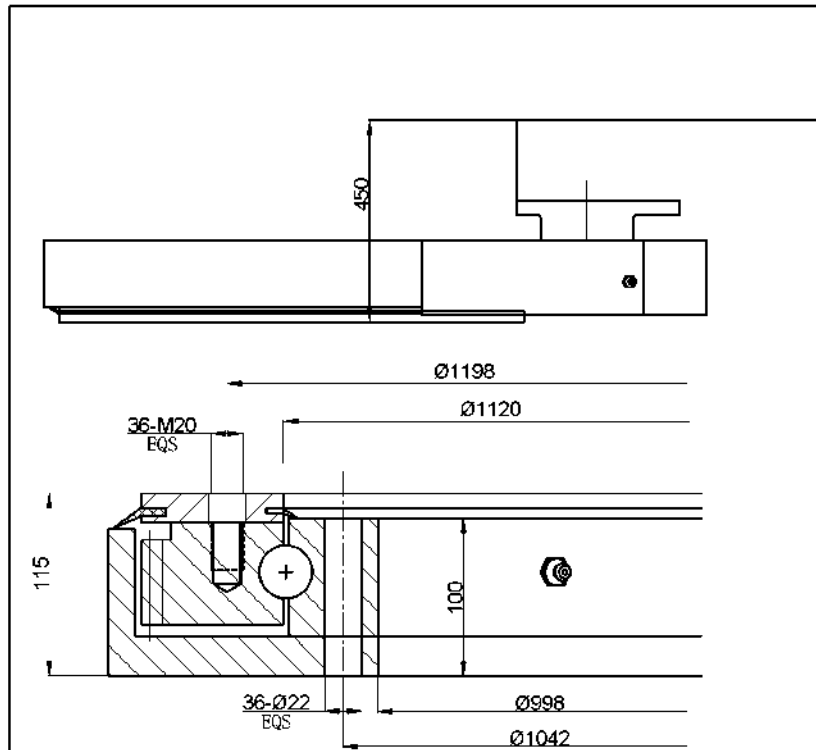
Module	m	mm	8
Teeth number of wheel	Z_2	-	135
Teeth number of pinion	Z_1	-	15
Overall gear ration	i	-	9
Max torque	$M_{d \max}$	Nm	49293
Nom torque <small>SF=1 at n=3rpm</small>	$M_{d \text{ nom}}$	Nm	34524
Max holding torque	M_h	Nm	49293
Radial static load	$C_{o \text{ rad}}$	kN	1066
Axial static load	$C_{o \text{ ax}}$	kN	2855
Radial dynamic load	C_{rad}	kN	311
Axial dynamic load	C_{ax}	kN	363
(10KG including 2-132 hydraulic motor)/Weight		kg	320
Pressure differential	ΔP	bar	195
Oil flow	Q	l/min	70
Output speed	n	min ⁻¹	3
Max achievable torque	M_d	Nm	49293



— Raceway curve
— Bolt curve R p0.2
Bolt class 10.9

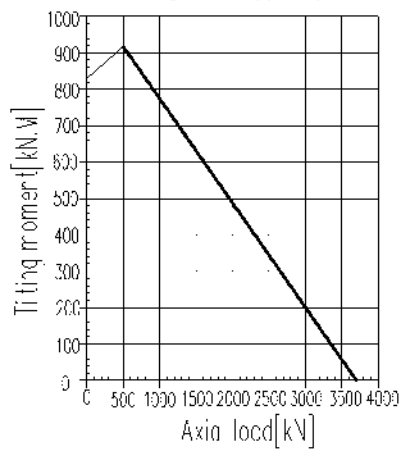
Please adhere strictly to the technical information section when using above graph.

