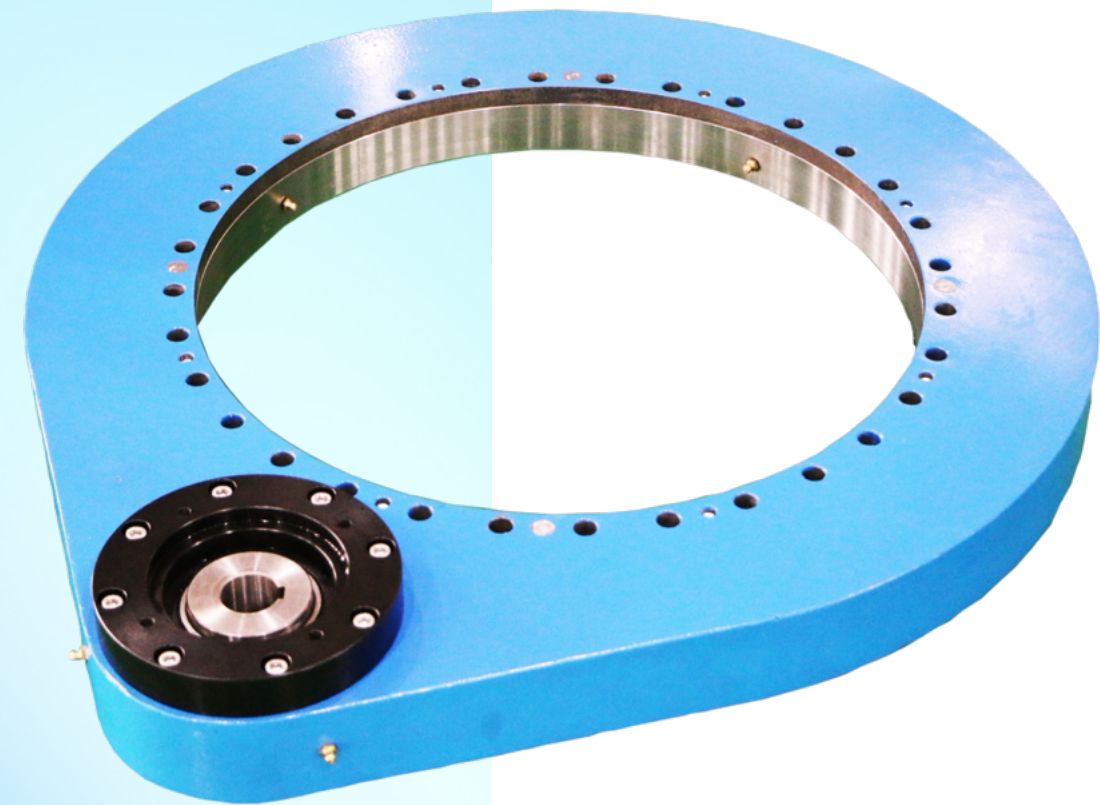
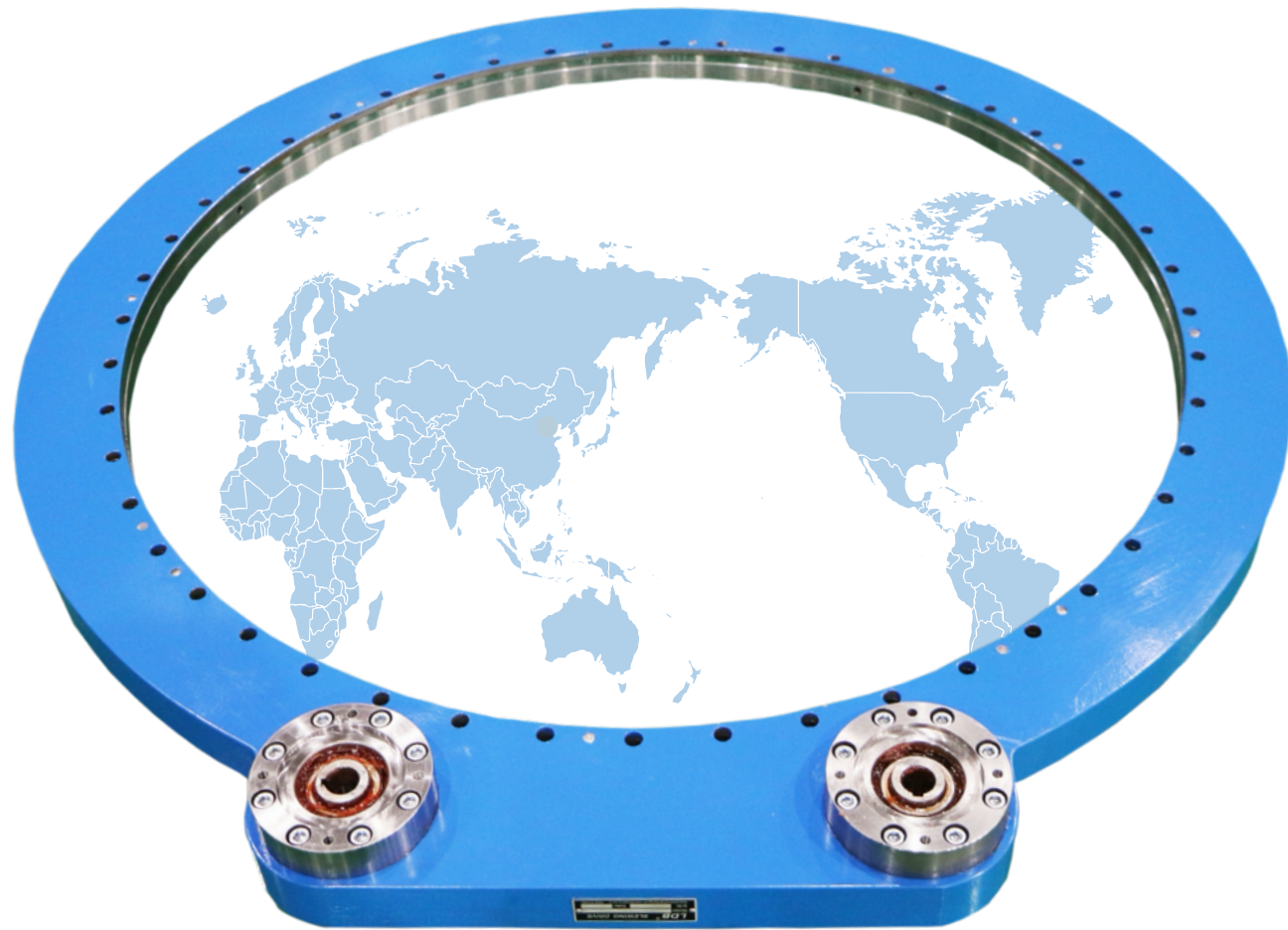




Precision Spur Gear Slew Drive

洛阳隆达轴承有限公司

LUOYANG LONGDA BEARING CO.,LTD

Add: No. 5 Chaoyang Road, Yiyang Bearing Industry Zone, Luoyang City, Henan Province, China P.R.C.

5

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WhatsApp: +86 139 3882 1203



WeChat



WhatsApp

洛阳隆达轴承有限公司

LUOYANG LONGDA BEARING CO.,LTD



CATALOGUE

Com pany Pro file P01

Qual ifica tion Cer tifi ca te P02

Pro duc tion And Pro cess ing P03

Pro duct In tro duc tion P04

Check out Equ ipm ent P05

Pro duct App li ca tion P06

Spur Gear Slew Drive In stal la tion And Us age In struc tions P09

SG -I SG -I Series P17

SG -M SG -M Series P26

SG -H SG -H Series P34

Spe cial Custom iza tion P43

Company profile

“ 1999 23 ”
20 ()
71
TUV SUD ISO9001 2015
“ ”

Luoyang Longda Bearing Co., Ltd. was founded in 1999, is located in Yiyang bearing industry zone, Luoyang city covers an area of 23 mu. company adhering to the "Manufacture Elaborately serve the world" corporate vision, after 20 years of development, the company has become a professional research, development and production of slewing bearing (slewing ring) and slewing drive enterprise.

The products widely used in fields such as automation control, intelligent robots, special vehicles, machine tool rotary tables, forestry machinery, lifting machinery, ship machinery, power generation, lifting mechanism, etc. Our products have been exporting to 71 countries and regions we have established long-term trade cooperative relations with many customers in Germany, Italy, America, etc.

The company has successively won the honorary titles of high-tech enterprise, city-level enterprise R & D center, Henan science and technology small and medium-sized enterprise, Henan e-commerce enterprise, Zhongyuan equity trading center display enterprise, etc. We also passed TUV SUD ISO9001: 2015 quality management system certification.

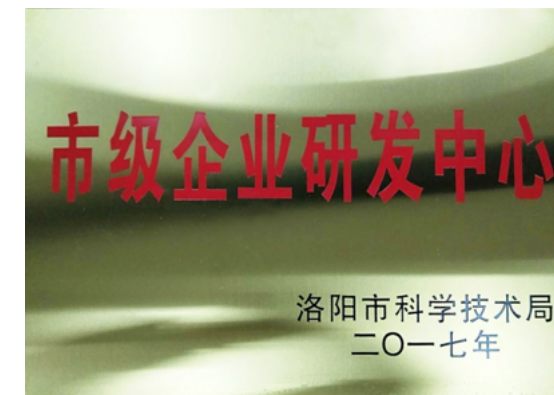
LDB closely focuses on the overall development idea of "To be the world famous slewing bearing manufacturer", speed up the transformation and upgrading of enterprise and leapfrog development, fully promotes the development of enterprise towards innovation-driven, green and low-carbon and intelligent manufacturing.



Qualification certificate



NEW HIGH-TECH ENTERPRISE HENAN SMALL AND MEDIUM-SIZED SCI-TECH ENTERPRISE



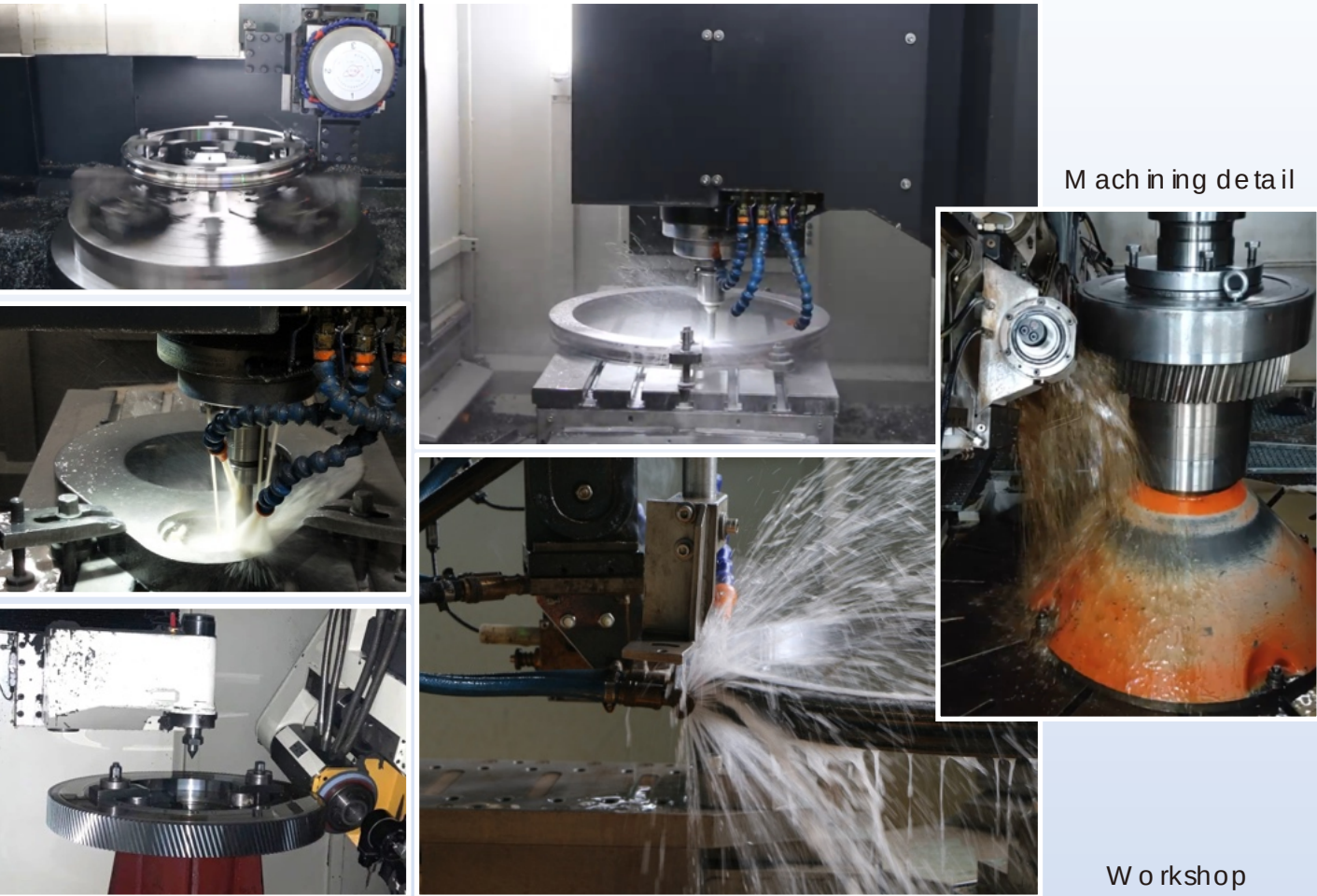
MUNICIPAL ENTERPRISE R&D CENTER LETTER CERTIFICATE



ISO CERTIFICATE

LDB TRADEMARK INVENTION PATENT

Production And Processing



Product Introduction

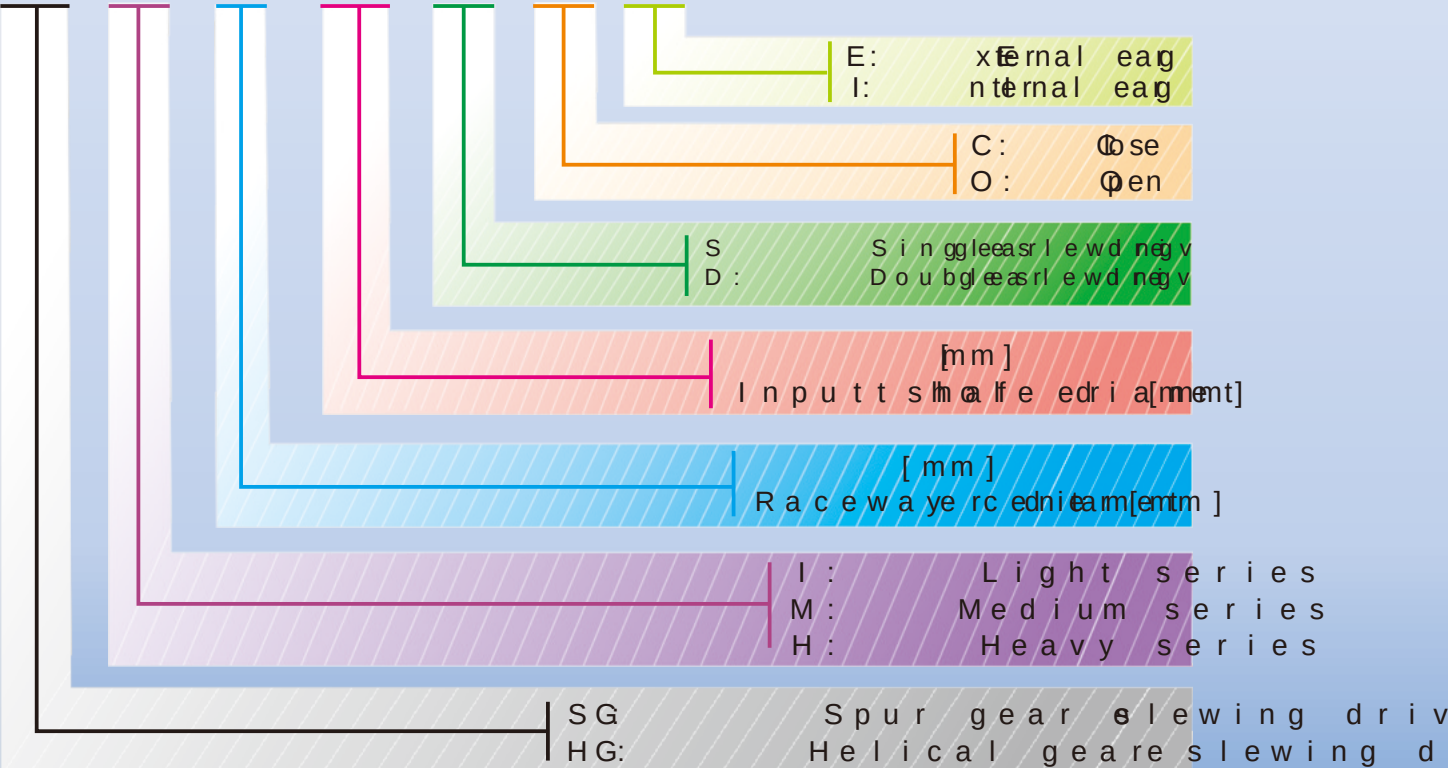
- 1
- 2
- 3
- 4
- 5
- 6

IP65

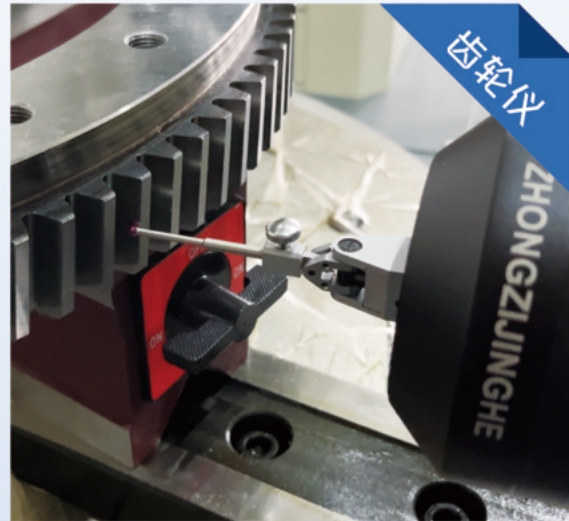
- [1] Replace the structure of slewing bearing with internal gear I external gear with pinion, the compact design can effectively save installation space and be easily integrated into existing application units.
- [2] High transmission efficiency and high rotation speed.
- [3] Can withstand axial load, radial load and tilting moment.
- [4] The full protection design can effectively extend the service life, reduce the maintenance cost, improve the safety of operators and the protection grade can reach IP65.
- [5] Appearance clean and tidy.
- [6] According to different working conditions, there are three series models to choose and can quickly make customized design.

