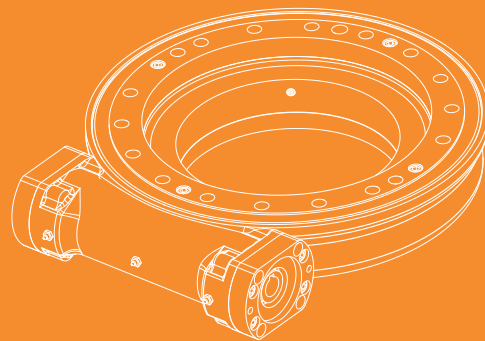




coresundrive.com

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科森传动设备常州有限公司
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Http : www.coresundrive.com



CORESUN DRIVE

科森传动

CORESUN DRIVE

科森传动设备常州有限公司

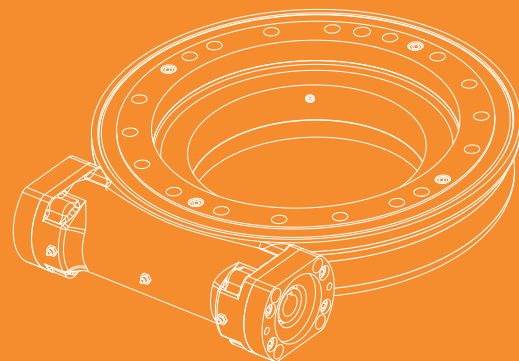


责任

Responsibility

感恩

Thanksgiving



您的满意是我们永恒的追求
Your Satisfaction Is our Eternal Pursuit

COMPANY PROFILE

企业简介

科森—实用型回转驱动、回转支承提倡者

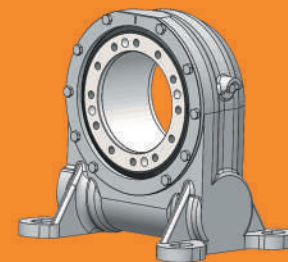
我们致力于研究、开发、应用高质量、精密型传动设备产品。为平单轴、双轴光伏跟踪，槽式、蝶式、聚光系统提供可靠的机械执行部件保障。以专业的产品满足高空作业车、随车吊、抓木机、掘进机、喷雾设备、液压模块车、自动化流水线、风力偏航系统等平稳运行的需要。

科森不仅是您可靠的供应商，更是您真诚的合作伙伴！

CoreSun - Practical Slewing Drive&Slewing Bearing Promoter.

We are committed to researching, developing and applying high quality, precision transmission equipment products,who provides reliable mechanical actuator for horizontal single axis, dual-axis photovoltaic tracking system, CSP,CPV solar tracking design.Our professional and high-quality products will be also applied well as a steady solution on aerial working platform, truck crane, timber grab, drilling rig, spray equipment, hydraulic module vehicle,automated assembly lines, wind yaw systems,etc.

CoreSun is your reliable supplier,even more your sincere partner!