SG-H-0955-32-S



Lubrication of slewing drive
4 M8X1 grease nipples on the inner ring
2 M8X1 grease nipples on the housing
Slewing drive supplied pre-lubricated

Module	m	[mm]	6
Teeth number of wheel	Z_2	-	215
Teeth number of pinion	Z_1	-	20
Overall gear ration	i	-	10.75
Max torque	$M_{d max}$	[Nm]	59000
Nom torque	$M_{d nom}$	[Nm]	39000
Max holding torque	M_h	[Nm]	59000
Radial static load	$C_{o rad}$	[kN]	1053
Axial static load	$C_{o ax}$	[kN]	3700
Radial dynamic load	C_{rad}	[kN]	355
Axial dynamic load	C_{ax}	[kN]	413
Output speed	n	[min ⁻¹]	0.5~2
Max achievable torque	M_d	[Nm]	59000

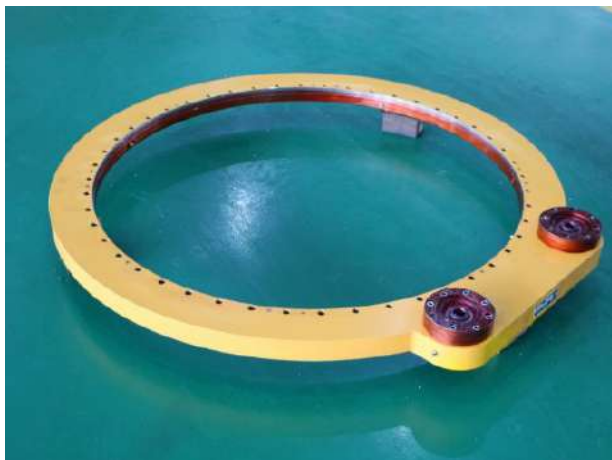


— Raceway curve
- - Bolt curve R p0.2
 E_o : class 10.9

Please adhere strictly to the technical information section when using above graph.