Code Description

SG- I- 0229- 25- S- C- E



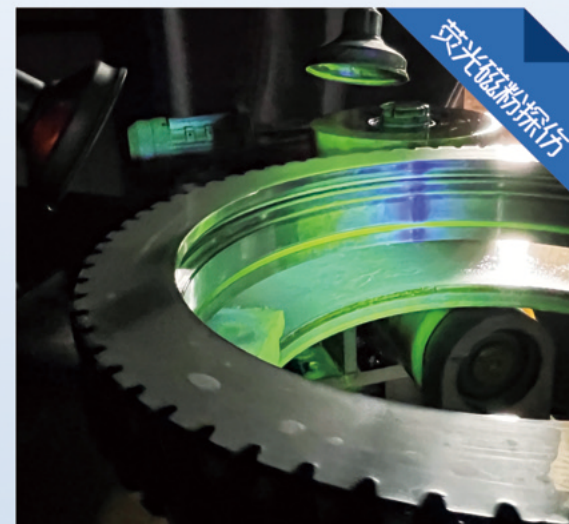
Checkout Equipment



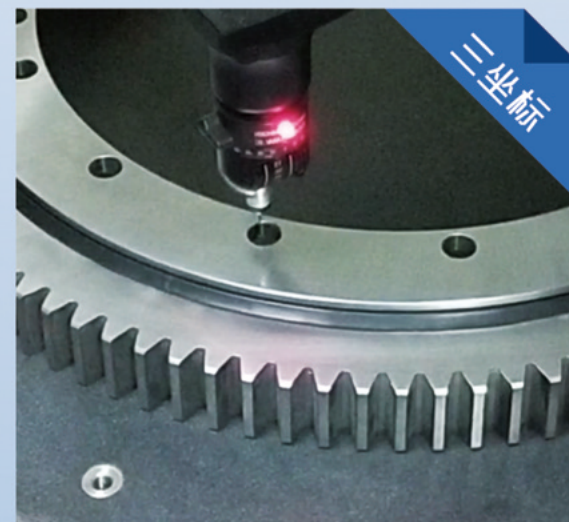
GEAR TESTER DETECTION



ENGAGEMENT DETECTION

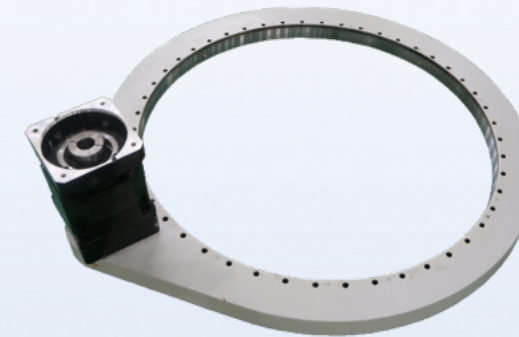


FLUORESCENT MAGNETIC PARTICLE INSPECTION

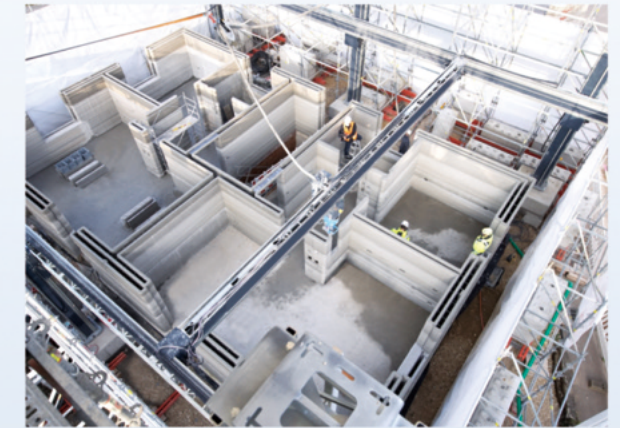


THREE COORDINATE DETECTOR

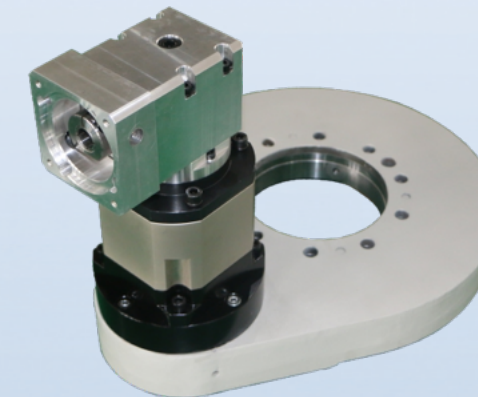
Product Application



SG - M - 1091



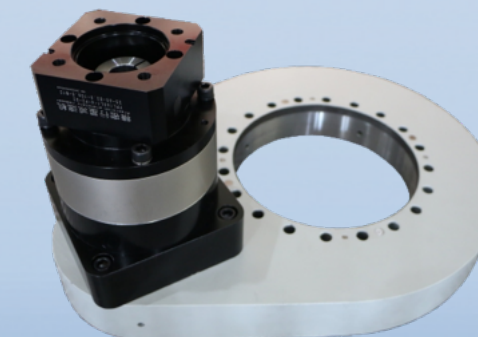
◆ 建筑3D打印 Architectural 3D printing



SG - I - 0229



◆ 焊接机器人 Welding robot

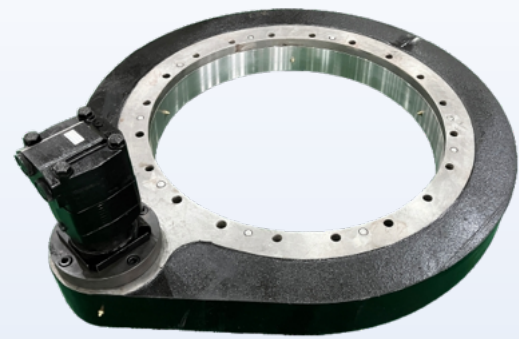


SG - M - 0311



◆ 码垛机器人 Palletizing robot

Product Application

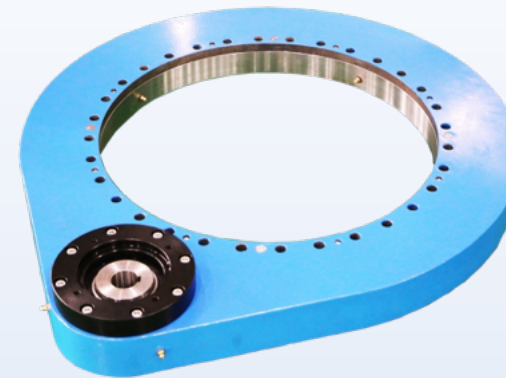


SG - H - 0900



Attachment

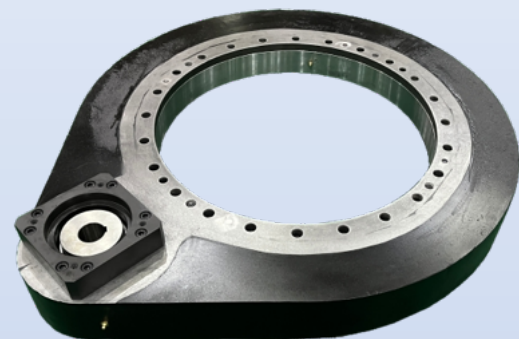
Product Application



SGM - 0541



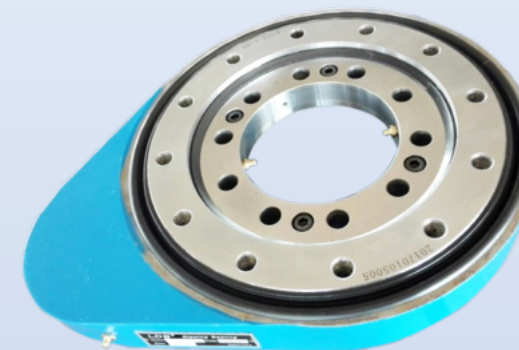
Machine tool rotary table



SG - H - 0655



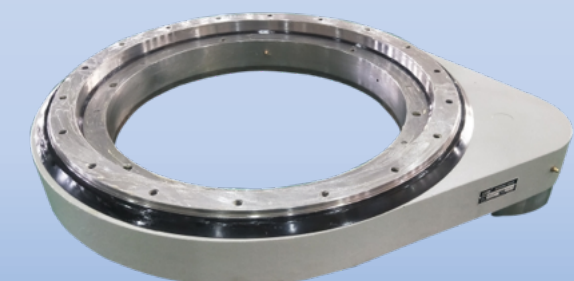
Automation equipment



SGI - 0229



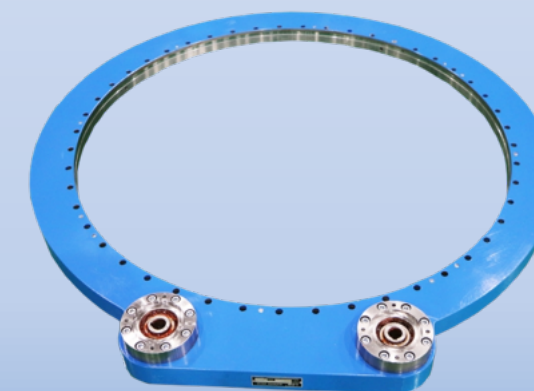
Grass grabbing machine



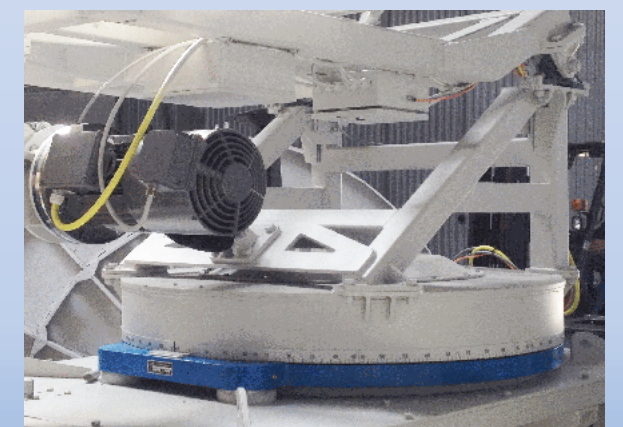
SGM - 0641



Truck crane

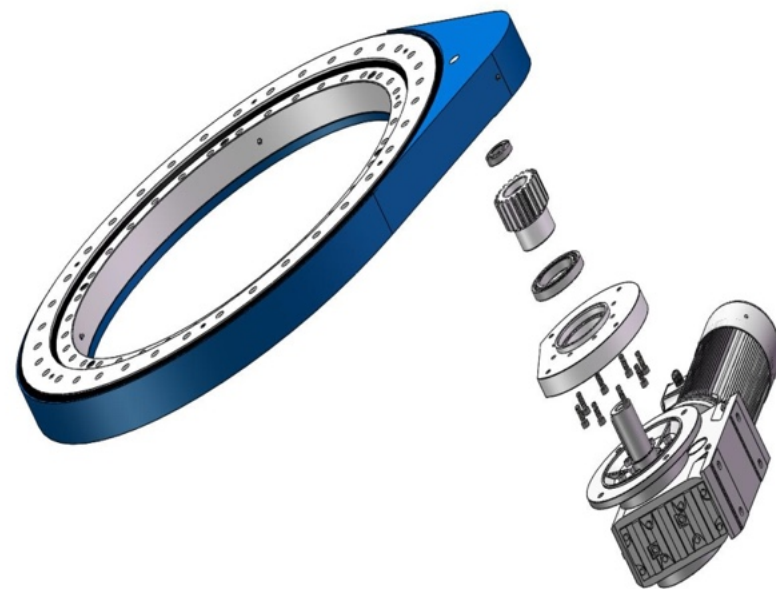


SGI - 1091



Radar vehicle

Spur Gear Slew Drive Installation And Usage Instructions



Safety Attention :

This document is a technical manual for the LDB Slew Drive. It is intended for use by qualified personnel only. Please read this document carefully before installation and use. It contains important safety information and technical specifications. Failure to follow these instructions may result in injury or damage to the equipment.

1 .

2 .

4 - 6

Installation and Usage

1. During transportation, the LDB Slew Drive should be stored in its original packaging box in a dry and clean environment. It should be protected from moisture and dust. Before installation, the LDB Slew Drive should be checked for any damage or defects. If any damage is found, it should be reported to the supplier immediately.

2. When the LDB Slew Drive is installed, it should be checked for proper alignment and lubrication. The LDB Slew Drive should be operated at a constant speed and should not be subjected to any shock or vibration. The LDB Slew Drive should be maintained regularly and any wear or damage should be replaced immediately.

From the following table, you can find the correct LDB Slew Drive for your application. The table lists the LDB Slew Drive models and their corresponding dimensions and weights. You can use this information to select the right LDB Slew Drive for your application.

rust prevention treatment has a life expectancy of about 10 years.

- 1. ...
- 2. ...

...
1. ...
...
2. ...
When ...
...
...
...
...

...
The ...

following table

Bolt specification	N . m Tightening moment			specification	N . m Tightening moment		
	8 . 8	10 . 9	12 . 9		8 . 8	10 . 9	12 . 9
	grad	grad	grad		grad	grad	grad
M 4	2 . 2	53 . 3	13 . 8	M 16	168	246	288
M 5	4 . 1	66 . 7	77 . 9	M 18	229	336	394
M 6	7 . 8	11 . 5	13 . 4	M 20	327	481	562
M 8	19 . 1	28 . 8	32 . 8	M 22	450	661	773
M 10	38	55 . 8	65 . 3	M 24	565	830	972
M 12	66 . 5	97 . 7	114	M 27	837	1230	1439
M 14	107	156	183	M 30	113	166	1944

- 1 .
- 2 . 8 . 8
- 3 . 2
- 4 .
- 5 .

Note :

- 1 . Set the drive to specific mode as per the manual .
- 2 . The load should not be more than 8 .
- 3 . The gear should be in the correct position .
- 4 . Do not use the drive for more than 100% of the rated torque .
- 5 . If the motor is not running, check the power supply .

1 .

2 .

30%

50%

100%

3 .

4 .

5 .

Installation and operation manual :

Please follow the instructions in the manual and install the drive correctly .

1 . Add the oil to the correct level .

2 . The gear should be in the correct position . The load should not be more than 8 . The gear should be in the correct position . The load should not be more than 8 .

3 . The gear should be in the correct position . The load should not be more than 8 . The gear should be in the correct position . The load should not be more than 8 .

4 . The gear should be in the correct position . The load should not be more than 8 . The gear should be in the correct position . The load should not be more than 8 .

5 . The gear should be in the correct position . The load should not be more than 8 . The gear should be in the correct position . The load should not be more than 8 .

EP 2

1 .

2 .

3 .

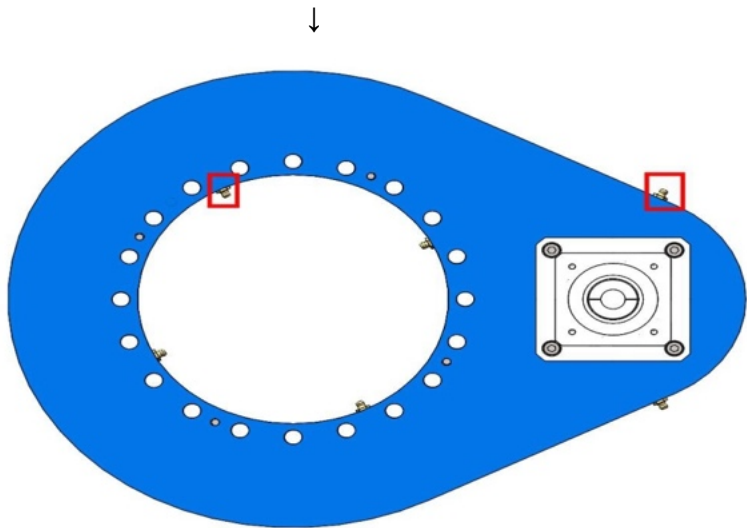
4 . Lubrication points are as follows :

Important : The gear should be in the correct position . The load should not be more than 8 . The gear should be in the correct position . The load should not be more than 8 .

1 Slew bearing is always in the correct position .

2 The gear should be in the correct position . The load should not be more than 8 . The gear should be in the correct position . The load should not be more than 8 .

fi lwi ethe a shee feodre le iy.v
3 Bear f osgu p ptoing e a and l a n g e a s e e feodre le iy.v

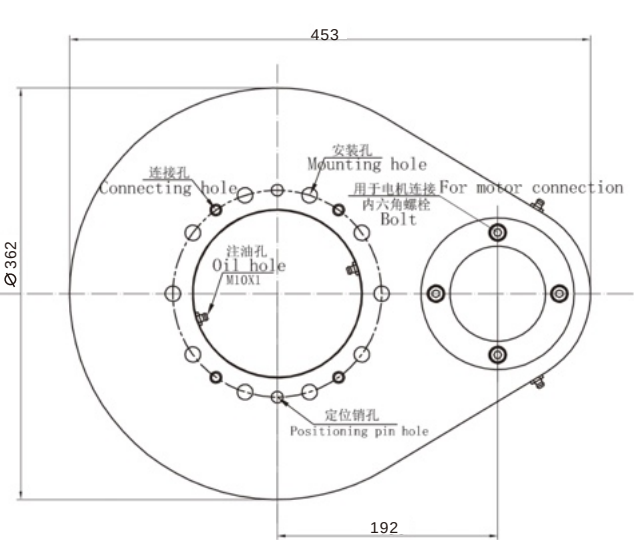


- 1 .
- 2 - 6
- 2 .
- 2
- 3 .

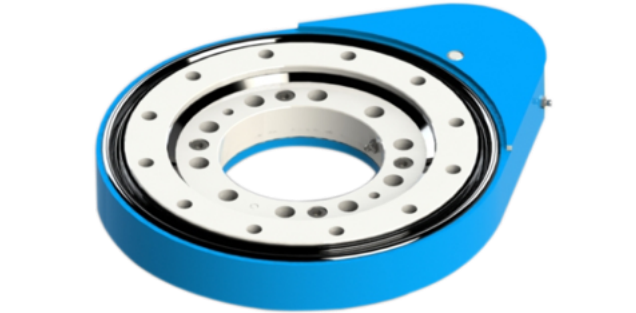
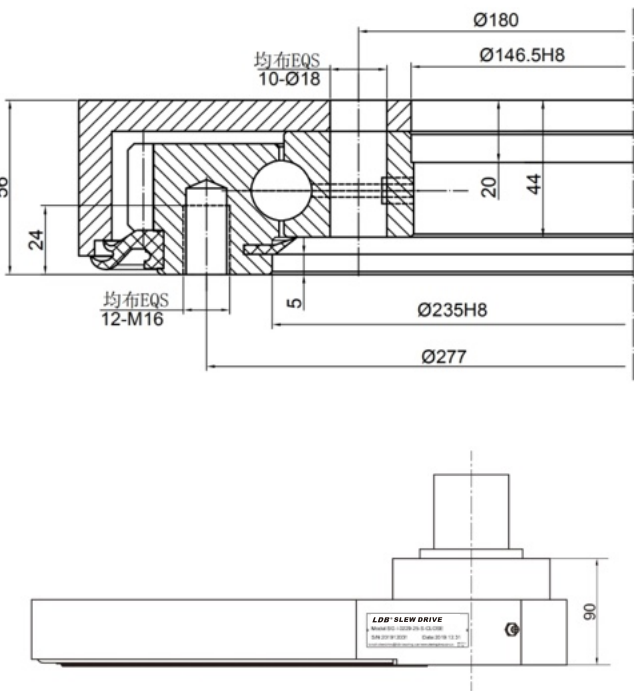
Vi . S g e adri e g e a sfei l p o t r l g o c a t a i n o d n
re c o m m e n d e d l i n t r a l V i m a r e k d i n t h e d B x .
1 . T g e a sfei l p o t r l g t h s l e w b e a r i s g t h e n n e i r a m e r t
o f t h e n n e i r D e p e n d o i n t g h s i z e t h s p e c i f i t h a t u m b e r
o f f i l p o t r l g g e n e r 2 a - l 6 l y
2 . T g e a sfei l p o t r l g t h r e s o f t h p e i n i i o m b o t s h i d o e s n e

e n o f t h e o u s i a m g d , h e u m b e f r i l p o t r l g g e n e r 2 a . l l y
3 . T h e e - l u b r i c a t i o n i n d e p e n d s t h e u e n w o r k i n g
e n v o i n m e a t o n d i t i t h r e s e m e f r e f e r r e t h e o l l o w s i n g
p o v i d e f e e f e n c e

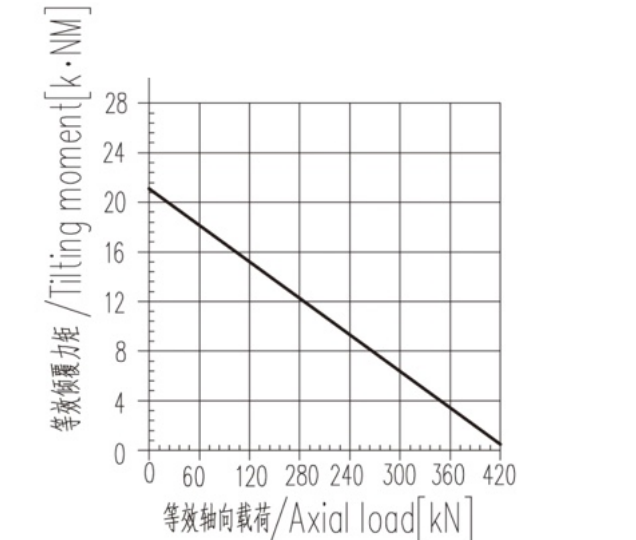
W o r k i n g n d i t i o n	R e f i t l i m e
W o r k s h o p , i n d u s t r i a l (d i n e n t r a b b o l e t , .)	O n c e y e a r
H a s h w o r k i n g n d i t i t h r e s w i l (d r a w e s p o w r i n s t a l s a t l a o n s O n c e y e a r i n s t a l a a d e o w a r k p l a t f o r m s ,	
7 0 H a s h w e a t h e r c o n d i t i o n s a s e a m e s t e s i , p o l a r c l i m a d i t r e n v o i n m e o t w h e w o r k i n g c o n t i n u o u s t h a 7 n o h o u s p e w e e k	6 O n c e e y 6 m o n t h s
E x t r e m e o n d i t i o n s (o r a d h e a s d s e t r e m i l d i s l i e l d s)	2 O n c e e y 2 m o n t h s