为客户提供

经济实用的传动方案

Providing the **cost-effective**
and **practical** transmission
solutions



产品应用 / Product Application



斜单轴跟踪
Inclined Single Axis Solar Tracker System



双轴PV跟踪
Dual Axis Solar Tracker System



平单轴跟踪 Horizontal Single Axis Solar Tracker



双轴CPV跟踪
Dual Axis CPV Solar Tracker



塔式聚光系统
Solar Tower CPV System



槽式集热系统
Parabolic Heat Collecting System



碟式CSP系统
Solar Dish Tracker System



风涡轮系统
Wind Turbine System

CORESUN DRIVE

To Be Your Sincere Partner

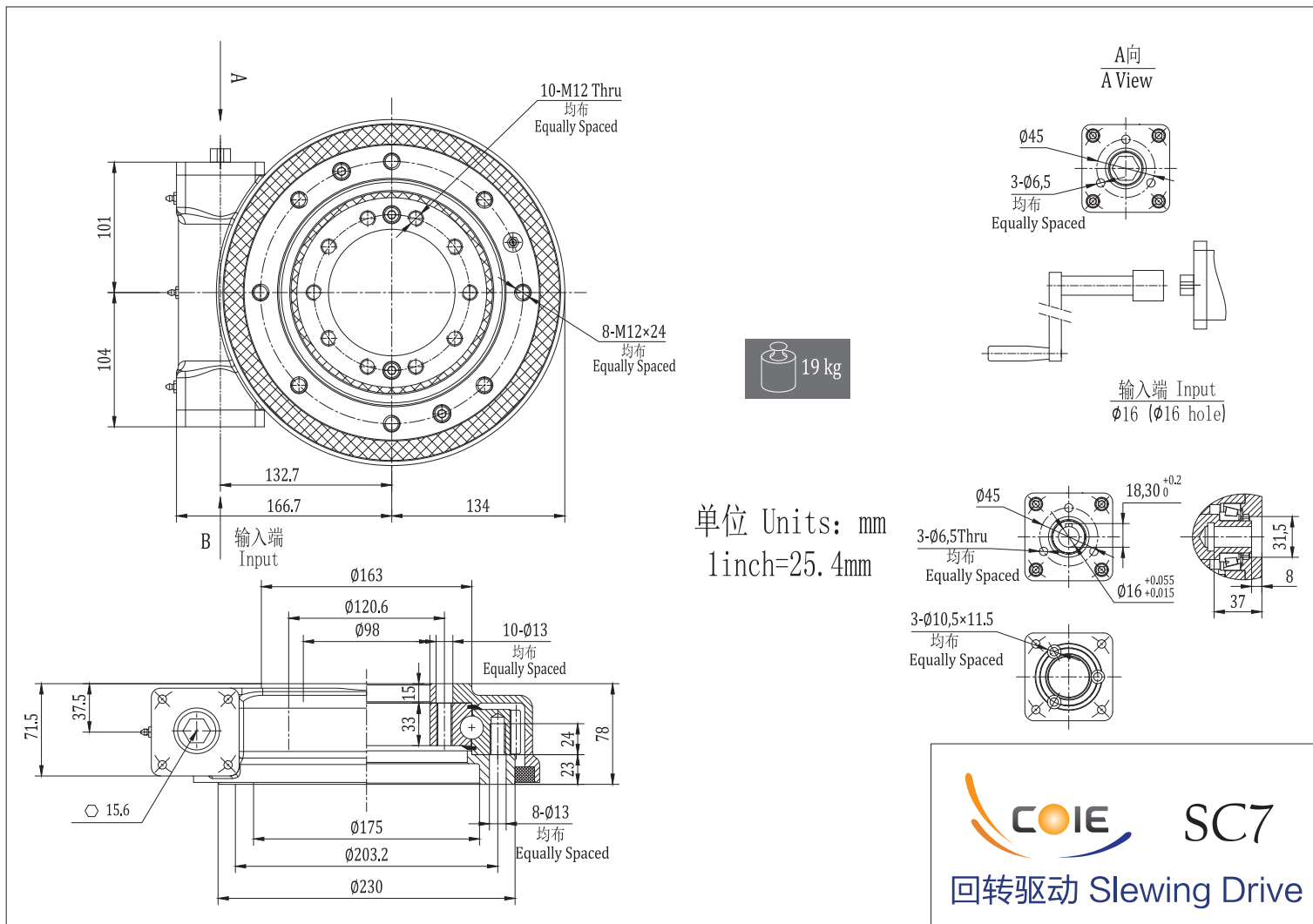




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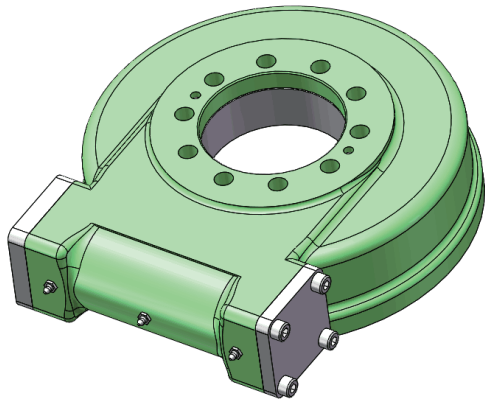
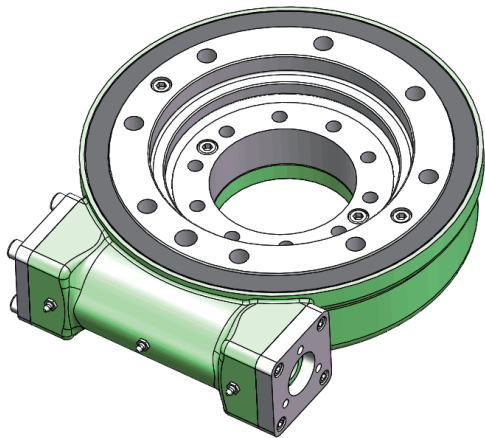




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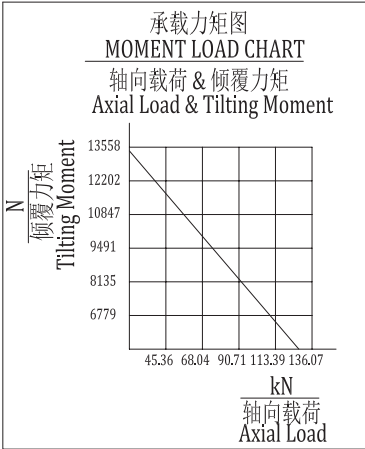
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SC7

回转驱动性能参数
Slewing Drive Performance Parameters

减速比	Gear Ratio	71:1	
最大倾覆力矩	Tilting Moment (max.)	13.5 kN.m	9.96×10^3 lbf.ft
保持力矩	Holding Torque	10.4 kN.m	7.67×10^3 lbf.ft
轴向静载荷	Static Axial Load Rating	133 kN	30×10^3 lbf
径向静载荷	Static Radial Load Rating	53 kN	11.9×10^3 lbf
机械效率	Mechanical Efficiency	40%	
自锁性	Self-locking	可靠的静态自锁Reliable static self-locking	
精度	Precision	$\leq 0.2^\circ$	
防护等级	IP Class	IP65	