SG-H-1120-60

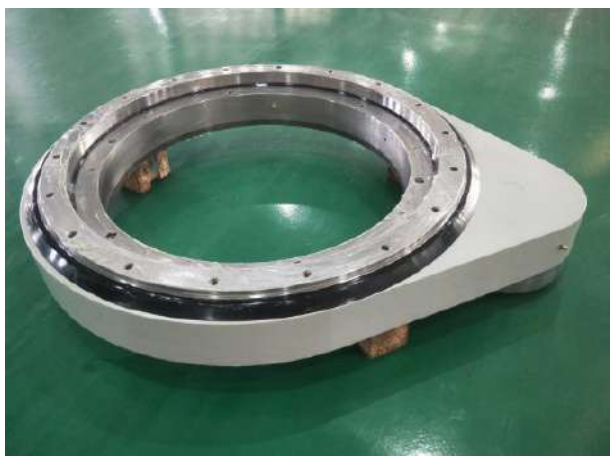
Costruzioni speciali



Doppio ingranaggio ad alta precisione



Con riduttore planetario e motore abbinati

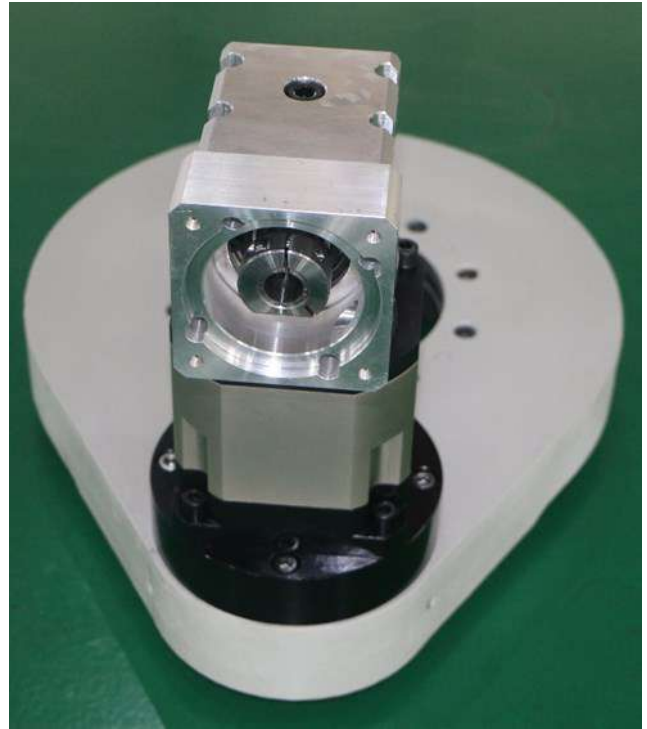
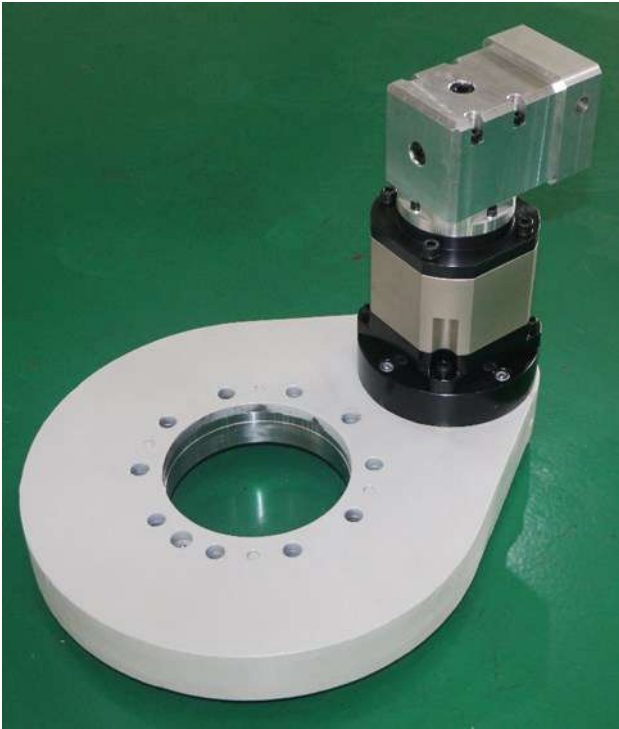


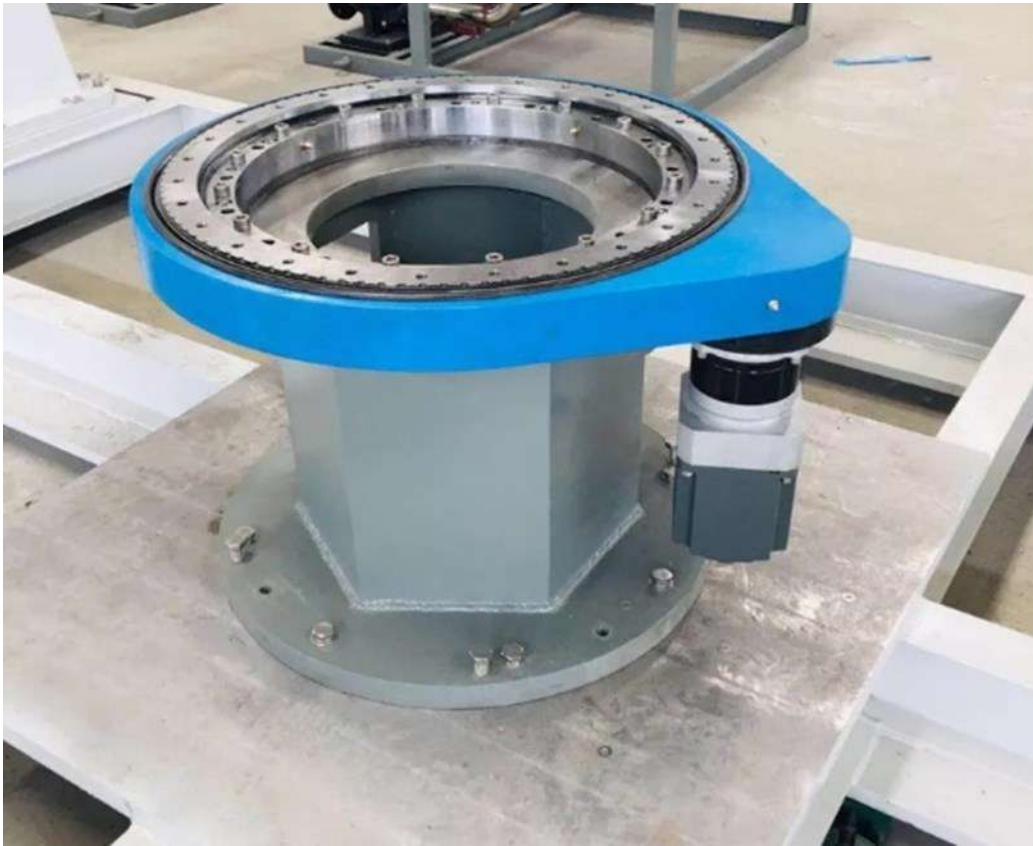
Per grandi carichi e grande coppia in uscita