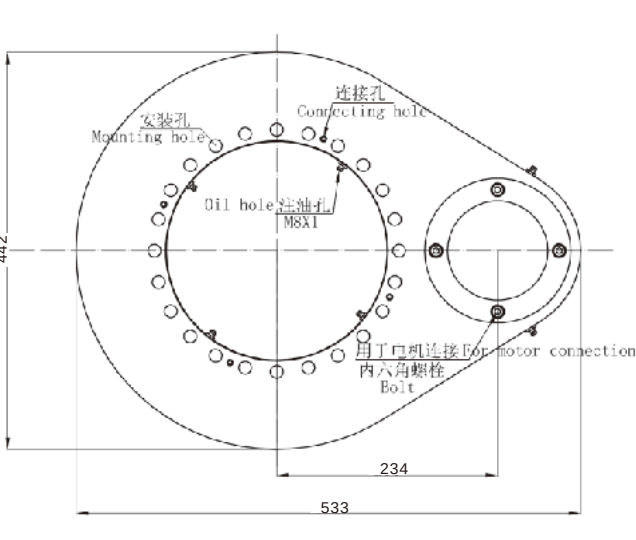
Lubrication for slewing drive
2 M 10X1
2 M 10X1 grease nipples for maintenance
2 M 8X1
2 M 8X1 grease nipples for oil filling
Slewing drive supplied pre-lubricated



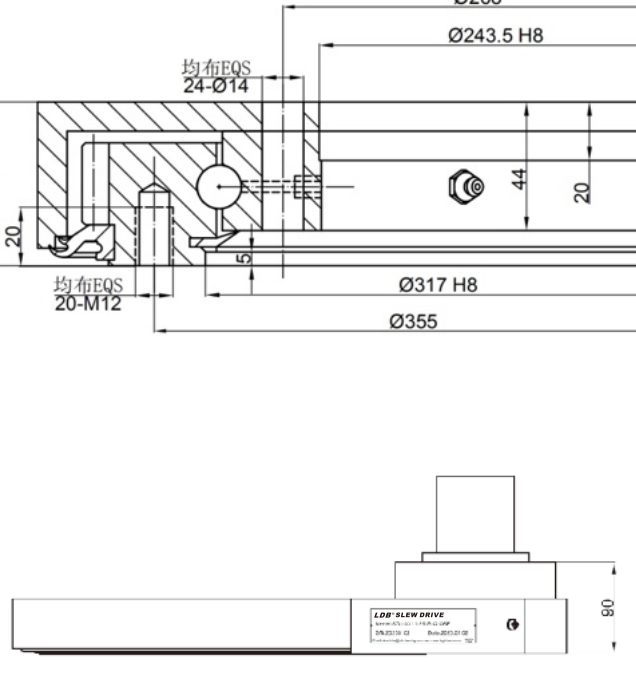
模数/Module	m	[mm]	4
齿圈齿数/Teeth number of wheel	z2	[-]	81
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	5.40
最大扭矩/Max torque SFS=1.75	M d max	[Nm]	2852
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	2476
最大保持扭矩/Max holding torque	M h	[Nm]	2852
径向额定静载荷/Radial static load	Co rad	[kN]	151
轴向额定静载荷/Axial static load	Co ax	[kN]	439
径向额定动载荷/Radial dynamic load	C rad	[kN]	143
轴向额定动载荷/Axial dynamic load	C ax	[kN]	168
重量 (包括RE-300液压马达的12KG)/Weight	P	[kg]	46
压力差/Pressure differential	Δ	[bar]	150
油流量/Oil flow	Q	[l/min]	13
输出转速/Output speed	n	[min-1]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	2852



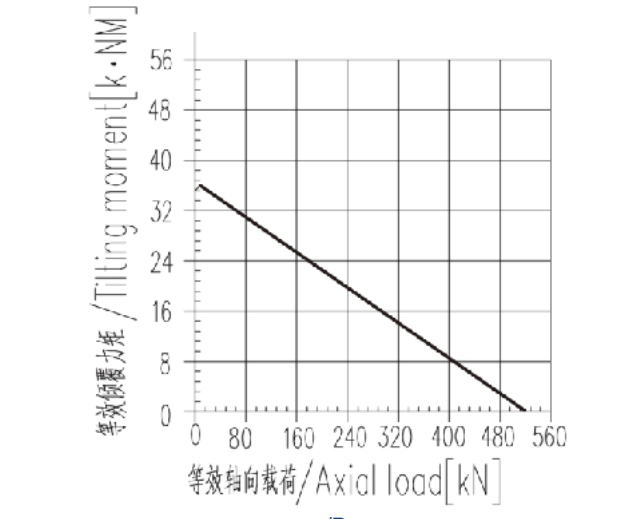
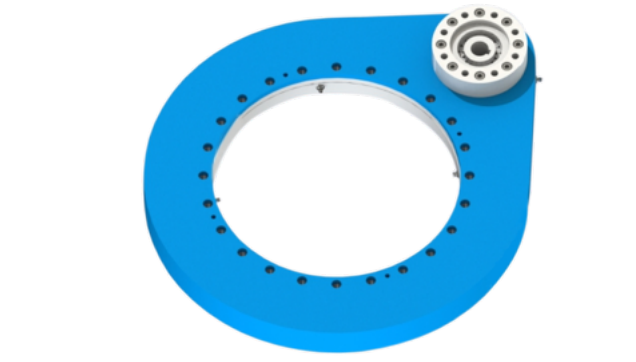
— /Raceway curve



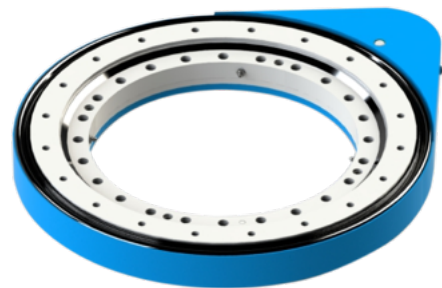
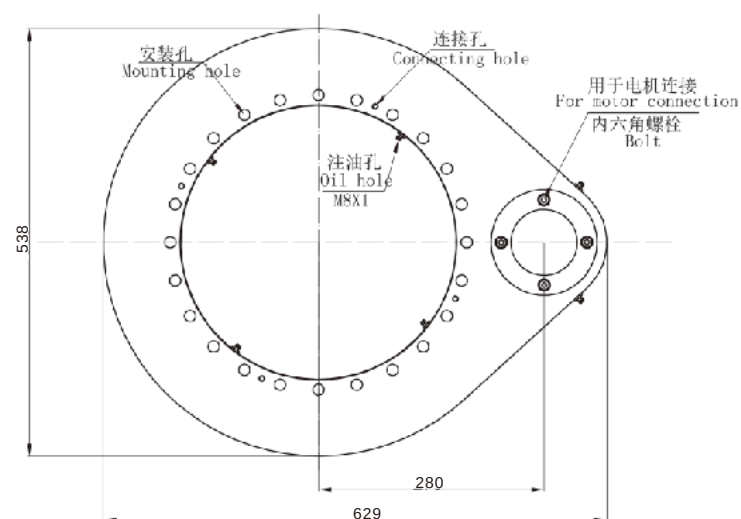
Lubrication for slewing drive
4 M 8X1
4 M 8X1 grease nipples for maintenance
2 M 8X1
2 M 8X1 grease nipples for oil filling
Slewing drive supplied pre-lubricated



模数/Module	m	[mm]	4
齿圈齿数/Teeth number of wheel	z2	[-]	102
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	6.80
最大扭矩/Max torque SFS=1.75	M d max	[Nm]	3574
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	2520
最大保持扭矩/Max holding torque	M h	[Nm]	3574
径向额定静载荷/Radial static load	Co rad	[kN]	198
轴向额定静载荷/Axial static load	Co ax	[kN]	529
径向额定动载荷/Radial dynamic load	C rad	[kN]	163
轴向额定动载荷/Axial dynamic load	C ax	[kN]	190
重量 (包括RE-300液压马达的12KG)/Weight	P	[kg]	52
压力差/Pressure differential	Δ	[bar]	150
油流量/Oil flow	Q	[l/min]	15
输出转速/Output speed	n	[min-1]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	3574



— /Raceway curve
— /Bolt curve R p 0.2
— /Bolt class 10.9



模数/Module	m	[mm]	4
齿圈齿数/Teeth number of wheel	z2	[-]	126
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	8.40
最大扭矩/Max torque SFS=1.75	M d max	[Nm]	4476
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	3181
最大保持扭矩/Max holding torque	M h	[Nm]	4476
径向额定静载荷/Radial static load	C o rad	[kN]	261
轴向额定静载荷/Axial static load	C o ax	[kN]	699
径向额定动载荷/Radial dynamic load	C rad	[kN]	180
轴向额定动载荷/Axial dynamic load	C ax	[kN]	211
重量 (包括RE-300液压马达的12KG)/Weight	P	[kg]	62
压力差/Pressure differential	Δ	[bar]	150
油流量/Oil flow	Q	[l/min]	17
输出转速/Output speed	n	[min ⁻¹]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	4476

Lubrication following drive

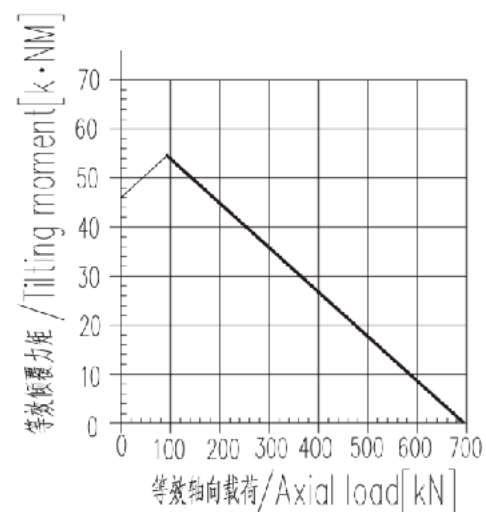
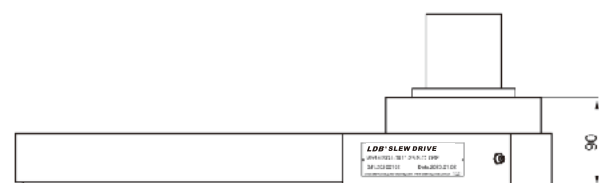
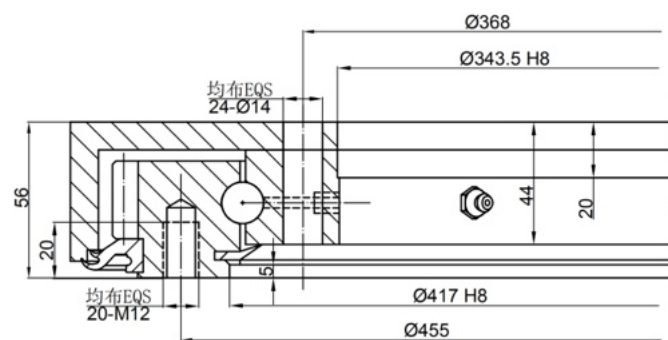
4 M 8X1

4 BX1 regase impl es no he nrier ing

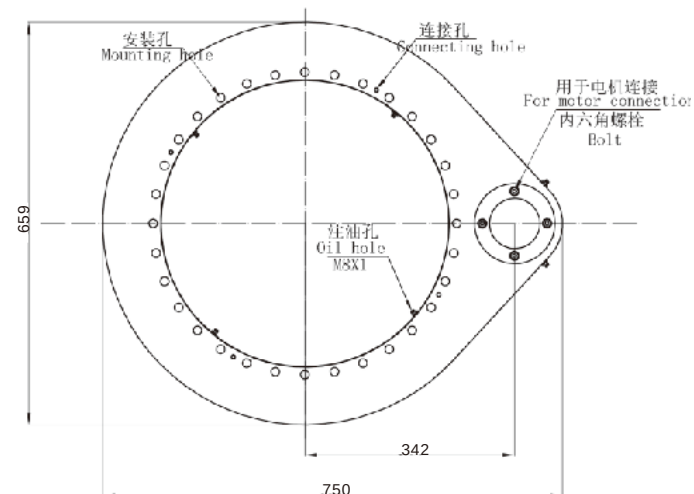
2 M 8X1

2 BX1 regase implies no he chusing

Slew ing rate applied re-lubricated



```
/Raceway curve
/Bo It curve R p0.2
/Bo It class 10.9
```



Lubrication following drive

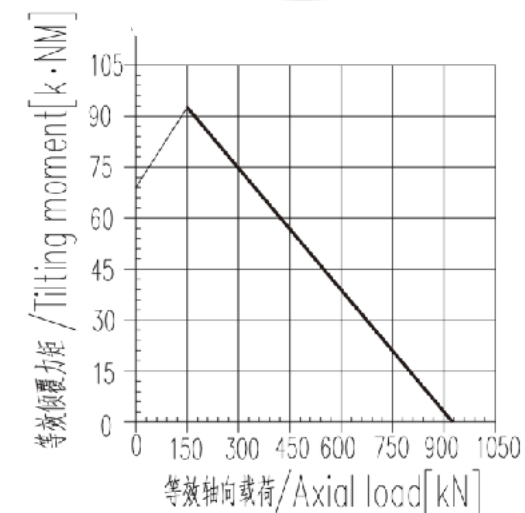
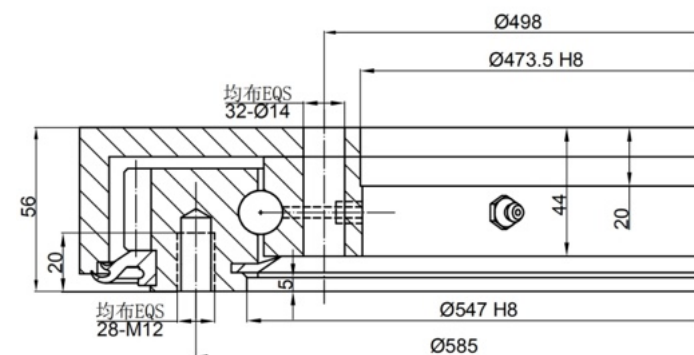
4 M 8X1

4 BX1 regase impl es no he nrier ing

2 M 8X1

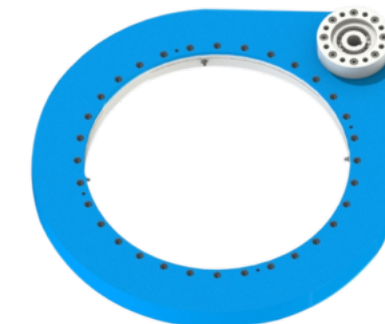
2 BX1 regase impl les no he chusing

Slew ing drive supplied re-lubricated

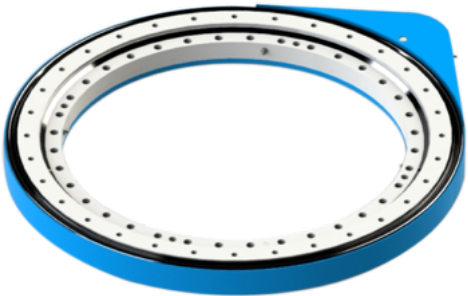
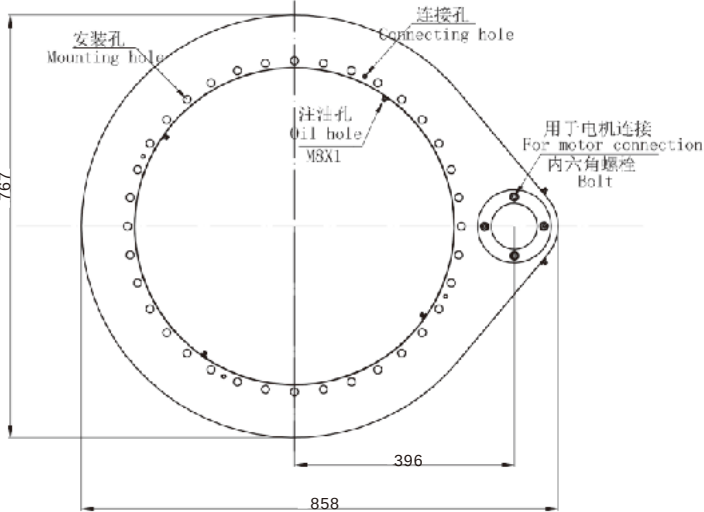


```
/Raceway curve
/Bo It curve R p0.2
/Bo It class 10.9
```

模数/Module	m	[mm]	4
齿圈齿数/Teeth number of wheel	z2	[-]	156
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	10.4
最大扭矩/Max torque SFS=1.75	M d max	[Nm]	5632
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	4031
最大保持扭矩/Max holding torque	M h	[Nm]	5632
径向额定静载荷/Radial static load	C o rad	[kN]	344
轴向额定静载荷/Axial static load	C o ax	[kN]	922
径向额定动载荷/Radial dynamic load	C rad	[kN]	201
轴向额定动载荷/Axial dynamic load	C ax	[kN]	236
重量 (包括RE-300液压马达的12KG)/Weight	P	[kg]	75
压力差/Pressure differential	Δ	[bar]	150
油留量/Oil flow	Q	[l/m in]	21
输出转速/Output speed	n	[n in-1]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	5632

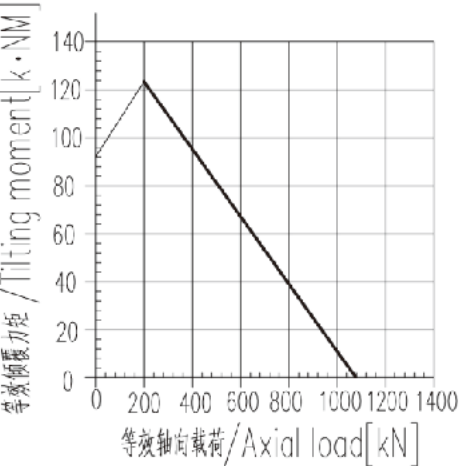
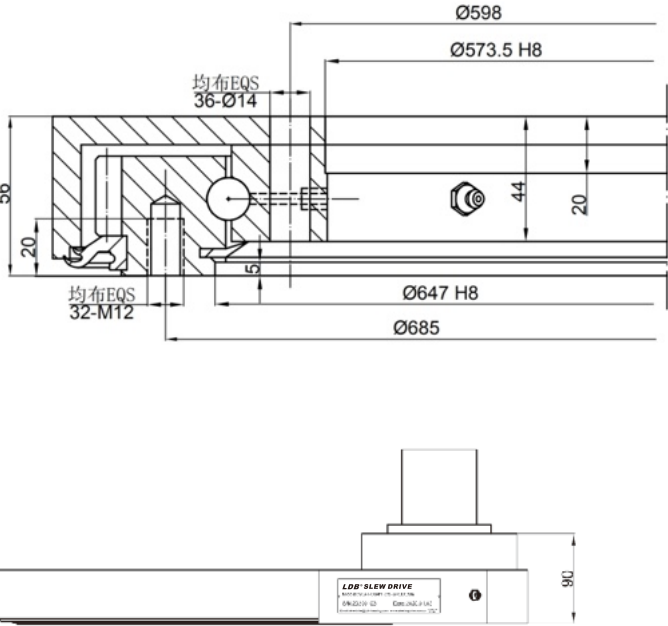


SGI - 0 6 4 1



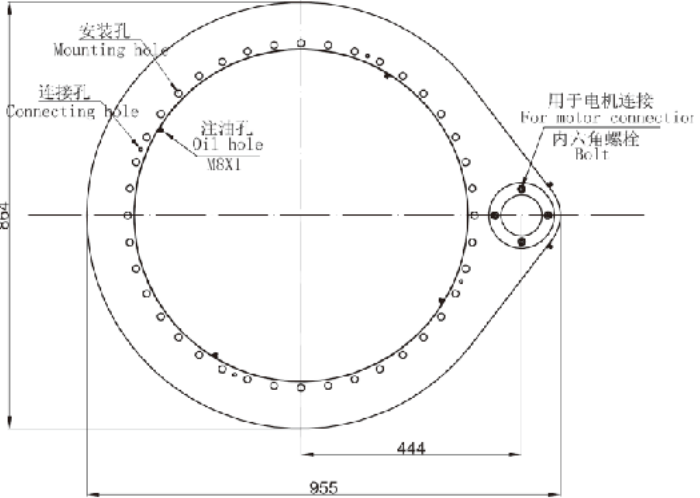
模数/Module	m	[mm]	4
齿圈齿数/Teeth number of wheel	z2	[-]	183
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	12.20
最大扭矩/Max torque SFS=1.75	M d max	[Nm]	6534
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	4675
最大保持扭矩/Max holding torque	M h	[Nm]	6534
径向额定静载荷/Radial static load	Co rad	[kN]	408
轴向额定静载荷/Axial static load	Co ax	[kN]	1092
径向额定动载荷/Radial dynamic load	C rad	[kN]	215
轴向额定动载荷/Axial dynamic load	C ax	[kN]	251
重量 (包括RE-300液压马达的12KG)/Weight	P	[kg]	85
压力差/Pressure differential	Δ	[bar]	155
油流量/Oil flow	Q	[l/m h]	23
输出转速/Output speed	n	[r/min]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	6534