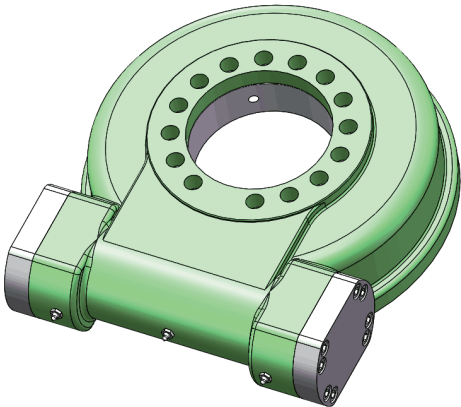
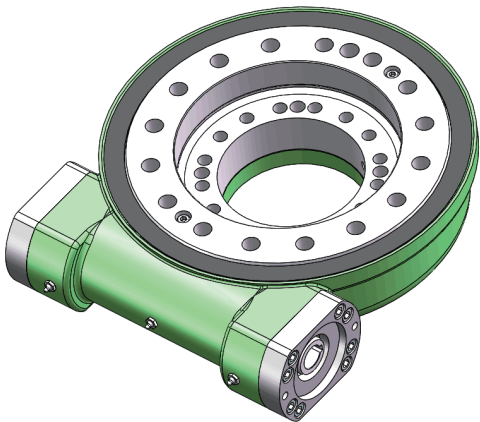




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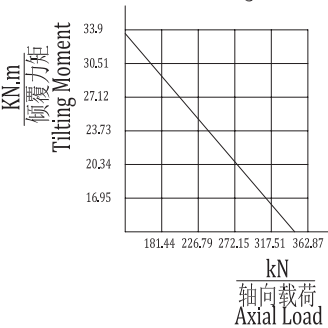
SC9

回转驱动性能参数
Slewing Drive Performance Parameters

减速比	Gear Ratio	61:1	
最大倾覆力矩	Tilting Moment (max.)	33.9 kN.m	25×10 ³ lbf.ft
保持力矩	Holding Torque	38.7 kN.m	28.5×10 ³ lbf.ft
轴向静载荷	Static Axial Load Rating	81 kN	20.3×10 ³ lbf
径向静载荷	Static Radial Load Rating	71 kN	15.9×10 ³ lbf
机械效率	Mechanical Efficiency	40%	
自锁性	Self-locking	可靠的静态自锁Reliable static self-locking	
精度	Precision	≤0.2°	
防护等级	IP Class	IP65	

承载力矩图
MOMENT LOAD CHART

轴向载荷 & 倾覆力矩
Axial Load & Tilting Moment

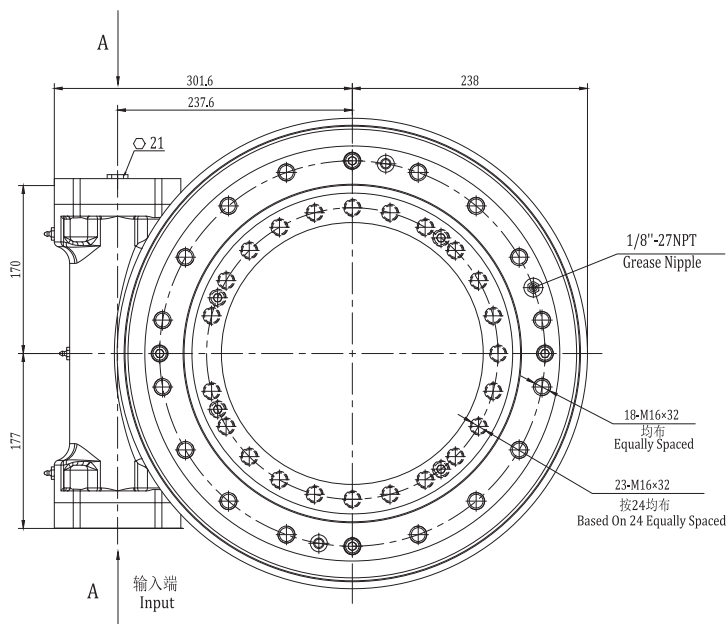




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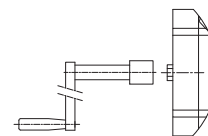
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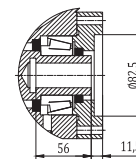
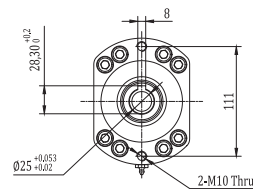
A向/A View

带六角头
With Hex



B向/B View

输入端 Input
Ø25孔 (Ø25 Hole)