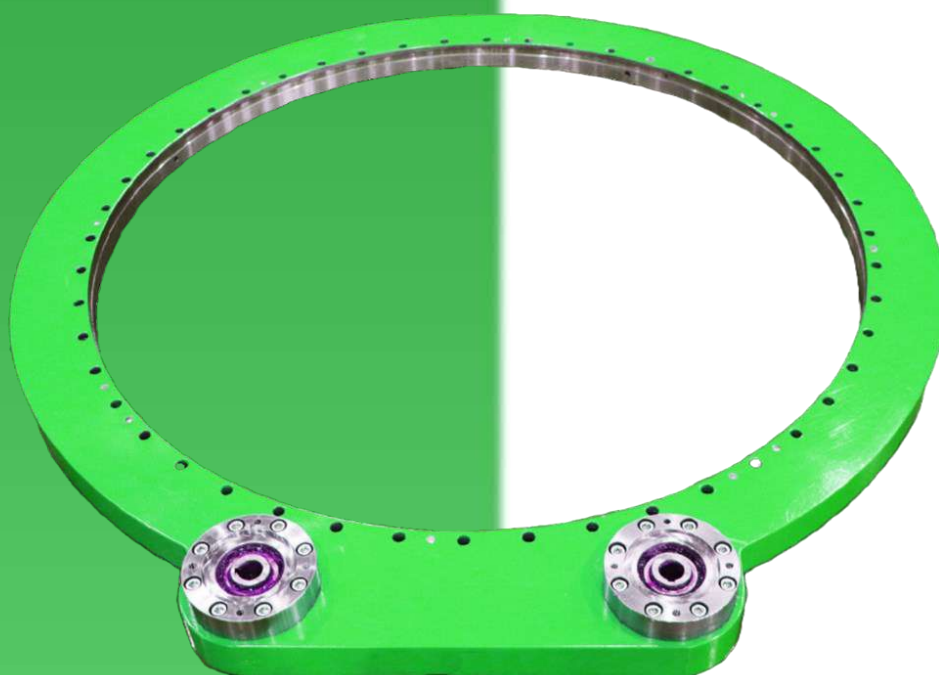


Ingranaggio interno, protezione completa

- Tavola a alta precisione personalizzata a doppio ingranaggio rettificato, precisione di rotazione pari allo zero.
- Tavola con riduttore di rotazione a ingranaggi cilindrici ad alta precisione con rettifica di ingranaggi, forniamo l'abbinamento riduttore planetario e motore.
- Tavola per carico di grandi dimensioni personalizzato, coppia di uscita elevata, trasmissione di rotazione ad ingranaggi elicoidali di precisione
- Tavola con ingranaggio interno personalizzato, protezione completa, riduzione delle dimensioni di ingombro.







FA.RE.MEC. srl

Sede legale Via Modena 11, 20025
LEGNANO (MI)

Sede produttiva Via Cavaglio n° 4
FONTANETO D'AGOGNA 28010

Tel. +39-0322 890800

E.mail info@faremec.com

www.faremec.com