Lubrication for slewing drive
4 M 8X1
4 M 8X1 grease nipples no hole in ring
2 M 8X1
2 M 8X1 grease nipples no hole in housing
Slewing drive supplied pre-lubricated

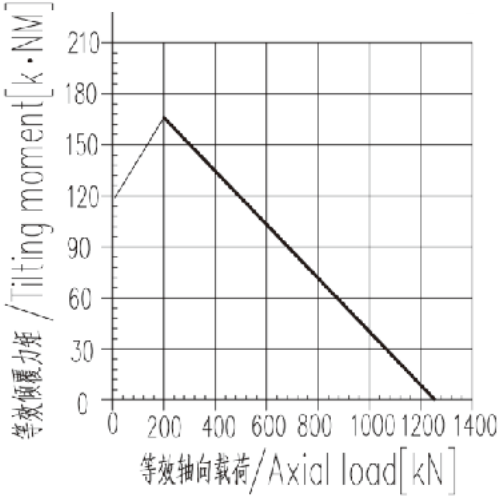
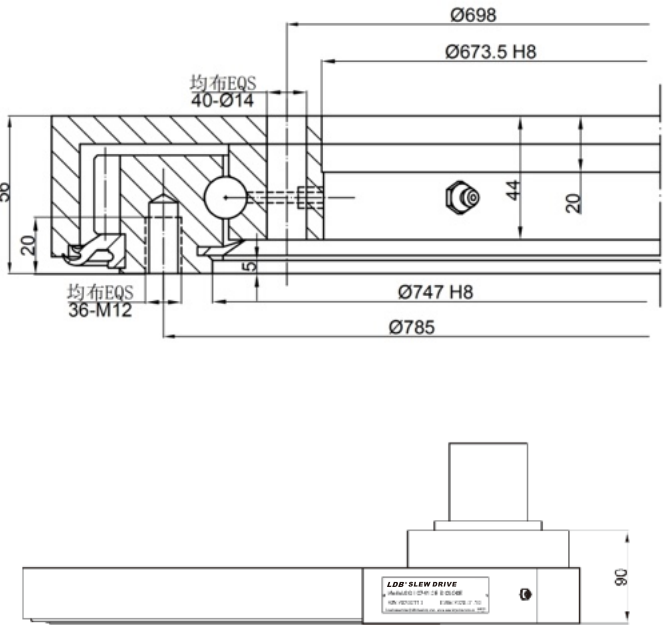


— /Raceway curve
— /Bolt curve R p 0.2
— /Bolt class 10.9

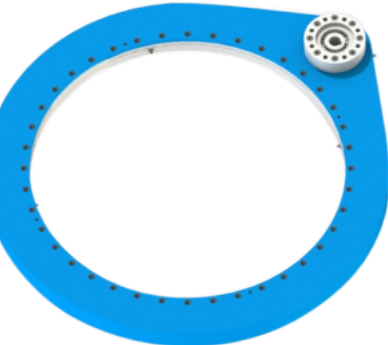
SGI - 0 7 4 1



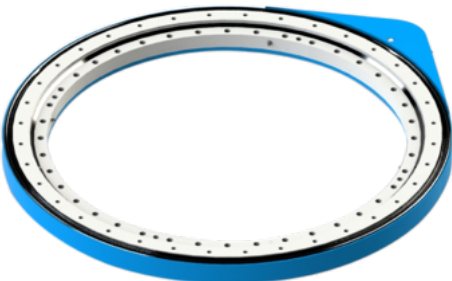
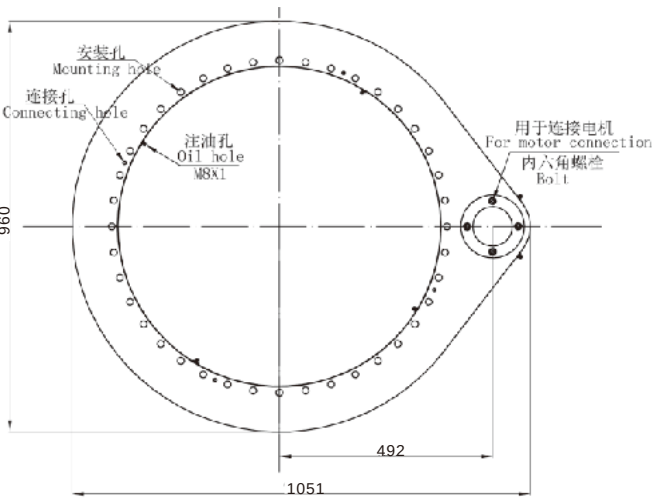
Lubrication for slewing drive
4 M 8X1
4 M 8X1 grease nipples no hole in ring
2 M 8X1
2 M 8X1 grease nipples no hole in housing
Slewing drive supplied pre-lubricated



— /Raceway curve
— /Bolt curve R p 0.2
— /Bolt class 10.9

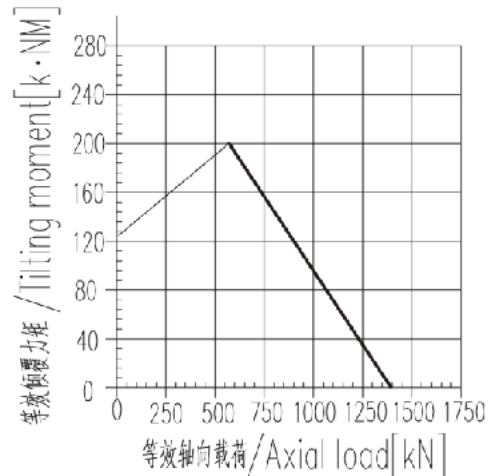
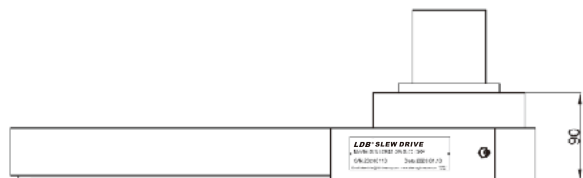
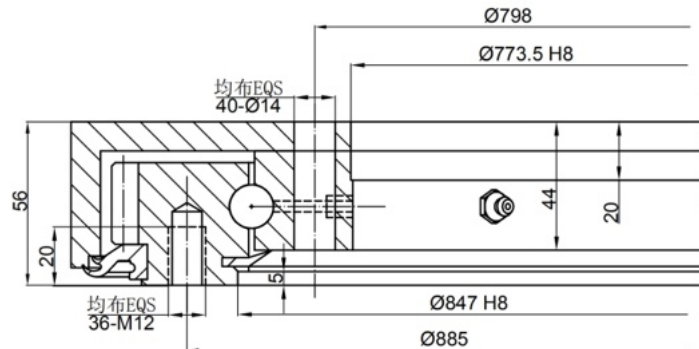


模数/Module	m	[mm]	4
齿圈齿数/Teeth number of wheel	z2	[-]	207
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	13.80
最大扭矩/Max torque SFS=1.75	M d max	[Nm]	7437
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	5362
最大保持扭矩/Max holding torque	M h	[Nm]	7437
径向额定静载荷/Radial static load	Co rad	[kN]	471
轴向额定静载荷/Axial static load	Co ax	[kN]	1262
径向额定动载荷/Radial dynamic load	C rad	[kN]	226
轴向额定动载荷/Axial dynamic load	C ax	[kN]	264
重量 (包括RE-300液压马达的12KG)/Weight	P	[kg]	95
压力差/Pressure differential	Δ	[bar]	155
油流量/Oil flow	Q	[l/m h]	25
输出转速/Output speed	n	[r/min]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	7437

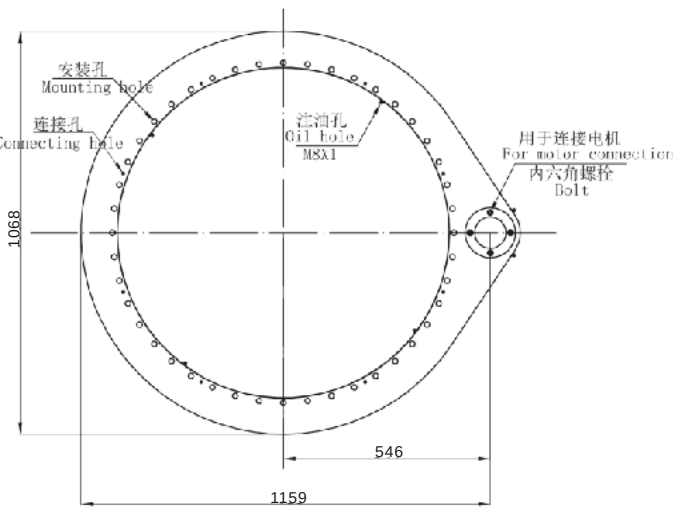


模数/Module	m	[mm]	4
齿圈齿数/Teeth number of wheel	z2	[-]	231
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	15.40
最大扭矩/Max torque SFS=1.75	M d max	[Nm]	8339
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	6012
最大保持扭矩/Max holding torque	M h	[Nm]	8339
径向额定静载荷/Radial static load	Co rad	[kN]	535
轴向额定静载荷/Axial static load	Co ax	[kN]	1433
径向额定动载荷/Radial dynamic load	C rad	[kN]	237
轴向额定动载荷/Axial dynamic load	C ax	[kN]	278
重量 (包括RE-300液压马达的12KG)/Weight	P	[kg]	106
压力差/Pressure differential	Δ	[bar]	155
油流量/Oil flow	Q	[l/min]	28
输出转速/Output speed	n	[r/min]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	8339

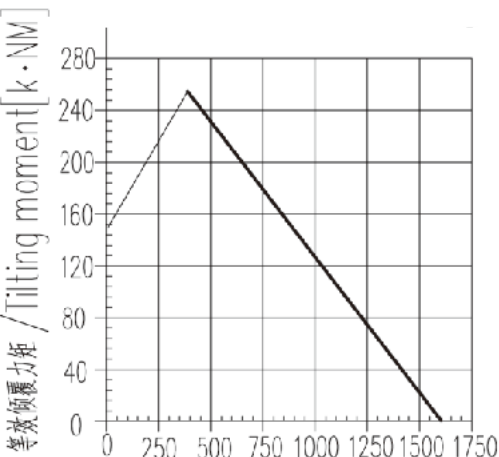
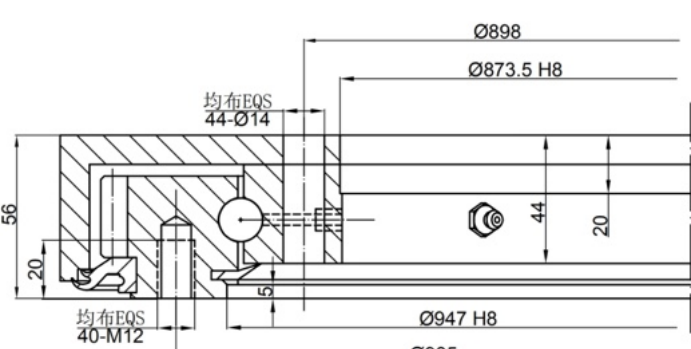
Lubrication for slewing drive
4 M 8X1
4 M 8X1 grease nipples no bearing
2 M 8X1
2 M 8X1 grease nipples no housing
/Slewing drive supplied pre-lubricated



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

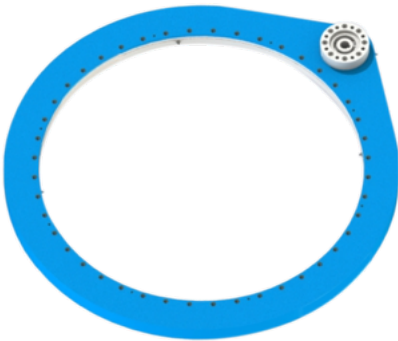


Lubrication for slewing drive
4 M 8X1
4 M 8X1 grease nipples no bearing
2 M 8X1
2 M 8X1 grease nipples no housing
/Slewing drive supplied pre-lubricated

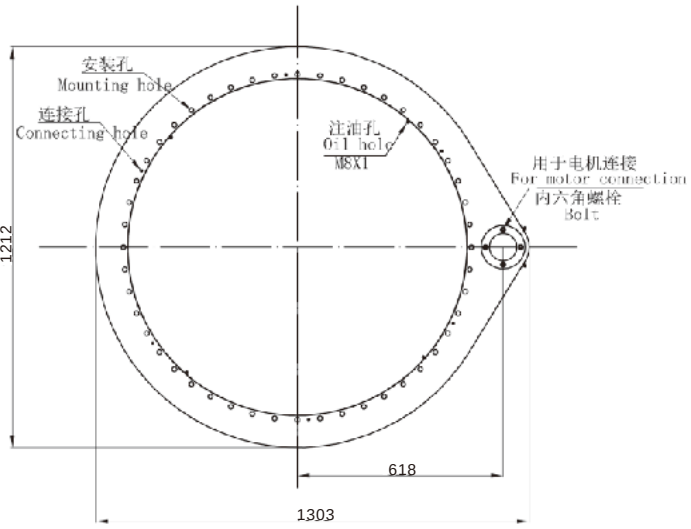


— /Raceway curve
— /Bolt curve R p0.2
— /Bolt class 10.9

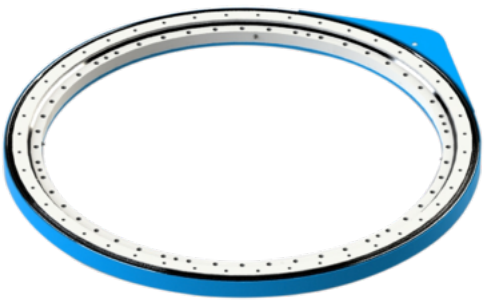
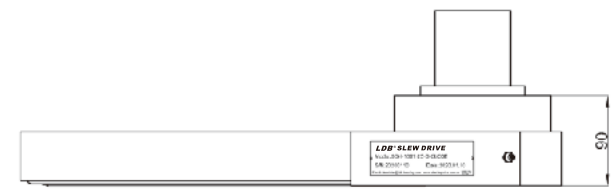
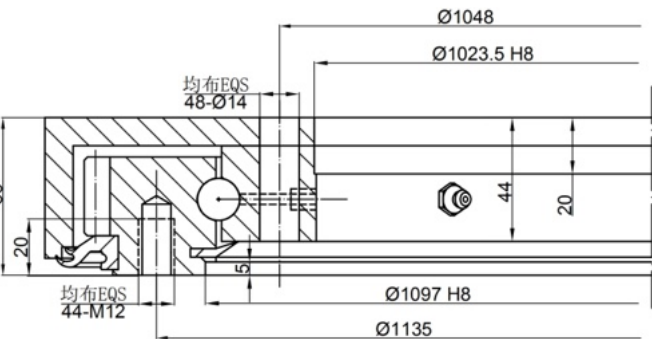
模数/Module	m	[mm]	4
齿圈齿数/Teeth number of wheel	z2	[-]	258
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	17.20
最大扭矩/Max torque SFS=1.75	M d max	[Nm]	9242
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	6688
最大保持扭矩/Max holding torque	M h	[Nm]	9242
径向额定静载荷/Radial static load	Co rad	[kN]	599
轴向额定静载荷/Axial static load	Co ax	[kN]	1603
径向额定动载荷/Radial dynamic load	C rad	[kN]	247
轴向额定动载荷/Axial dynamic load	C ax	[kN]	290
重量 (包括RE-300液压马达的12KG)/Weight	P	[kg]	116
压力差/Pressure differential	Δ	[bar]	155
油流量/Oil flow	Q	[l/min]	30
输出转速/Output speed	n	[r/min]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	9242



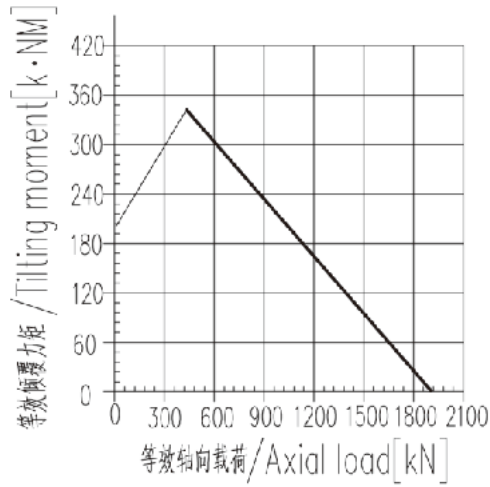
SGI - 1091



Lubrication following drive
4 M 8X1
4 M 8X1 grease nipples no hole in ring
2 M 8X1
2 M 8X1 grease nipples no hole in housing
/Slewing drive supplied pre-lubricated

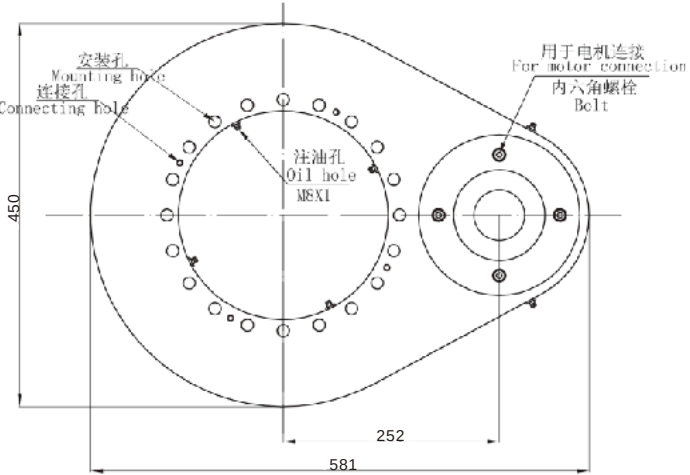


模数/Module	m	[mm]	4
齿圈齿数/Teeth number of wheel	z2	[-]	294
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	19.60
最大扭矩/Max torque SFS=1.75	M d max	[Nm]	10613
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	7681
最大保持扭矩/Max holding torque	M h	[Nm]	10613
径向额定静载荷/Radial static load	Co rad	[kN]	695
轴向额定静载荷/Axial static load	Co ax	[kN]	1859
径向额定动载荷/Radial dynamic load	C rad	[kN]	261
轴向额定动载荷/Axial dynamic load	C ax	[kN]	305
重量 (包括RE-300液压马达的12KG)/Weight	P	[kg]	132
压力差/Pressure differential	Δ	[bar]	150
油流量/Oil flow	Q	[l/min]	35
输出转速/Output speed	n	[r/min]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	10613

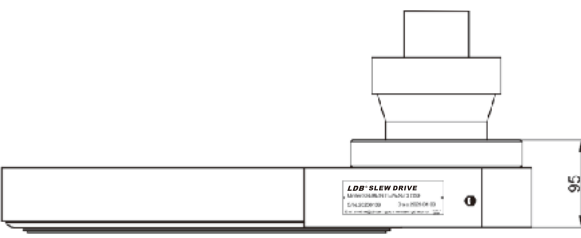
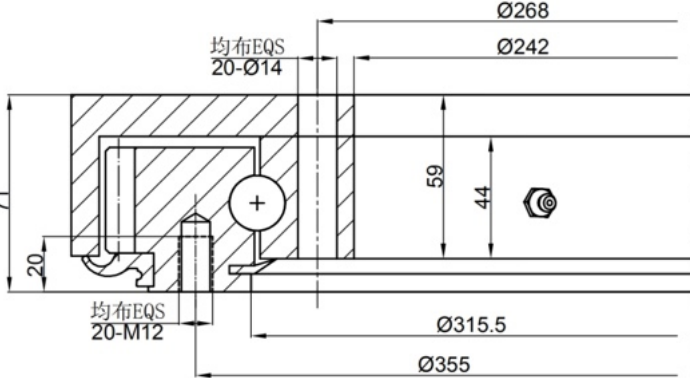