单位 Units: mm
1inch=25.4mm

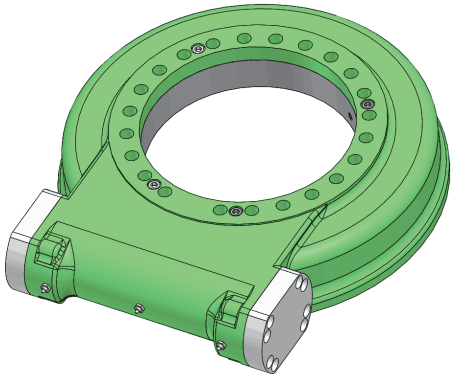
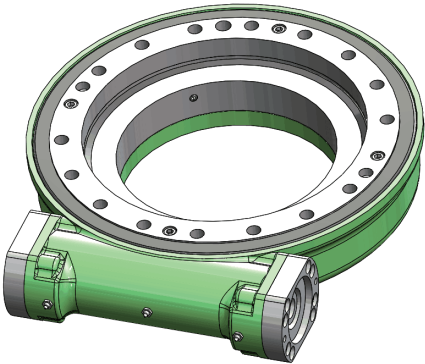
 **SC14**
回转驱动 Slewing Drive



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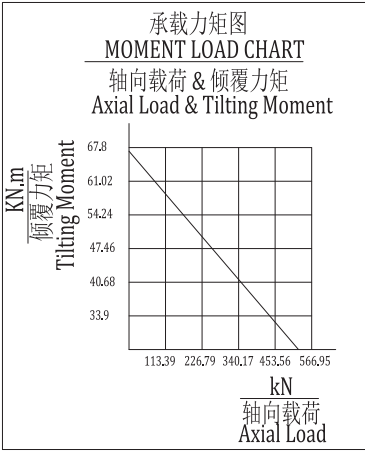
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SC14 回转驱动性能参数
Slewing Drive Performance Parameters

减速比	Gear Ratio	85:1	
最大倾覆力矩	Tilting Moment (max.)	67.8 kN.m	50×10^3 lbf.ft
保持力矩	Holding Torque	48 kN.m	42×10^3 lbf.ft
轴向静载荷	Static Axial Load Rating	555 kN	124.9×10^3 lbf
径向静载荷	Static Radial Load Rating	222 kN	11.9×10^3 lbf
机械效率	Mechanical Efficiency	40%	
自锁性	Self-locking	可靠的静态自锁Reliable static self-locking	
精度	Precision	$\leq 0.2^\circ$	
防护等级	IP Class	IP65	

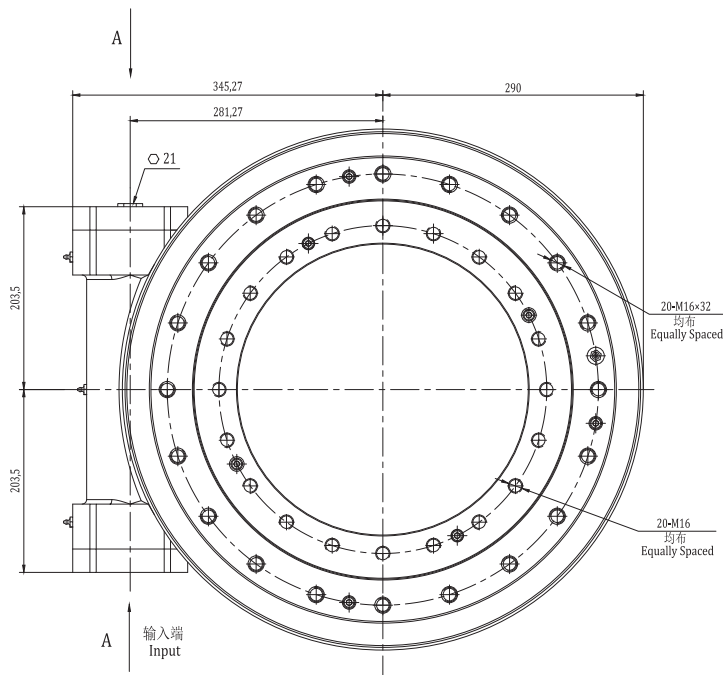




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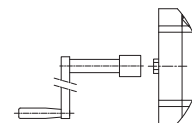
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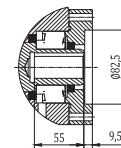
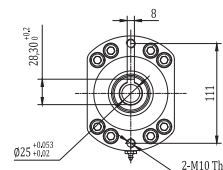
A向/A View

带六角头
With Hex

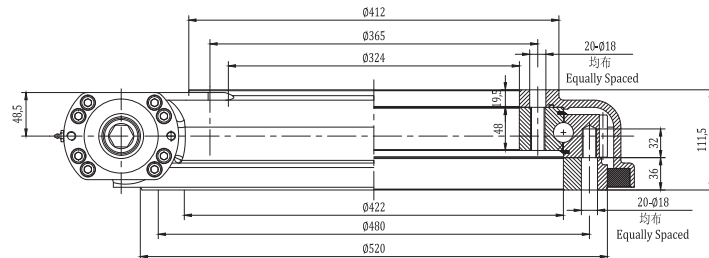


B向/B View

输入端 Input
Φ25孔 (Φ25 hole)



单位 Units: mm
1inch=25.4mm



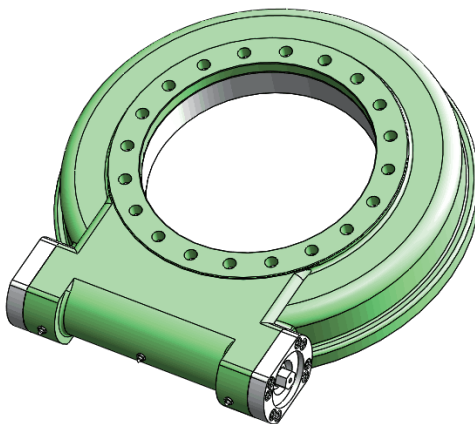
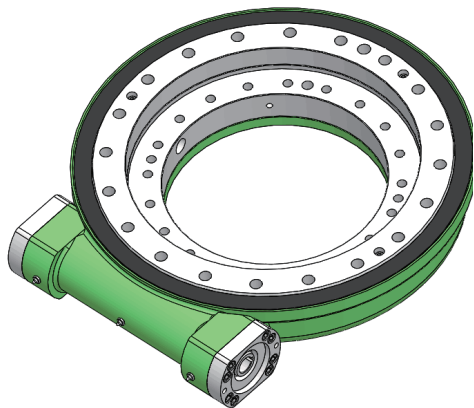
 **SCI17**
回转驱动 Slewing Drive



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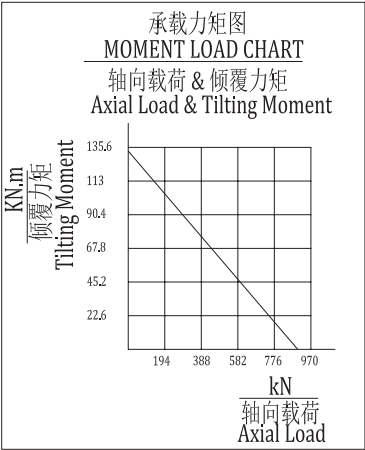
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Http: www.coresundrive.com



SC17 回转驱动性能参数

Slewing Drive Performance Parameters

减速比	Gear Ratio	102:1	
最大倾覆力矩	Tilting Moment (max.)	135.6 kN.m	100×10 ³ lbf.ft
保持力矩	Holding Torque	72.3 kN.m	53×10 ³ lbf.ft
轴向静载荷	Static Axial Load Rating	970 kN	218×10 ³ lbf
径向静载荷	Static Radial Load Rating	390 kN	88×10 ³ lbf
机械效率	Mechanical Efficiency	40%	
自锁性	Self-locking	可靠的静态自锁Reliable static self-locking	
精度	Precision	≤0.2°	
防护等级	IP Class	IP65	

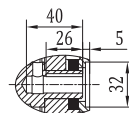
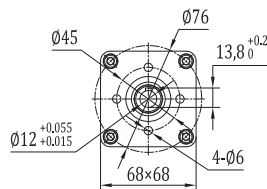
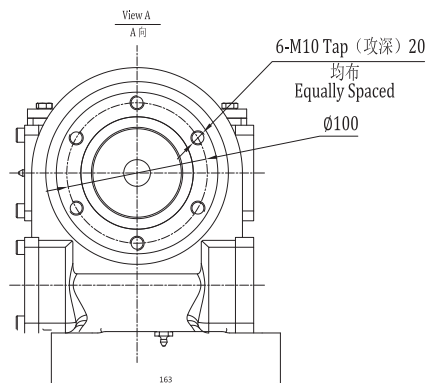
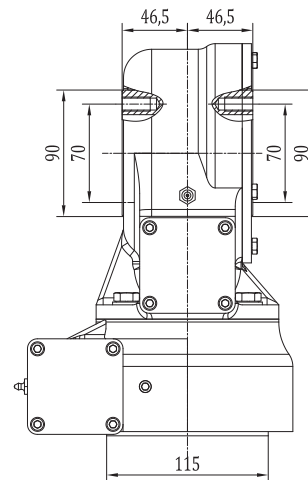
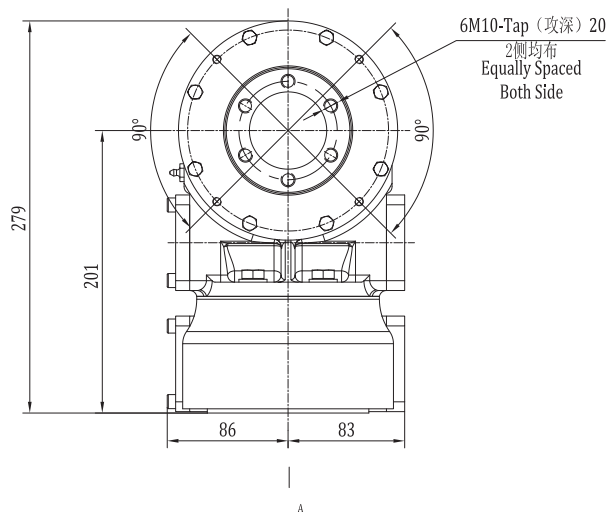