— /Raceway curve
— /Bolt curve R p0.2
— /Bolt class 10.9

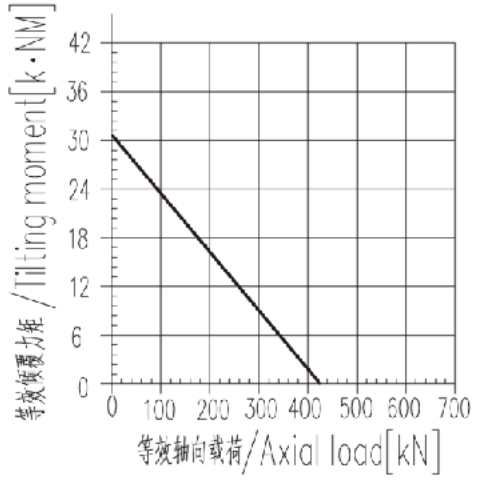
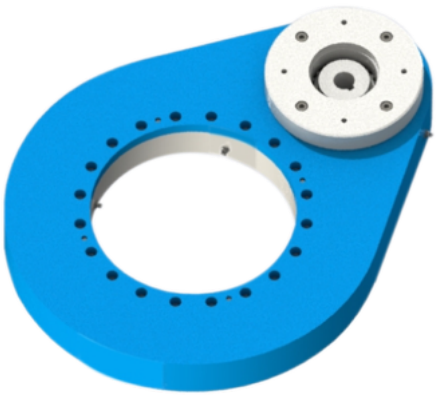
SGM - 0311



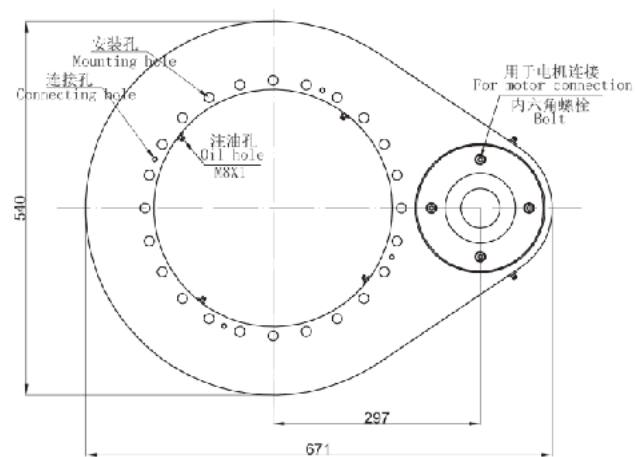
Lubrication following drive
4 M 8X1
4 M 8X1 grease nipples no hole in ring
2 M 8X1
2 M 8X1 grease nipples no hole in housing
Slewing drive supplied pre-lubricated



模数/Module	m	[mm]	6
齿圈齿数/Teeth number of wheel	z2	[-]	69
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	4.60
最大扭矩/Max torque	M d max	[Nm]	8191
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	6139
最大保持扭矩/Max holding torque	M h	[Nm]	8191
径向额定静载荷/Radial static load	Co rad	[kN]	181
轴向额定静载荷/Axial static load	Co ax	[kN]	425
径向额定动载荷/Radial dynamic load	C rad	[kN]	133
轴向额定动载荷/Axial dynamic load	C ax	[kN]	133
重量 (包括T-306液压马达的8KG)/Weight	P	[kg]	80
压力差/Pressure differential	Δ	[bar]	124
油流量/Oil flow	Q	[l/min]	39
输出转速/Output speed	n	[r/min]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	8191

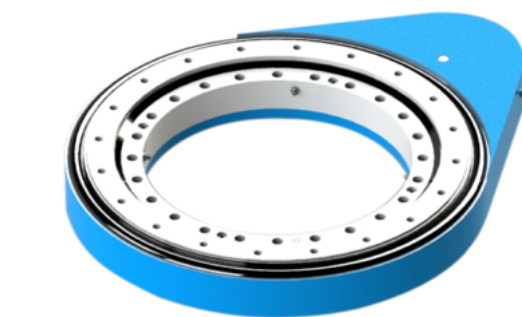
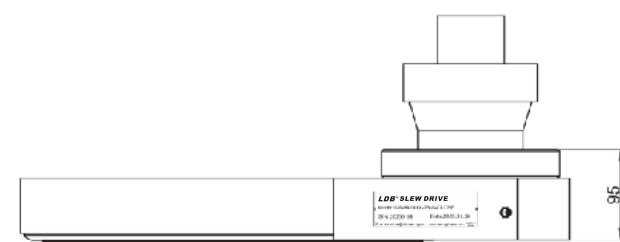
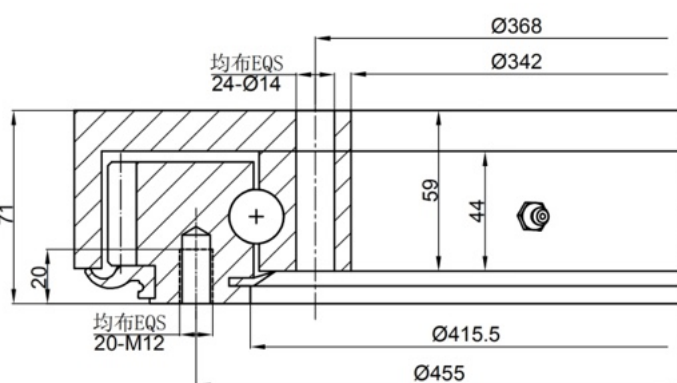


— /Raceway curve
— /Bolt curve R p0.2
— /Bolt class 10.9

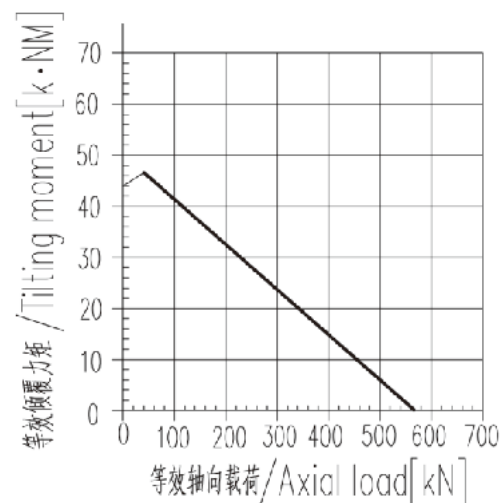


Lubrication for less ing drive
4 M 8X1
4 M 8X1 rgase imple no he nrier ing
2 M 8X1
2 M 8X1 rgase imple no he clusing

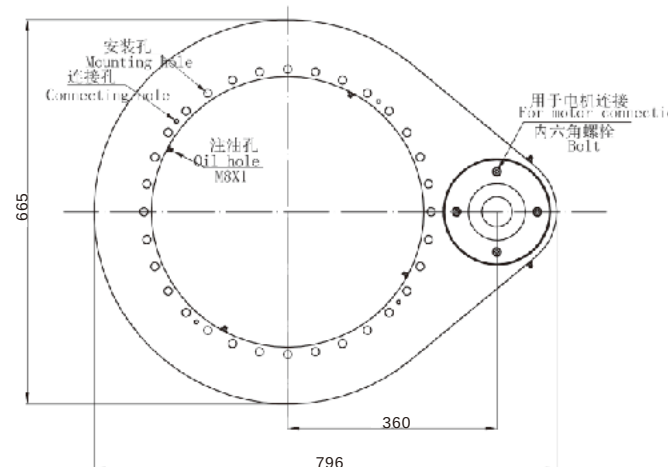
Slew ing ~~rol~~e applied re-lubricated



模数/Module	m	[mm]	6
齿圈齿数/Teeth number of wheel	z2	[-]	84
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	5.60
最大扭矩/Max torque	M d max	[Nm]	10147
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	7687
最大保持扭矩/Max holding torque	M h	[Nm]	10147
径向额定静载荷/Radial static load	Co rad	[kN]	240
轴向额定静载荷/Axial static load	Co ax	[kN]	561
径向额定动载荷/Radial dynamic load	C rad	[kN]	147
轴向额定动载荷/Axial dynamic load	C ax	[kN]	147
重量 (包括2-200液压马达的10KG)/Weight	P	[kg]	95
压力差/Pressure differential	Δ	[bar]	190
油留量/Oil flow	Q	[l/m in]	28
输出转速/Output speed	n	[m in-1]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	10147

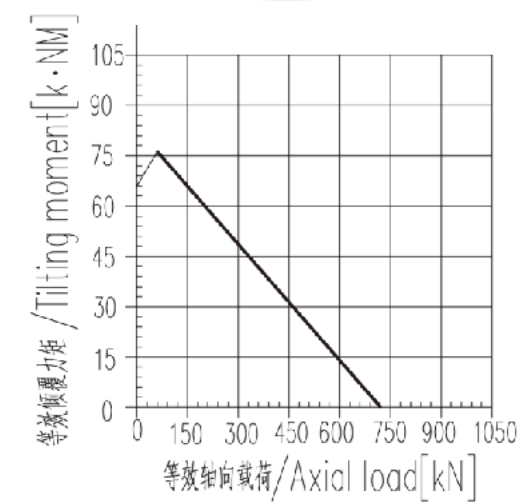
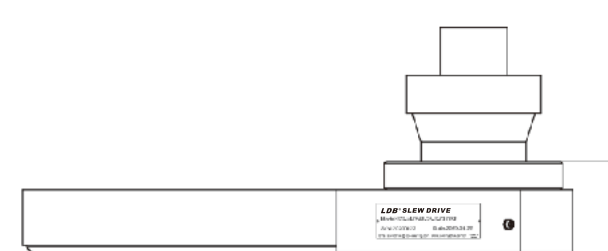
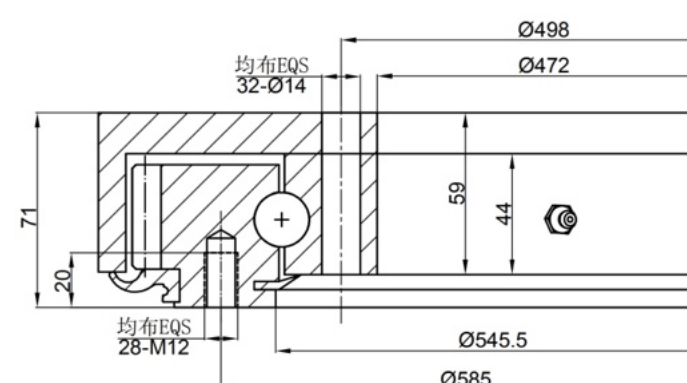


- /Raceway curve
- /Bo lt curve R p0.2
- /Bo lt class 10.9



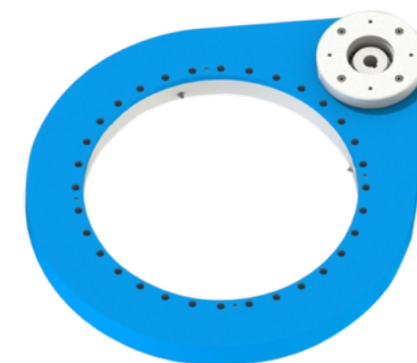
Lubrication following drive
4 M 8X1
4 8X1 grease nipples no heating
2 M 8X1
2 8X1 grease nipples no heating

Slew ing drive supplied re-lubricated

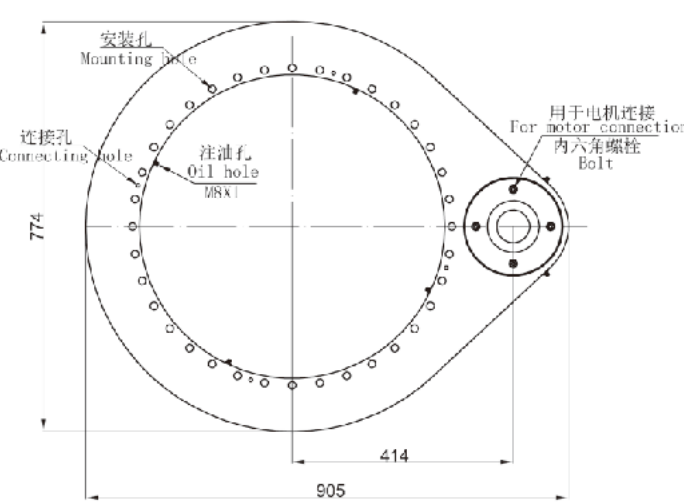


- /Raceway curve
- /Bo lt curve R p0.2
- /Bo lt class 10.9

模数/Module	m	[mm]	6
齿圈齿数/Teeth number of wheel	z2	[-]	105
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	7
最大扭矩/Max torque	M d max	[Nm]	1283
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	9845
最大保持扭矩/Max holding torque	M h	[Nm]	1283
径向额定静载荷/Radial static load	C o rad	[kN]	316
轴向额定静载荷/Axial static load	C o ax	[kN]	739
径向额定动载荷/Radial dynamic load	C rad	[kN]	164
轴向额定动载荷/Axial dynamic load	C ax	[kN]	165
重量（包括2-200液压马达的10KG)/Weight	P	[kg]	110
压力差/Pressure differential	Δ	[bar]	190
油留量/Oil flow	Q	[l/m in]	34
输出转速/Output speed	n	[m in-1]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	1283

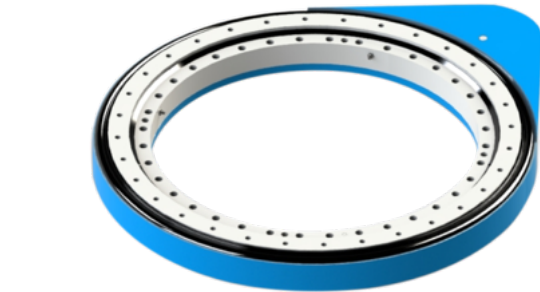
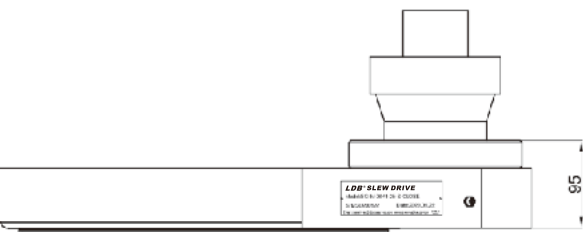
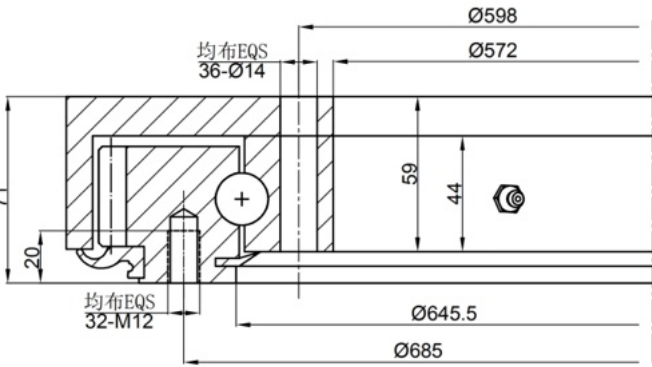


SGM - 0 6 4 1

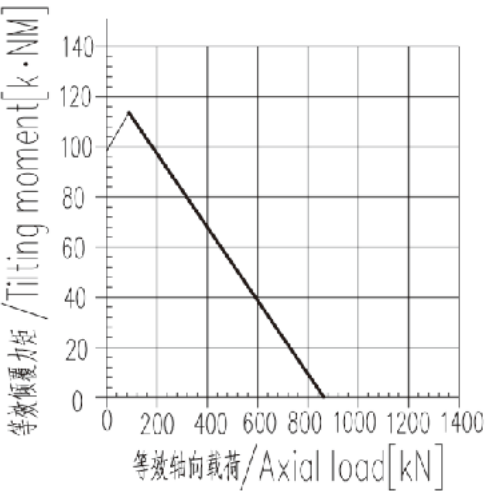


Lubrication for slewing drive
4 M8X1 grease nipples for mounting
2 M8X1 grease nipples for housing
2 M8X1 grease nipples for housing

Slewing drive supplied pre-lubricated

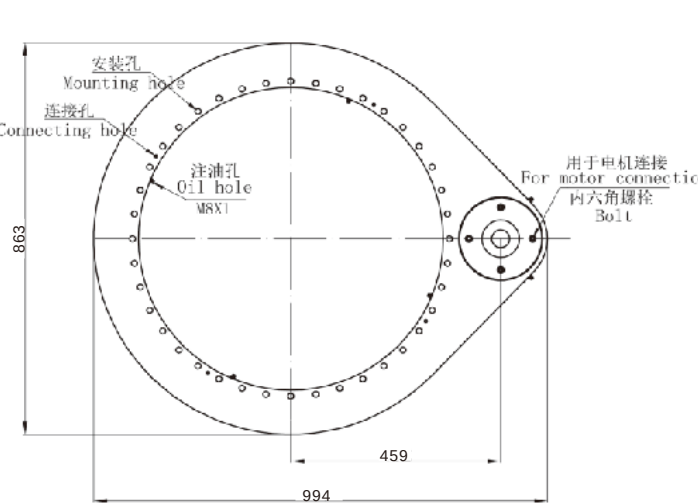


模数/Module	m	[mm]	6
齿圈齿数/Teeth number of wheel	z2	[-]	123
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	820
最大扭矩/Max torque	M d max	[Nm]	14916
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	11508
最大保持扭矩/Max holding torque	M h	[Nm]	14916
径向额定静载荷/Radial static load	Co rad	[kN]	374
轴向额定静载荷/Axial static load	Co ax	[kN]	876
径向额定动载荷/Radial dynamic load	C rad	[kN]	175
轴向额定动载荷/Axial dynamic load	C ax	[kN]	176
重量 (包括2-200液压马达的10KG)/Weight	P	[kg]	125
压力差/Pressure differential	Δ	[bar]	190
油流量/Oil flow	Q	[l/min]	38
输出转速/Output speed	n	[r/min]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	14916



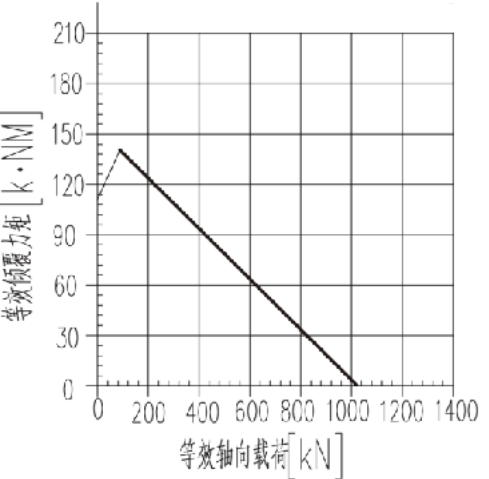
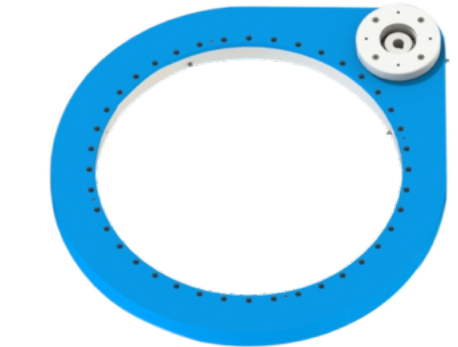
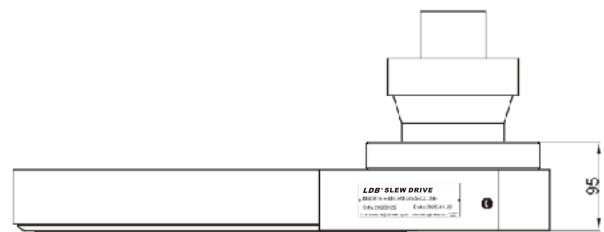
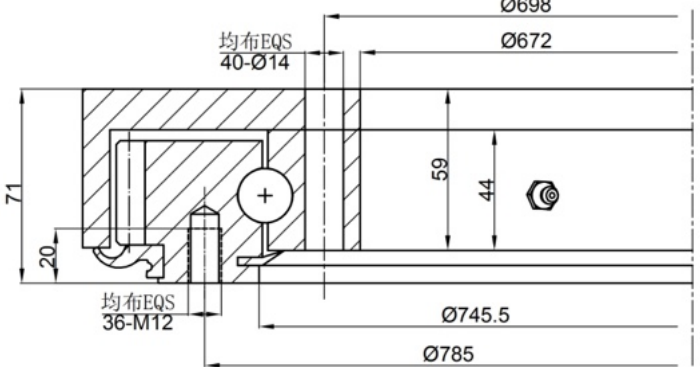
— /Raceway curve
— /Bolt curve R p0.2
— /Bolt class 10.9

SGM - 0 7 4 1



Lubrication for slewing drive
4 M8X1 grease nipples for mounting
2 M8X1 grease nipples for housing
2 M8X1 grease nipples for housing

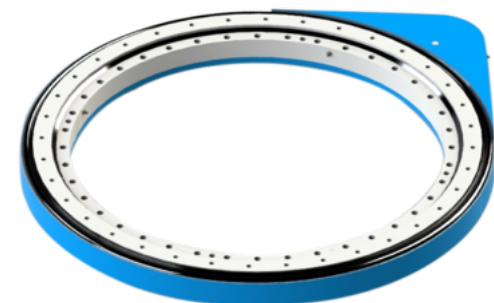
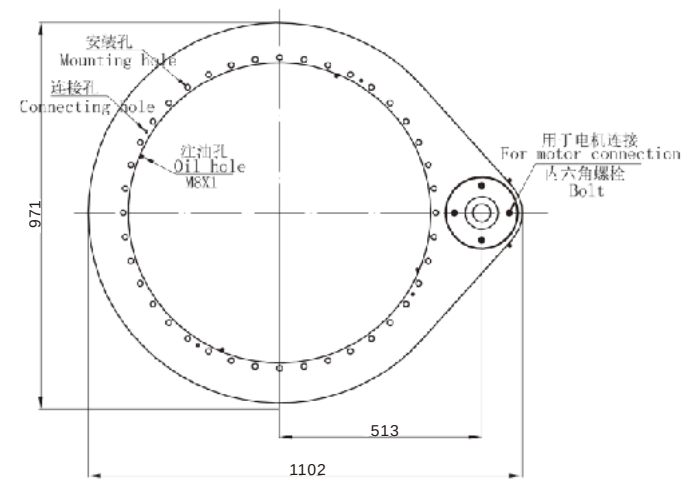
Slewing drive supplied pre-lubricated



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

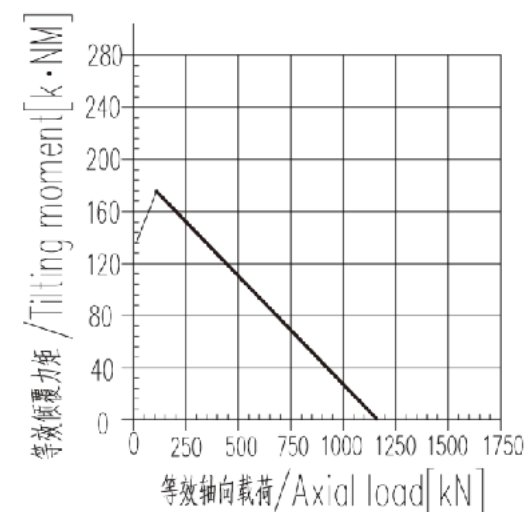
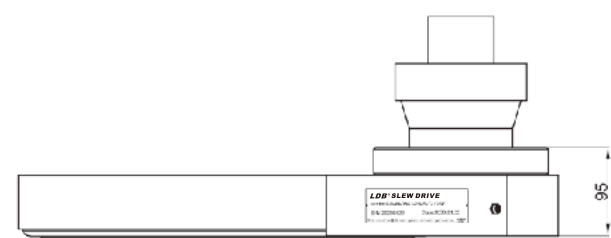
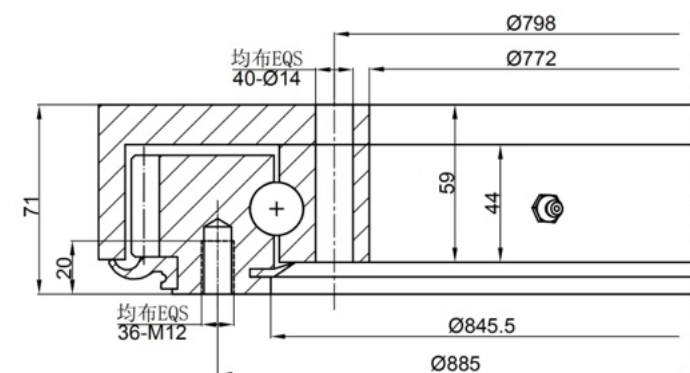
模数/Module	m	[mm]	6
齿圈齿数/Teeth number of wheel	z2	[-]	138
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	920
最大扭矩/Max torque	M d max	[Nm]	16872
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	13057
最大保持扭矩/Max holding torque	M h	[Nm]	16872
径向额定静载荷/Radial static load	Co rad	[kN]	433.2
轴向额定静载荷/Axial static load	Co ax	[kN]	1013
径向额定动载荷/Radial dynamic load	C rad	[kN]	184
轴向额定动载荷/Axial dynamic load	C ax	[kN]	185
重量 (包括2-200液压马达的10KG)/Weight	P	[kg]	140
压力差/Pressure differential	Δ	[bar]	190
油流量/Oil flow	Q	[l/min]	43
输出转速/Output speed	n	[r/min]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	16872

SGM - 0841



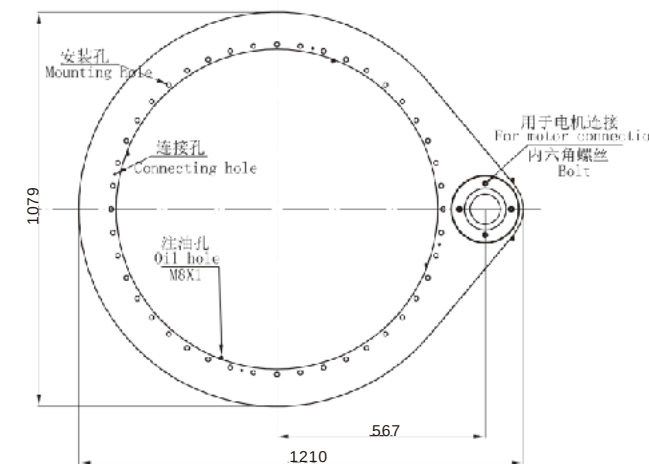
模数/Module	m	[mm]	6
齿圈齿数/Teeth number of wheel	z2	[-]	156
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	10.40
最大扭矩/Max torque	M d max	[Nm]	19073
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	14805
最大保持扭矩/Max holding torque	M h	[Nm]	19073
径向额定静载荷/Radial static load	Co rad	[kN]	492
轴向额定静载荷/Axial static load	Co ax	[kN]	1150
径向额定动载荷/Radial dynamic load	C rad	[kN]	194
轴向额定动载荷/Axial dynamic load	C ax	[kN]	195
重量 (包括2-200液压马达的10KG)/Weight	P	[kg]	155
压力差/Pressure differential	Δ	[bar]	190
油流量/Oil flow	Q	[l/min]	48
输出转速/Output speed	n	[r/min]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	19073

Lubrication for slewing drive
4 M8X1
4 M8X1 grease nipples no hole
2 M8X1
2 M8X1 grease nipples no hole
Slewing drive supplied pre-lubricated

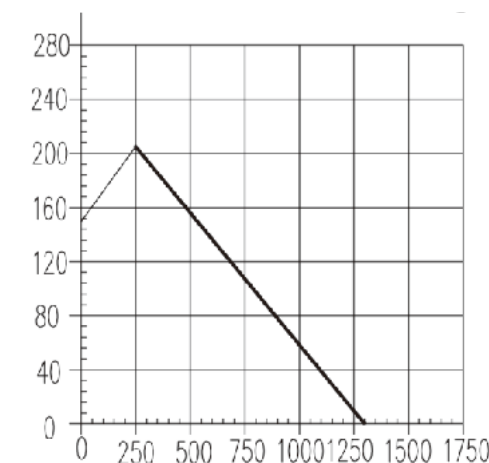
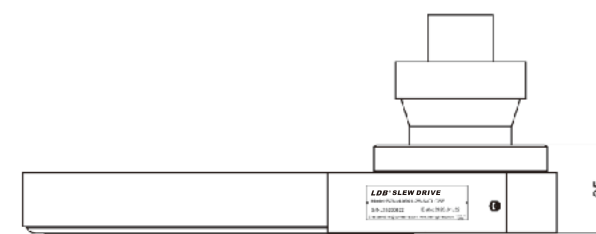
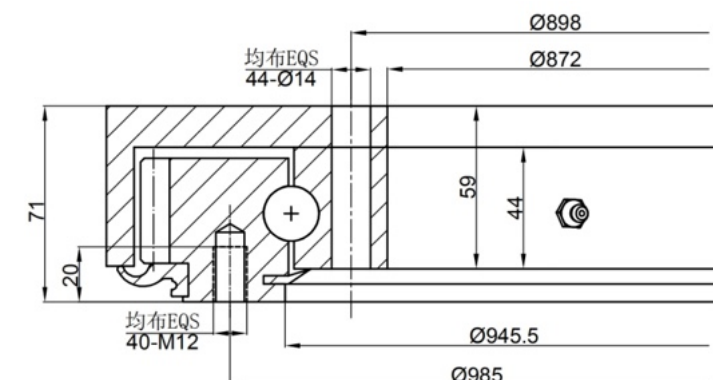


— /Raceway curve
— /Bolt curve Rp0.2
— /Bolt class 10.9

SGM - 0941

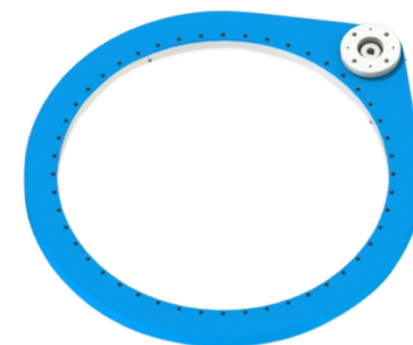


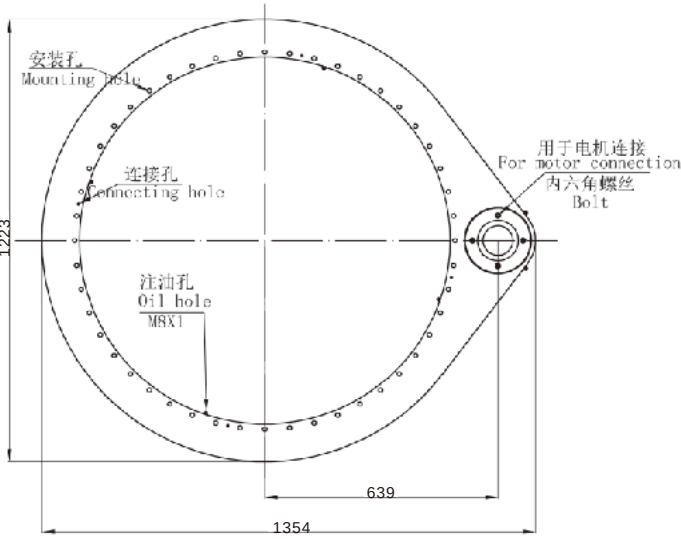
Lubrication for slewing drive
4 M8X1
4 M8X1 grease nipples no hole
2 M8X1
2 M8X1 grease nipples no hole
Slewing drive supplied pre-lubricated



— /Raceway curve
— /Bolt curve Rp0.2
— /Bolt class 10.9

模数/Module	m	[mm]	6
齿圈齿数/Teeth number of wheel	z2	[-]	174
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	11.60
最大扭矩/Max torque	M d max	[Nm]	21029
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	16323
最大保持扭矩/Max holding torque	M h	[Nm]	21029
径向额定静载荷/Radial static load	Co rad	[kN]	550
轴向额定静载荷/Axial static load	Co ax	[kN]	1286
径向额定动载荷/Radial dynamic load	C rad	[kN]	201
轴向额定动载荷/Axial dynamic load	C ax	[kN]	203
重量 (包括2-200液压马达的10KG)/Weight	P	[kg]	170
压力差/Pressure differential	Δ	[bar]	190
油流量/Oil flow	Q	[l/min]	51
输出转速/Output speed	n	[r/min]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	21029

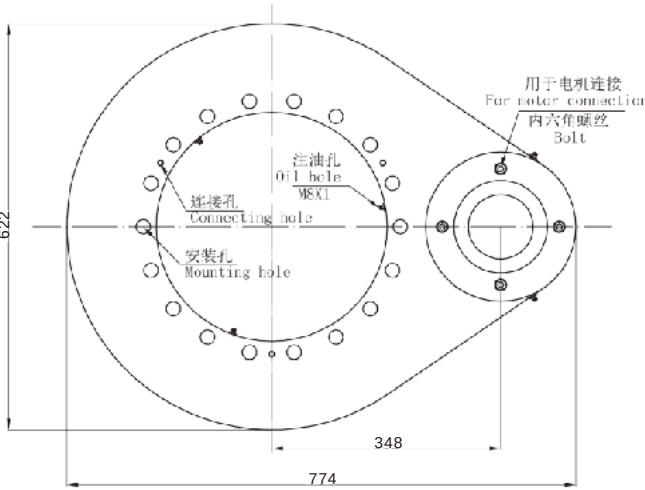
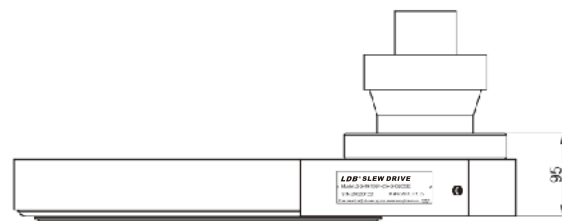
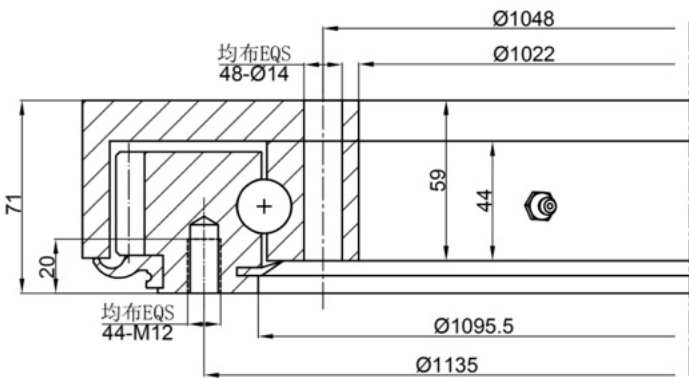




Lubrication for slewing drive
4 M 8X1
4 M 8X1 rgase ipples no he nrier ing
2 M 8X1
2 M 8X1 rgase ipples no he olusing

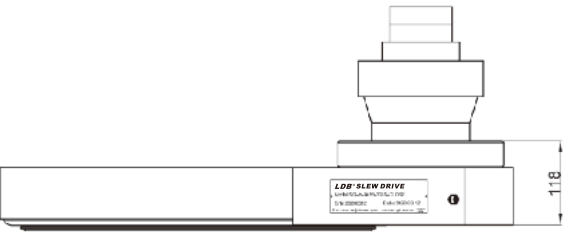
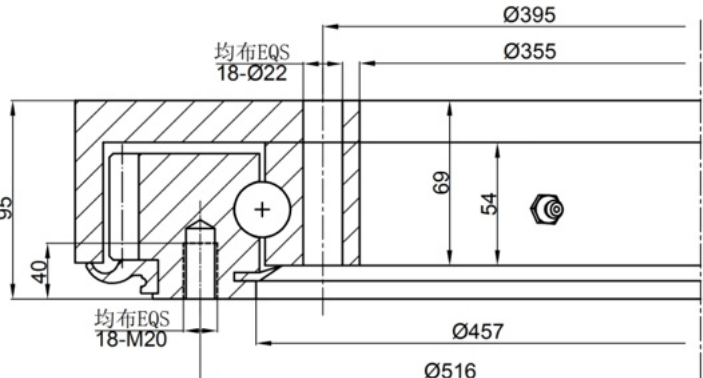
Slewing drive supplied pre-lubricated

模数/Module	m	[mm]	6
齿圈齿数/Teeth number of wheel	z2	[-]	198
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	13.20
最大扭矩/Max torque	M d max	[Nm]	24207
标准扭矩/Nom torque SF=1 at n=5rpm	M d nom	[Nm]	18847
最大保持扭矩/Max holding torque	M h	[Nm]	24207
径向额定静载荷/Radial static load	C o rad	[kN]	638
轴向额定静载荷/Axial static load	C o ax	[kN]	1492
径向额定动载荷/Radial dynamic load	C rad	[kN]	213
轴向额定动载荷/Axial dynamic load	C ax	[kN]	215
重量 (包括2-200液压马达的10KG)/Weight	P	[kg]	200
压力差/Pressure differential	Δ	[bar]	190
油流量/Oil flow	Q	[l/min]	62
输出转速/Output speed	n	[r/min]	5
最大可达扭矩/Max achievable torque	M d	[Nm]	24207

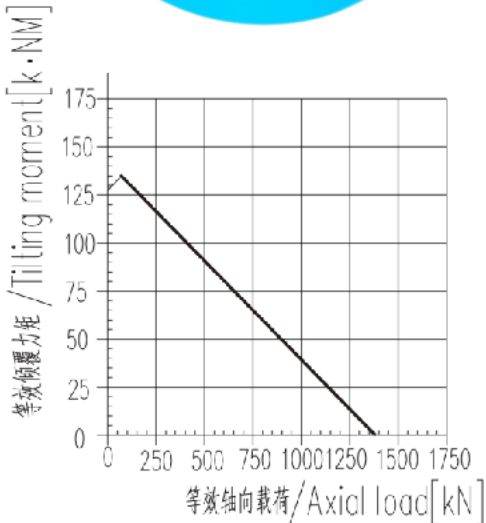


Lubrication for slewing drive
3 M 8X1
3 M 8X1 rgase ipples no he nrier ing
2 M 8X1
2 M 8X1 rgase ipples no he olusing

Slewing drive supplied pre-lubricated

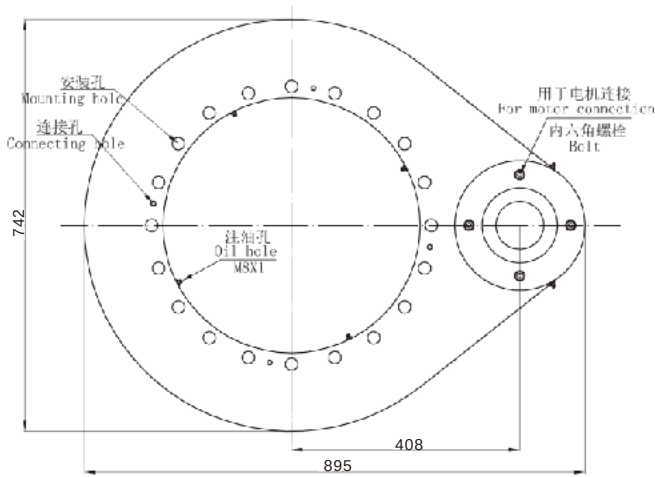


模数/Module	m	[mm]	8
齿圈齿数/Teeth number of wheel	z2	[-]	72
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	4.80
最大扭矩/Max torque	M d max	[Nm]	26289
标准扭矩/Nom torque SF=1 at n=3rpm	M d nom	[Nm]	17209
最大保持扭矩/Max holding torque	M h	[Nm]	26289
径向额定静载荷/Radial static load	C o rad	[kN]	508
轴向额定静载荷/Axial static load	C o ax	[kN]	1360
径向额定动载荷/Radial dynamic load	C rad	[kN]	236
轴向额定动载荷/Axial dynamic load	C ax	[kN]	275
重量 (包括2-132液压马达的10KG)/Weight	P	[kg]	190
压力差/Pressure differential	Δ	[bar]	195
油流量/Oil flow	Q	[l/min]	38
输出转速/Output speed	n	[r/min]	3
最大可达扭矩/Max achievable torque	M d	[Nm]	26289