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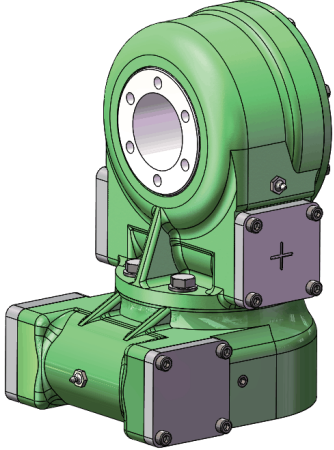
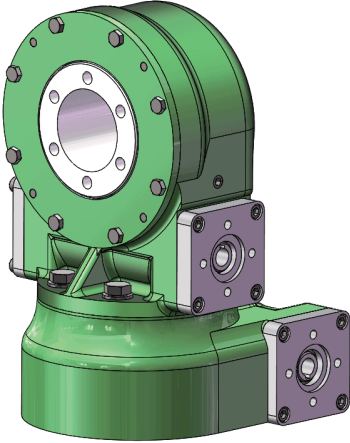
 **SVH3**
回转驱动 Slewing Drive



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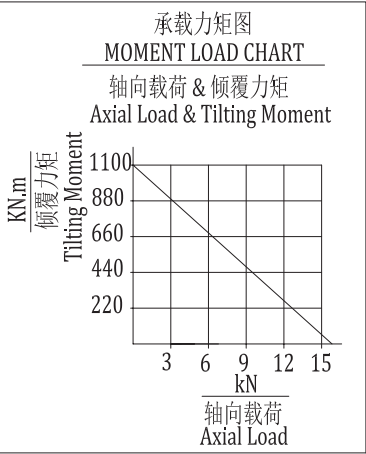
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SVH3 回转驱动性能参数
Slewing Drive Performance Parameters

减速比	Gear Ratio	62:1	
最大倾覆力矩	Tilting Moment (max.)	0.5 kN.m	0.37×10^3 lbf.ft
保持力矩	Holding Torque	2 kN.m	1.5×10^3 lbf.ft
轴向静载荷	Static Axial Load Rating	30 kN.m	6.7×10^3 lbf.ft
径向静载荷	Static Radial Load Rating	15 kN.m	3.3×10^3 lbf.ft
机械效率	Mechanical Efficiency	30%	
自锁性	Self-locking	可靠的静态自锁Reliable static self-locking	
精度	Precision	$\leq 0.2^\circ$	
防护等级	IP Class	IP55	

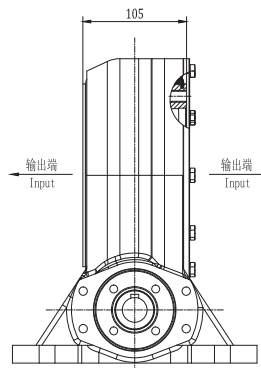
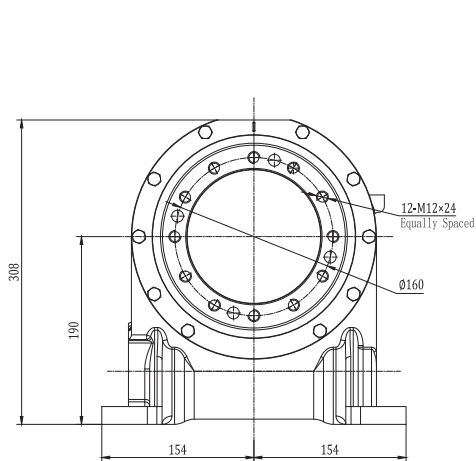




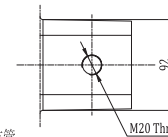
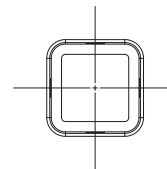
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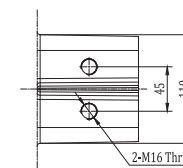
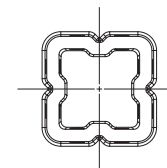
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Export

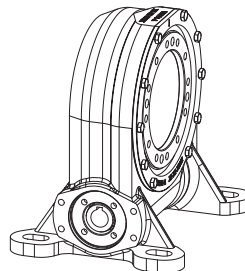
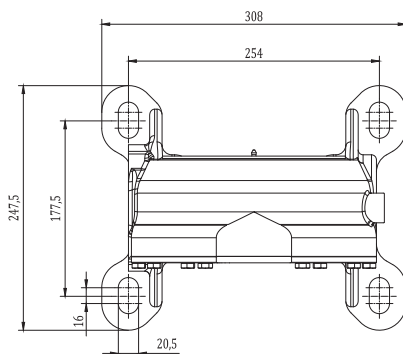


92方管
92 Square Tube

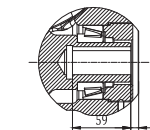
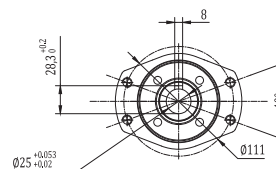