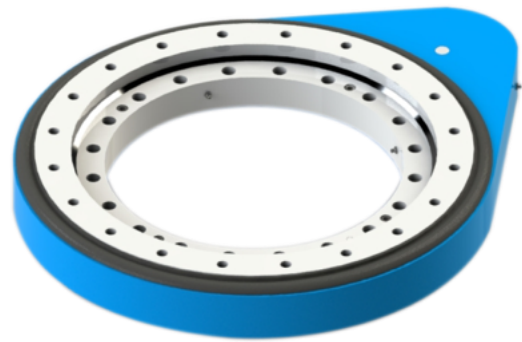
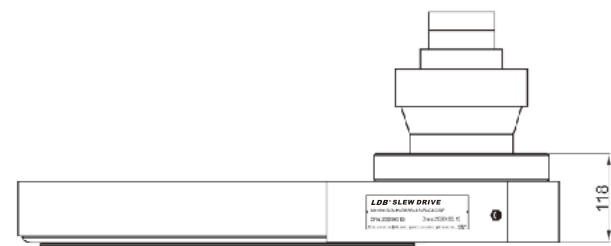
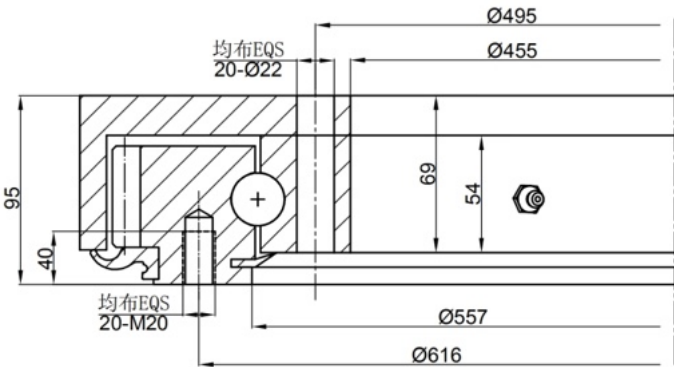
/Raceway curve
/Bolt curve R p0.2
/Bolt class 10.9

SGH - 0555

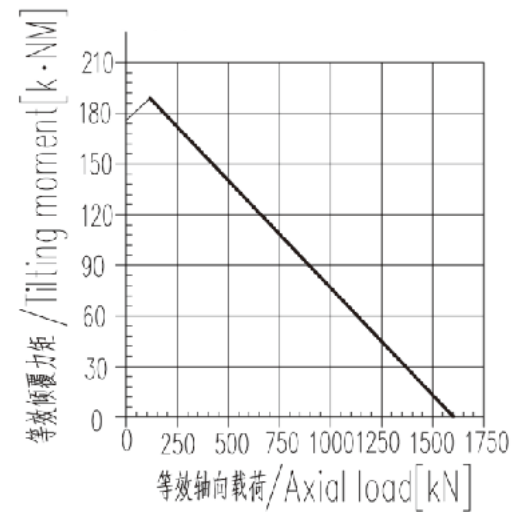


Lubrication following drive
4 M 8X1
4 M 8X1 rgase ipples nohe nrier ing
2 M 8X1
2 M 8X1 rgase ipples nohe olusing

Slewing drive supplied rp-lubricated

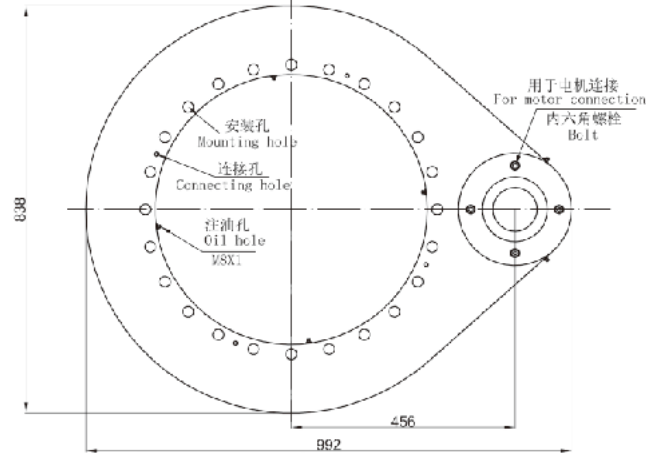


模数/Module	m	[mm]	8
齿圈齿数/Teeth number of wheel	z2	[-]	87
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	5.80
最大扭矩/Max torque	M d max	[Nm]	31036
标准扭矩/Nom torque SF=1 at n=3rpm	M d nom	[Nm]	20510
最大保持扭矩/Max holding torque	M h	[Nm]	31036
径向额定静载荷/Radial static load	Co rad	[kN]	619
轴向额定静载荷/Axial static load	Co ax	[kN]	1658
径向额定动载荷/Radial dynamic load	C rad	[kN]	253
轴向额定动载荷/Axial dynamic load	C ax	[kN]	296
重量 (包括2-132液压马达的10KG)/Weight	P	[kg]	215
压力差/Pressure differential	Δ	[bar]	195
油流量/Oil flow	Q	[l/min]	45
输出转速/Output speed	n	[r/min]	3
最大可达扭矩/Max achievable torque	M d	[Nm]	31036



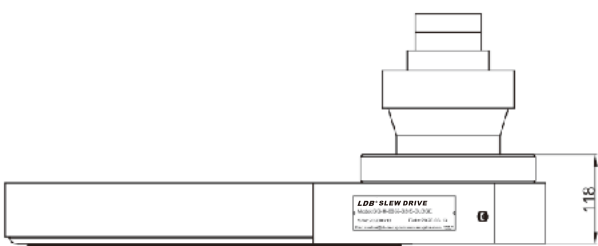
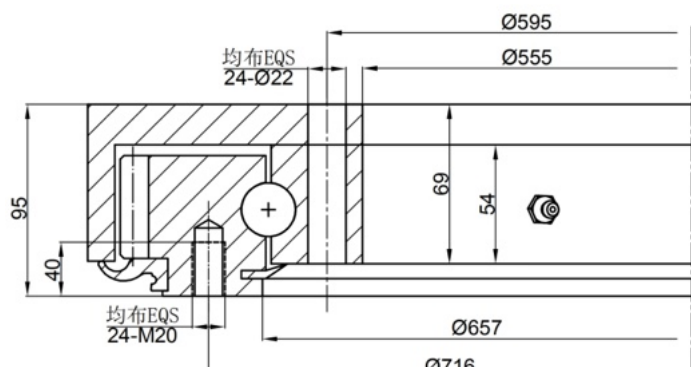
— /Raceway uerve
— /Bo lt curve R p0.2
— /Bo lt class 10.9

SGH - 0655

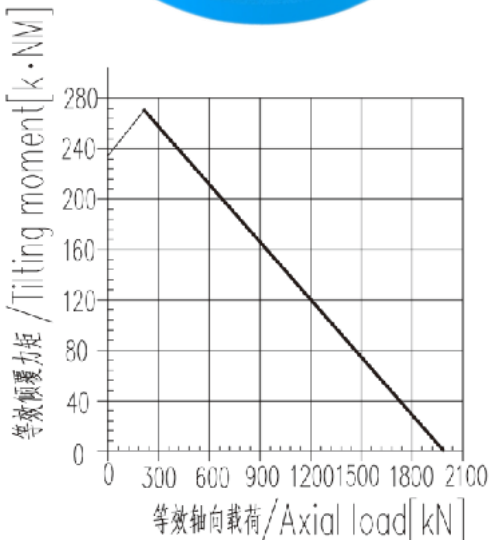
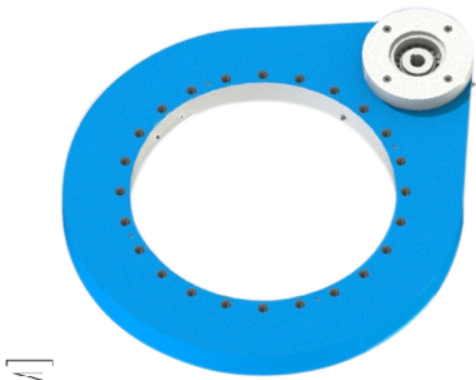


Lubrication following drive
4 M 8X1
4 M 8X1 rgase ipples nohe nrier ing
2 M 8X1
2 M 8X1 rgase ipples nohe olusing

Slewing drive supplied rp-lubricated

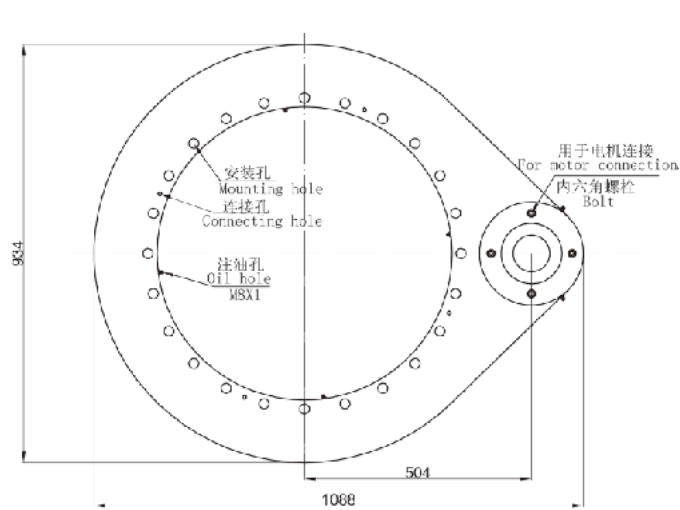


模数/Module	m	[mm]	8
齿圈齿数/Teeth number of wheel	z2	[-]	99
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	6.60
最大扭矩/Max torque	M d max	[Nm]	35783
标准扭矩/Nom torque SF=1 at n=3rpm	M d nom	[Nm]	23795
最大保持扭矩/Max holding torque	M h	[Nm]	35783
径向额定静载荷/Radial static load	Co rad	[kN]	731
轴向额定静载荷/Axial static load	Co ax	[kN]	1957
径向额定动载荷/Radial dynamic load	C rad	[kN]	269
轴向额定动载荷/Axial dynamic load	C ax	[kN]	314
重量 (包括2-132液压马达的10KG)/Weight	P	[kg]	245
压力差/Pressure differential	Δ	[bar]	195
油流量/Oil flow	Q	[l/min]	52
输出转速/Output speed	n	[r/min]	3
最大可达扭矩/Max achievable torque	M d	[Nm]	35783



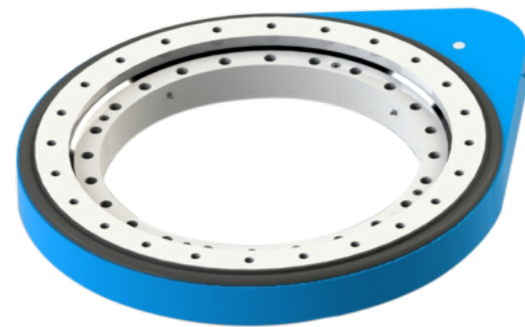
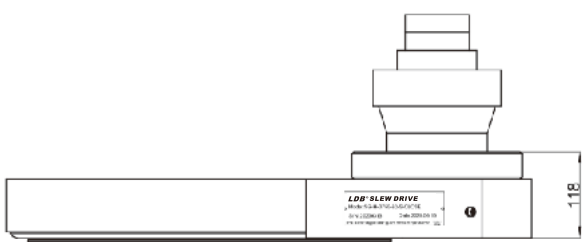
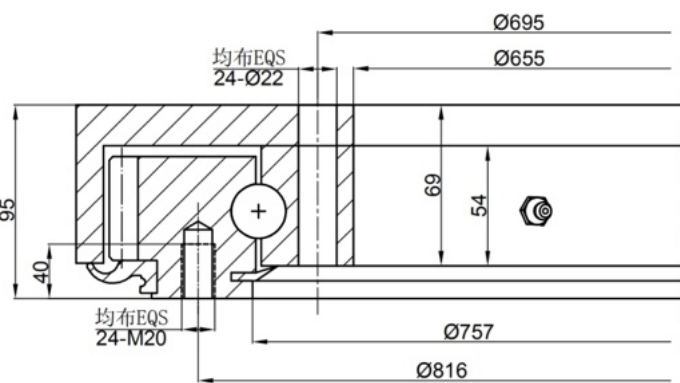
— /Raceway uerve
— /Bo lt curve R p0.2
— /Bo lt class 10.9

SGH - 0755

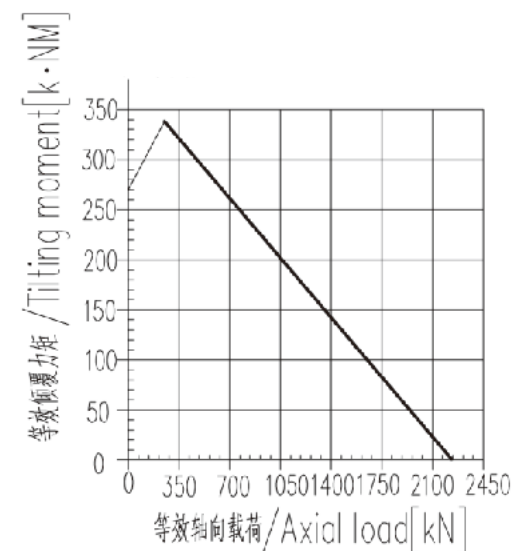


Lubrication for slewing drive
4 M8X1 grease nipples for inner ring
2 M8X1 grease nipples for housing

Slewing drive supplied pre-lubricated

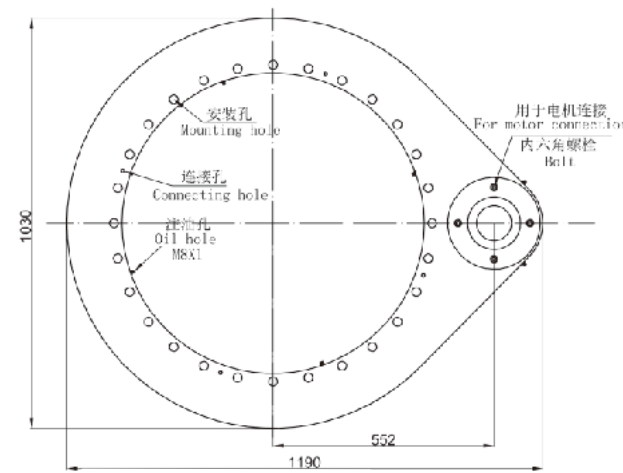


模数/Module	m	[mm]	8
齿圈齿数/Teeth number of wheel	z2	[-]	111
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	7.40
最大扭矩/Max torque	M d max	[Nm]	40165
标准扭矩/Nom torque SF=1 at n=3rpm	M d nom	[Nm]	26793
最大保持扭矩/Max holding torque	M h	[Nm]	40165
径向额定静载荷/Radial static load	Co rad	[kN]	843
轴向额定静载荷/Axial static load	Co ax	[kN]	2257
径向额定动载荷/Radial dynamic load	C rad	[kN]	284
轴向额定动载荷/Axial dynamic load	C ax	[kN]	331
重量 (包括2-132液压马达的10KG)/Weight	P	[kg]	265
压力差/Pressure differential	Δ	[bar]	195
油流量/Oil flow	Q	[l/min]	57
输出转速/Output speed	n	[r/min]	3
最大可达扭矩/Max achievable torque	M d	[Nm]	40165



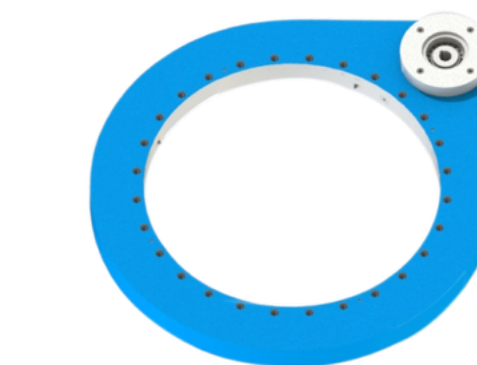
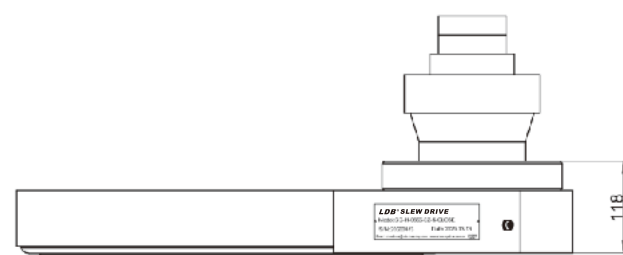
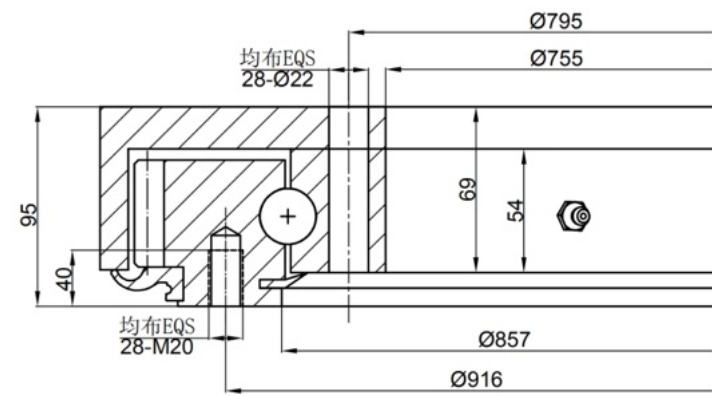
— /Raceway curve
— /Bolt curve R p0.2
— /Bolt class 10.9

SGH - 0855

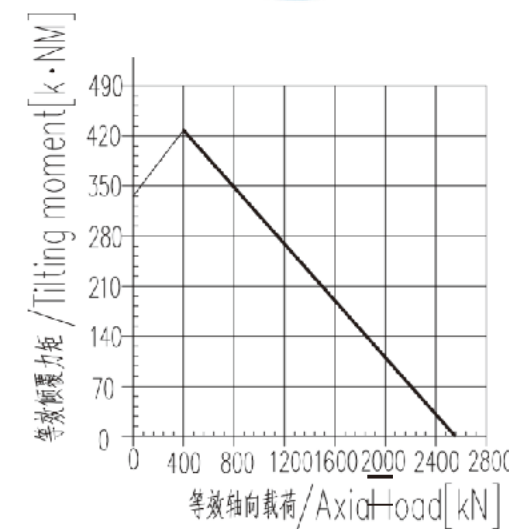


Lubrication for slewing drive
4 M8X1 grease nipples for inner ring
2 M8X1 grease nipples for housing

Slewing drive supplied pre-lubricated

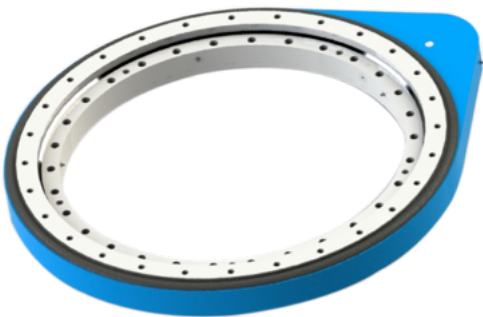
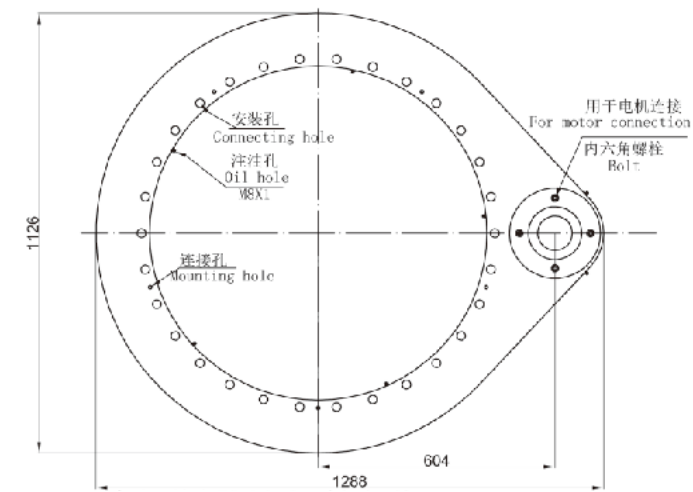


模数/Module	m	[mm]	8
齿圈齿数/Teeth number of wheel	z2	[-]	123
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	8.20
最大扭矩/Max torque	M d max	[Nm]	44821
标准扭矩/Nom torque SF=1 at n=3rpm	M d nom	[Nm]	31111
最大保持扭矩/Max holding torque	M h	[Nm]	44821
径向额定静载荷/Radial static load	Co rad	[kN]	954
轴向额定静载荷/Axial static load	Co ax	[kN]	2556
径向额定动载荷/Radial dynamic load	C rad	[kN]	299
轴向额定动载荷/Axial dynamic load	C ax	[kN]	349
重量 (包括2-132液压马达的10KG)/Weight	P	[kg]	295
压力差/Pressure differential	Δ	[bar]	195
油流量/Oil flow	Q	[l/min]	64
输出转速/Output speed	n	[r/min]	3
最大可达扭矩/Max achievable torque	M d	[Nm]	44821