110方管
110 Square Tube

单位 Units: mm
1inch=25.4mm



输入端
Export



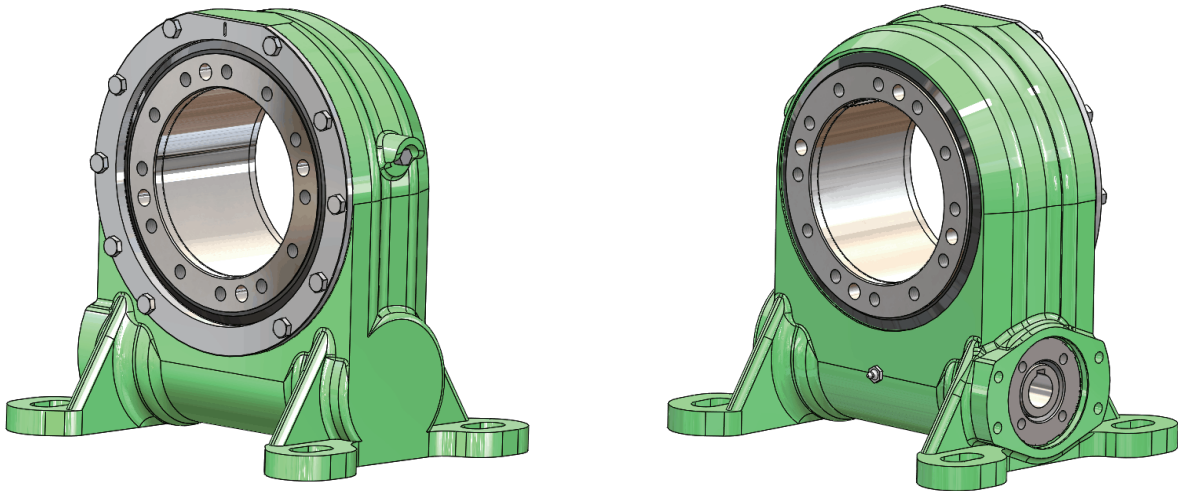
 **VH7**
回转驱动 Slewing Drive



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VH7 回转驱动性能参数
Slewing Drive Performance Parameters

减速比	Gear Ratio	60:1	
最大倾覆力矩	Tilting Moment (max.)	8 kN.m	5.9×10 ³ lbf.ft
保持力矩	Holding Torque	35 kN.m	25.8×10 ³ lbf.ft
轴向静载荷	Static Axial Load Rating	100 kN	22.5×10 ³ lbf
径向静载荷	Static Radial Load Rating	65kN	14.6×10 ³ lbf
机械效率	Mechanical Efficiency	40%	
自锁性	Self-locking	可靠的静态自锁Reliable static self-locking	
机械限位	Hard limit	±60°（可定制）Customized	
精度	Precision	≤0.2°	
防护等级	IP Class	IP65	



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回转支承 Slewing Bearing / Ring



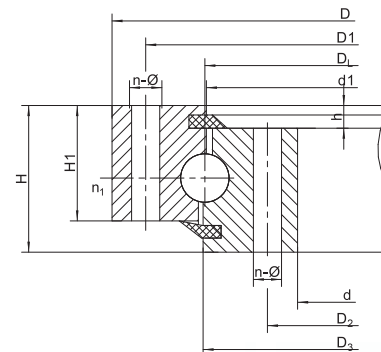
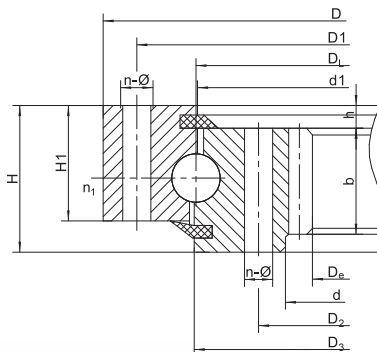
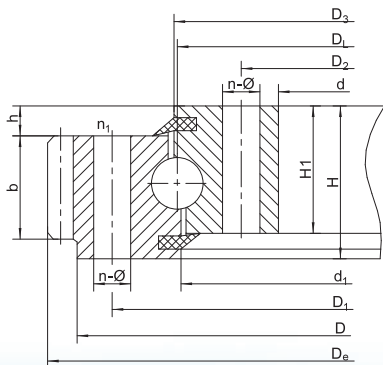
Outer Teeth 外齿型



Inner Teeth 内齿型



No Teeth 无齿型





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回转支承尺寸表 Slewing Ring Dimension

基本型号 Model			外形尺寸 Outer Dimension			安装尺寸 Mounting Dimension				结构尺寸 Structure Dimension					齿轮参数 Gear Data			外齿参数 Outer Teeth Data		内齿参数 Inner Teeth Data		齿轮圆力 Gear Circumferential Force	
无齿式 No Teeth DL mm	外齿式 Outer Teeth DL mm	内齿式 Inner Teeth DL mm	D mm	d mm	H mm	D1 mm	D2 mm	n	Φ mm	n1	D3 mm	d1 mm	H1 mm	h	b mm	x	m mm	De mm	z	De mm	z	正火 Z 104 N	调质 T 104 N
010.20.200	010.20.200	-	280	120	60	248	152	12	16	2	201	199	50	10	40	0	3	300	98	-	-	-	-
010.20.224	010.20.224	-	301	144	60	272	176	12	16	2	225	223	50	10	40	0	3	321	105	-	-	-	-
010.20.250	010.20.250	-	330	170	60	298	202	18	16	2	251	249	50	10	40	0	4	352	86	-	-	-	-
010.20.280	010.20.280	-	360	200	60	328	232	18	16	2	281	279	50	10	40	0	4	384	94	-	-	-	-
010.25.315	010.25.315	010.25.315	408	222	70	372	258	20	18	2	316	314	60	10	50	0	5	435	85	190	40	<u>2.9</u>	<u>4.4</u>
010.25.355	010.25.355	010.25.355	448	262	70	412	298	20	18	2	356	354	60	10	50	0	5	475	93	235	49	<u>2.9</u>	<u>4.4</u>
010.25.400	010.25.400	010.25.400	493	307	70	457	343	20	18	2	401	399	60	10	50	0	6	528	86	276	48	<u>3.5</u>	<u>5.3</u>
010.25.450	010.25.450	010.25.450	543	357	70	507	393	20	18	2	451	499	60	10	50	0	6	576	94	324	56	<u>3.5</u>	<u>5.3</u>
010.30.500	010.30.500	010.30.500	602	398	80	566	434	20	18	4	501	498	70	10	60	0.5	5	629	123	367	74	3.7	5.2
	010.30.500	010.30.500															6	628.8	102	368.4	62	4.5	6.2
010.25.500	010.25.500	010.25.500	602	398	80	566	434	20	18	4	501	499	70	10	60	0.5	5	629	123	367	74	3.7	5.2
	010.25.500	010.25.500															6	628.8	102	368.4	62	4.5	6.2
010.30.560	010.30.560	010.30.560	662	458	80	626	494	20	18	4	561	558	70	10	60	0.5	6	689	135	427	86	3.7	5.2
	010.30.560	010.30.560															8	688.8	112	428.4	72	4.5	6.2
010.25.560	010.25.560	010.25.560	662	458	80	626	494	20	18	4	561	558	70	10	60	0.5	6	772.8	135	427	86	3.7	5.2
	010.25.560	010.25.560															8	774.4	112	428.4	72	4.5	6.2
010.30.630	010.30.630	010.30.630	732	528	80	696	564	24	18	4	631	628	70	10	60	0.5	6	772.8	126	494.4	83	4.5	6.2
	010.30.630	010.30.630															8	774.4	94	491.2	62	6	8.3
010.25.630	010.25.630	010.25.630	732	528	80	696	564	24	18	4	631	629	70	10	60	0.5	8	850.8	126	494.4	83	4.5	6.2
	010.25.630	010.25.630															10	845.4	94	491.2	62	6	8.3
010.30.710	010.30.710	010.30.710	812	608	80	776	644	24	18	4	711	708	70	10	60	0.5	8	850.8	139	572.4	96	4.5	6.2
	010.30.710	010.30.710															10	854.4	104	571.2	72	6	8.3
010.25.710	010.25.710	010.25.710	812	608	80	776	644	24	18	4	711	708	70	10	60	0.5	8	966.4	139	572.4	96	6	6.2
	010.25.710	010.25.710															10	968	104	571.2	72	8	8.9
010.40.800	010.40.800	010.40.800	922	678	100	878	722	30	22	6	801	798	90	10	80	0.5	8	966.4	118	635.2	80	8	11.1
	010.40.800	010.40.800															10	968	94	634	64	10	14
010.30.800	010.30.800	010.30.800	922	678	100	878	722	30	22	6	801	798	90	10	80	0.5	8	966.4	118	635.2	80	8	11.1
	010.30.800	010.30.800															10	968	94	634	64	10	14
010.40.900	010.40.900	010.40.900	1022	778	100	978	822	30	22	6	901	898	90	10	80	0.5	8	1062.4	130	739.2	93	8	11.1
	010.40.900	010.40.900															10	1068	101	734	74	10	14
010.30.900	010.30.900	010.30.900	1022	778	100	978	822	30	22	6	901	898	90	10	80	0.5	10	1062.4	130	739.2	93	8	11.1
	010.30.900	010.30.900															12	1068	104	734	74	10	14
010.40.1000	010.40.1000	010.40.1000	1122	878	100	1078	922	36	22	6	1001	998	90	10	80	0.5	10	1188	116	824	83	10	14
	010.40.1000	010.40.1000															12	1185.6	96	820.8	69	12	16.7
010.30.1000	010.30.1000	010.30.1000	1122	878	100	1078	922	36	22	6	1001	998	90	10	80	0.5	10	1188	116	824	83	10	14
	010.30.1000	010.30.1000															12	1185.6	96	820.8	69	12	16.7
010.40.1120	010.40.1120	010.40.1120	1242	998	100	1198	1042	36	22	6	1121	1118	90	10	80	0.5	10	1298	127	944	95	10	14
	010.40.1120	010.40.1120															12	1305.6	106	940.8	79	12	16.7
010.10.1120	010.10.1120	010.10.1120	1242	998	100	1198	1042	36	22	6	1121	1118	90	10	80	0.5	10	1298	127	944	95	10	14
	010.10.1120	010.10.1120															12	1305.6	106	940.8	79	12	16.7
010.45.1250	010.45.1250	010.45.1250	1390	1110	110	1337	1163	40	26	5	1252	1248	100	10	90	0.5	12	1449.6	118	1048.8	88	13.5	18.8
	010.45.1250	010.45.1250															14	1453.2	101	1041.6	75	15.8	21.9