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

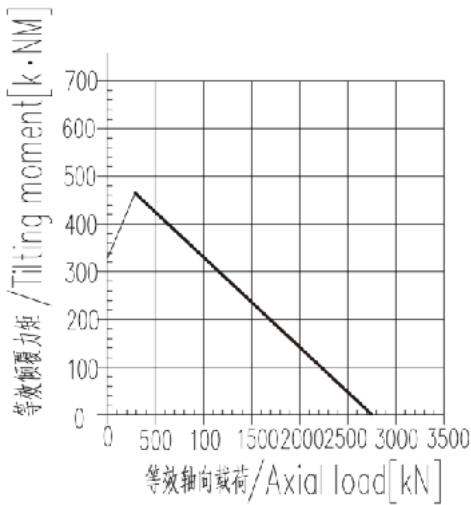
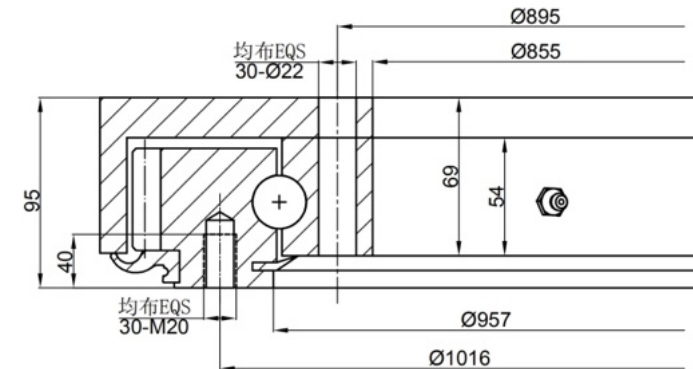
SGH - 0955



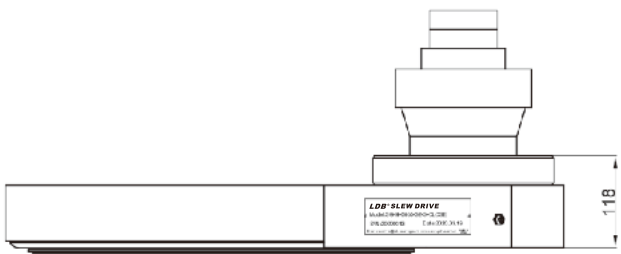
模数/Module	m	[mm]	8
齿圈齿数/Teeth number of wheel	z2	[-]	135
小齿轮齿数/Teeth number of pinion	z1	[-]	15
总传动比/Overall gear ration	i	[-]	9
最大扭矩/Max torque	M d max	[Nm]	49293
标准扭矩/Nom torque SF=1 at n=3rpm	M d nom	[Nm]	34524
最大保持扭矩/Max holding torque	M h	[Nm]	49293
径向额定静载荷/Radial static load	Co rad	[kN]	1066
轴向额定静载荷/Axial static load	Co ax	[kN]	2855
径向额定动载荷/Radial dynamic load	C rad	[kN]	311
轴向额定动载荷/Axial dynamic load	C ax	[kN]	363
重量 (包括2-132液压马达的10KG)/Weight	P	[kg]	320
压力差/Pressure differential	Δ	[bar]	195
油流量/Oil flow	Q	[l/min]	70
输出转速/Output speed	n	[r/min]	3
最大可达扭矩/Max achievable torque	M d	[Nm]	49293

Lubrication following drive
4 M8X1
4 M8X1 grease nipples no bearing
2 M8X1
2 M8X1 grease nipples no housing

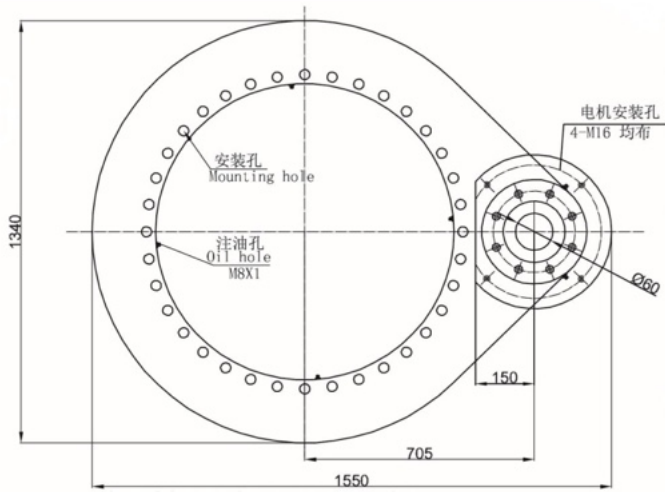
Slewing drive supplied pre-lubricated



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



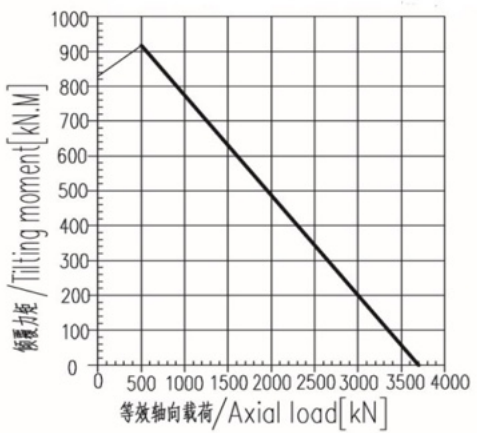
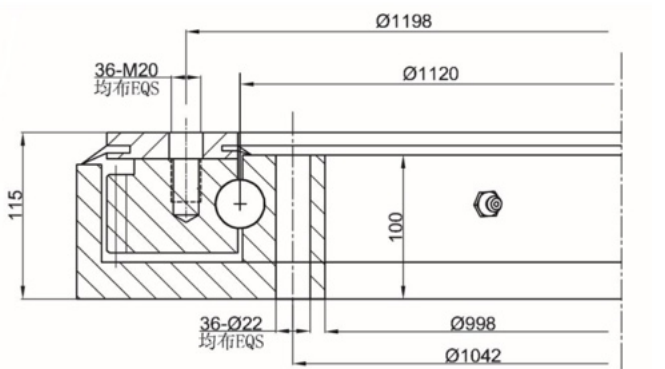
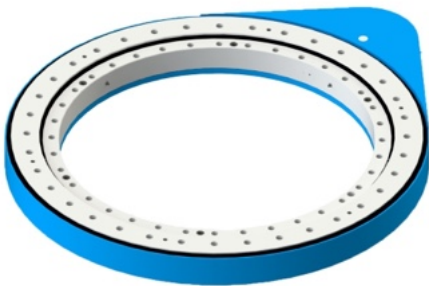
SGH - 1120



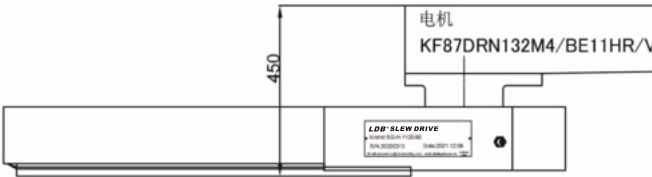
模数/Module	m	[mm]	6
齿圈齿数/Teeth number of wheel	z2	[-]	215
小齿轮齿数/Teeth number of pinion	z1	[-]	20
总传动比/Overall gear ration	i	[-]	10.75
最大扭矩/Max torque	M d max	[Nm]	59000
标准扭矩/Nom torque SF=1 at n=3rpm	M d nom	[Nm]	39000
最大保持扭矩/Max holding torque	M h	[Nm]	59000
径向额定静载荷/Radial static load	Co rad	[kN]	1053
轴向额定静载荷/Axial static load	Co ax	[kN]	3700
径向额定动载荷/Radial dynamic load	C rad	[kN]	355
轴向额定动载荷/Axial dynamic load	C ax	[kN]	413
输出转速/Output speed	n	[r/min]	0.5~2
最大可达扭矩/Max achievable torque	M d	[Nm]	59000

Lubrication following drive
4 M8X1
4 M8X1 grease nipples no bearing
2 M8X1
2 M8X1 grease nipples no housing

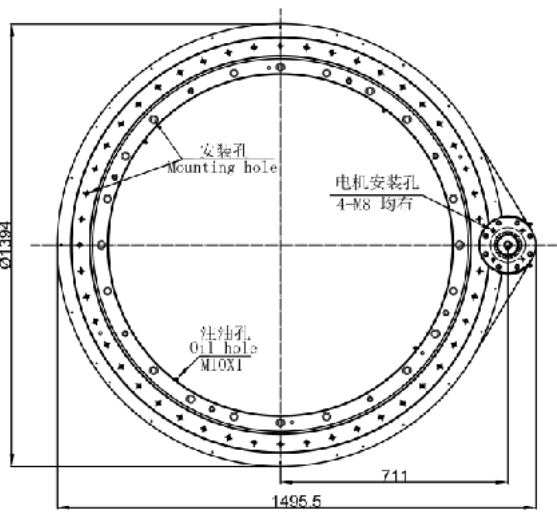
Slewing drive supplied pre-lubricated



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



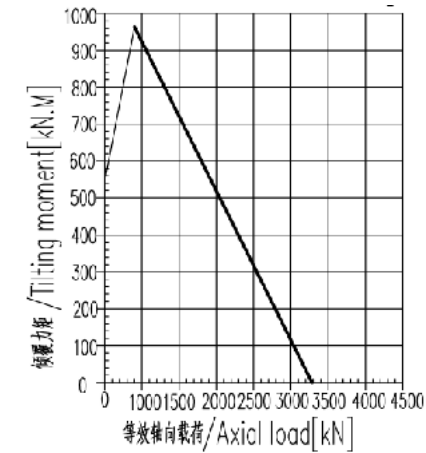
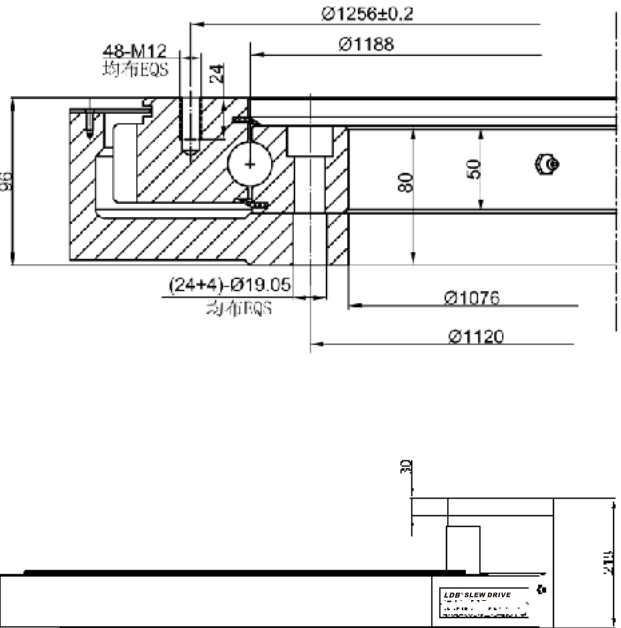
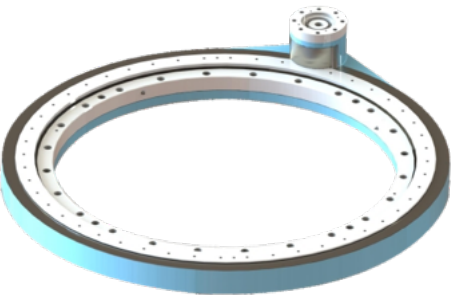
SGH - 1188



模数/Module	m	[mm]	6
齿圈齿数/Teeth number of wheel	z ₂	[-]	222
小齿轮齿数/Teeth number of pinion	z ₁	[-]	15
总传动比/Overall gear ration	i	[-]	14.8
最大扭矩/Max torque	M _{d max}	[Nm]	27838
标准扭矩/Nom torque SF=1 at n=3rpm	M _{d nom}	[Nm]	21674
最大保持扭矩/Max holding torque	M _h	[Nm]	27838
径向额定静载荷/Radial static load	C _{o rad}	[kN]	1095
轴向额定静载荷/Axial static load	C _{o ax}	[kN]	3285
径向额定动载荷/Radial dynamic load	C _{rad}	[kN]	547.5
轴向额定动载荷/Axial dynamic load	C _{ax}	[kN]	1314
输出转速/Output speed	n	[r/min]	0.5~2
最大可达扭矩/Max achievable torque	M _d	[Nm]	27838

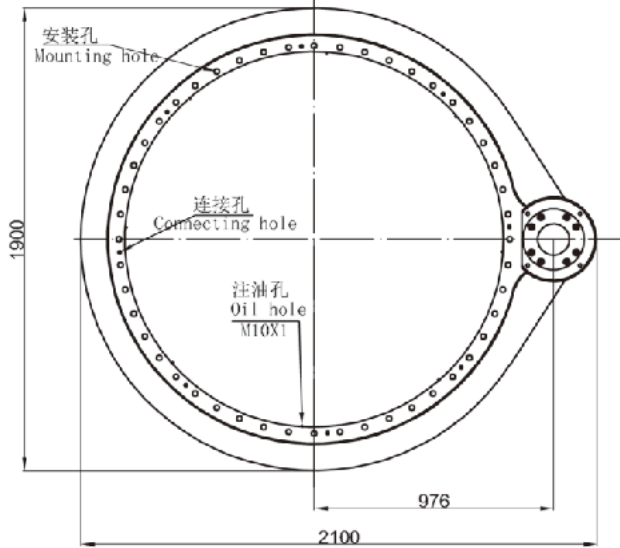
Lubrication following drive
4 M10X1 grease nipples no. 1
2 M10X1 grease nipples no. 2
2 M10X1 grease nipples no. 3

Slewing drive supplied pre-lubricated



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

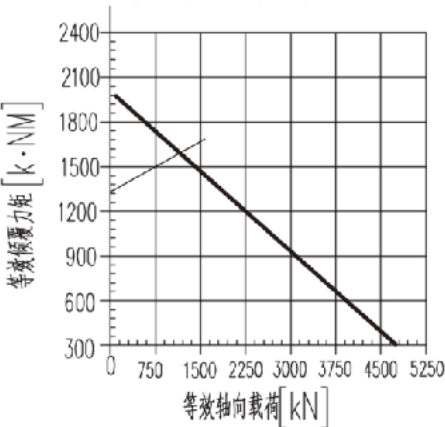
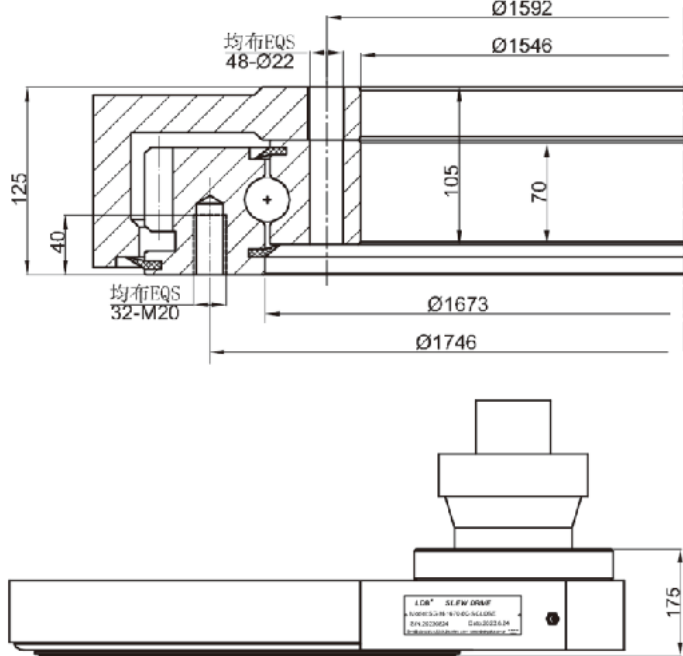
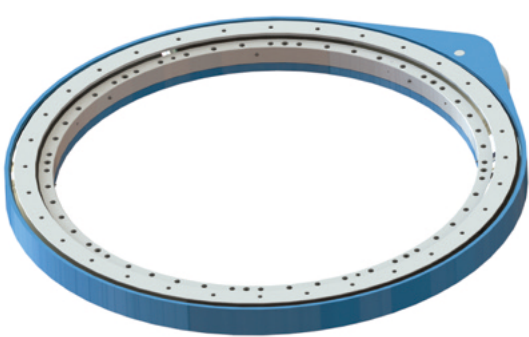
SG-M - 1670



模数/Module	m	[mm]	8
齿圈齿数/Teeth number of wheel	z ₂	[-]	227
小齿轮齿数/Teeth number of pinion	z ₁	[-]	17
总传动比/Overall gear ration	i	[-]	13.35
最大扭矩/Max torque	M _{d max}	[Nm]	33405
标准扭矩/Nom torque	M _{d nom}	[Nm]	23383
最大保持扭矩/Max holding torque	M _h	[Nm]	33405
径向额定静载荷/Radial static load	C _{o rad}	[kN]	1687
轴向额定静载荷/Axial static load	C _{o ax}	[kN]	4728
径向额定动载荷/Radial dynamic load	C _{rad}	[kN]	253
轴向额定动载荷/Axial dynamic load	C _{ax}	[kN]	709
输出转速/Output speed	n	[r/min]	2.5~10
最大可达扭矩/Max achievable torque	M _d	[Nm]	33405

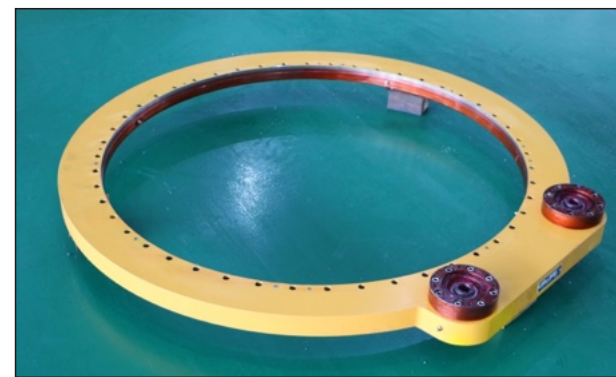
Lubrication following drive
8 M10X1 grease nipples no. 1
2 M10X1 grease nipples no. 2
2 M10X1 grease nipples no. 3

Slewing drive supplied pre-lubricated



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

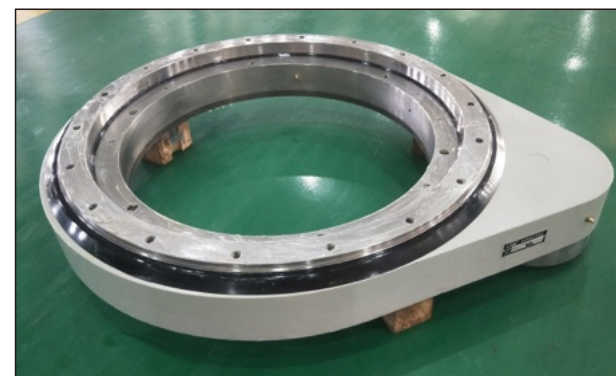
Special customization



Double gear high precision



Matched planetary reducer and motor



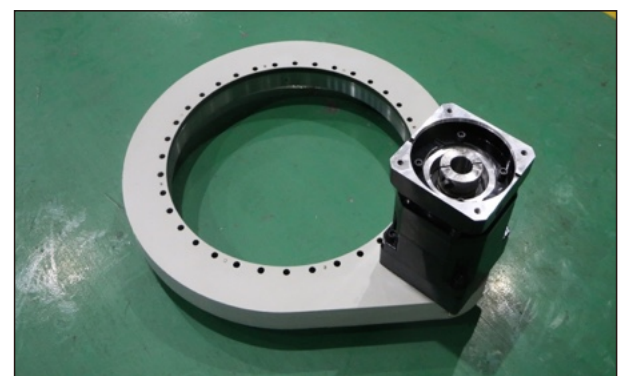
Large load, large output torque



Internal gear, full protection



Heavy load large diameter



Customized reducer interface

Customized double-gear high precision, negative clearance precision helical gear (gear grinding) slewing drive to achieve zero return clearance of customers.

Customized non-standard high precision spur gear (gear grinding) slewing drive, provide matching planetary reducer and motor of customers.

Customized large load, large output torque, precision helical gear (gear grinding) slewing drive, help customers to solve the load problem of machine rotary table.

Customized internal gear, full protection, integrated installation substrate, help customers to reduce the size of equipment, save costs, save the installation and debugging time.