



DIN EN ISO 9001:2000

HMEC[®]

SLEWER[™]

Slew Drive



SlewDrive^{.com}
www.SlewingDrive.com



CERTIFICATE

The TÜV CERT Certification Body
of TÜV Industrie Service GmbH
TÜV Rheinland Group

certifies in accordance with
TÜV CERT procedures that

HMEC Power Transmission Co., Ltd.
7-D Suntime International Mansion, 450 Fushan Road,
Pudong, Shanghai 200122, P. R. China

has established and applies a quality management system for

**Sales of General Bearings (including Slewing Rings,
Middle/Big-Size & Out-size Bearings, Special Bearings & etc.) Automobile
Bearings (including Wheel Hub Assemblies, clutch release bearing,
tensioner bearing & etc.) Automobile Motors & Components
(Alternators, Starters, Drives, Armature, Stator, Rotor, Carbon Brush etc.) ,
and other Power Transmission Equipments & Industrial Parts.**

An audit was performed, Report No. 038997.

Proof has been furnished that the requirements according to

DIN EN ISO 9001:2000

are fulfilled.

The certificate is valid until 2010-12-13

Certificate Registration No. 01 100 038997



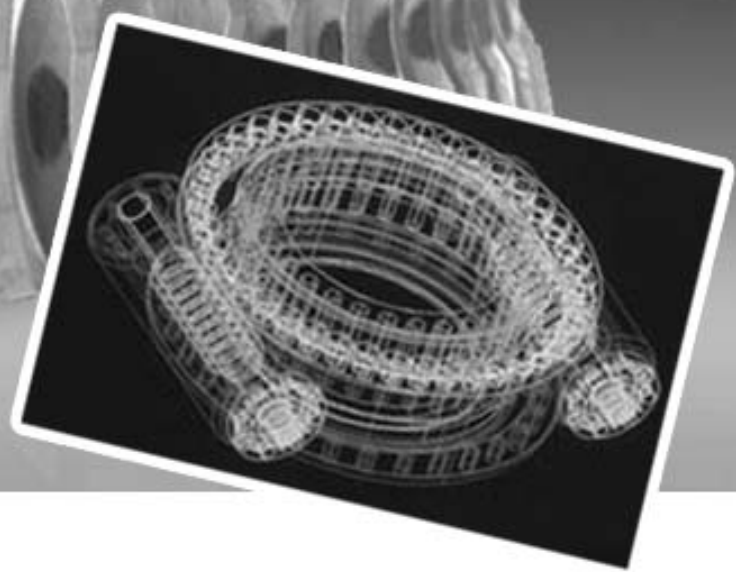
Cologne, 14/12/2004



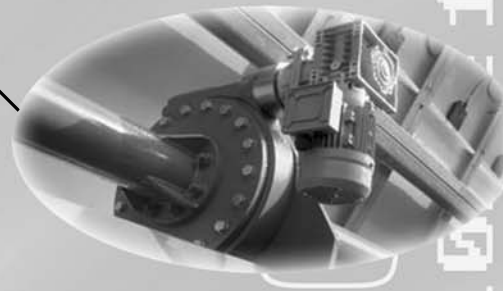
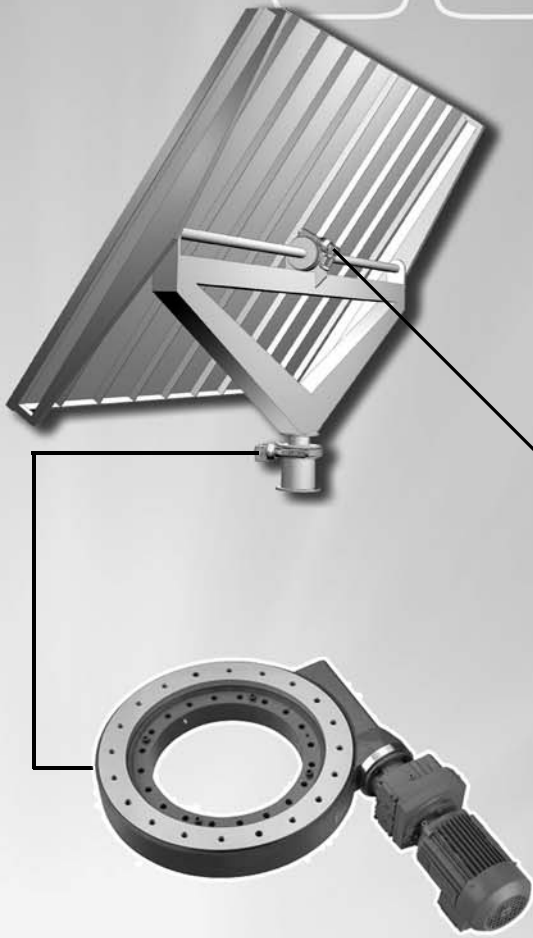
TÜV Rheinland Group

TÜV CERT Certification Body of
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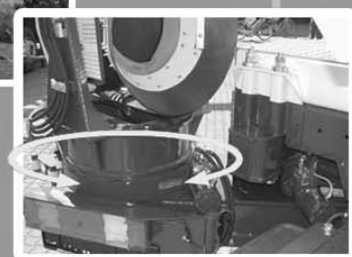
Slew Drive



Advantages of Sleew Drives

- Compact packages for space saving installations
- Maximum load capacity in compact design
- Extended life
- Reduced maintenance costs
- Easy to integrate into existing applications
- Modular construction allows very quick modifications
- Special designs available

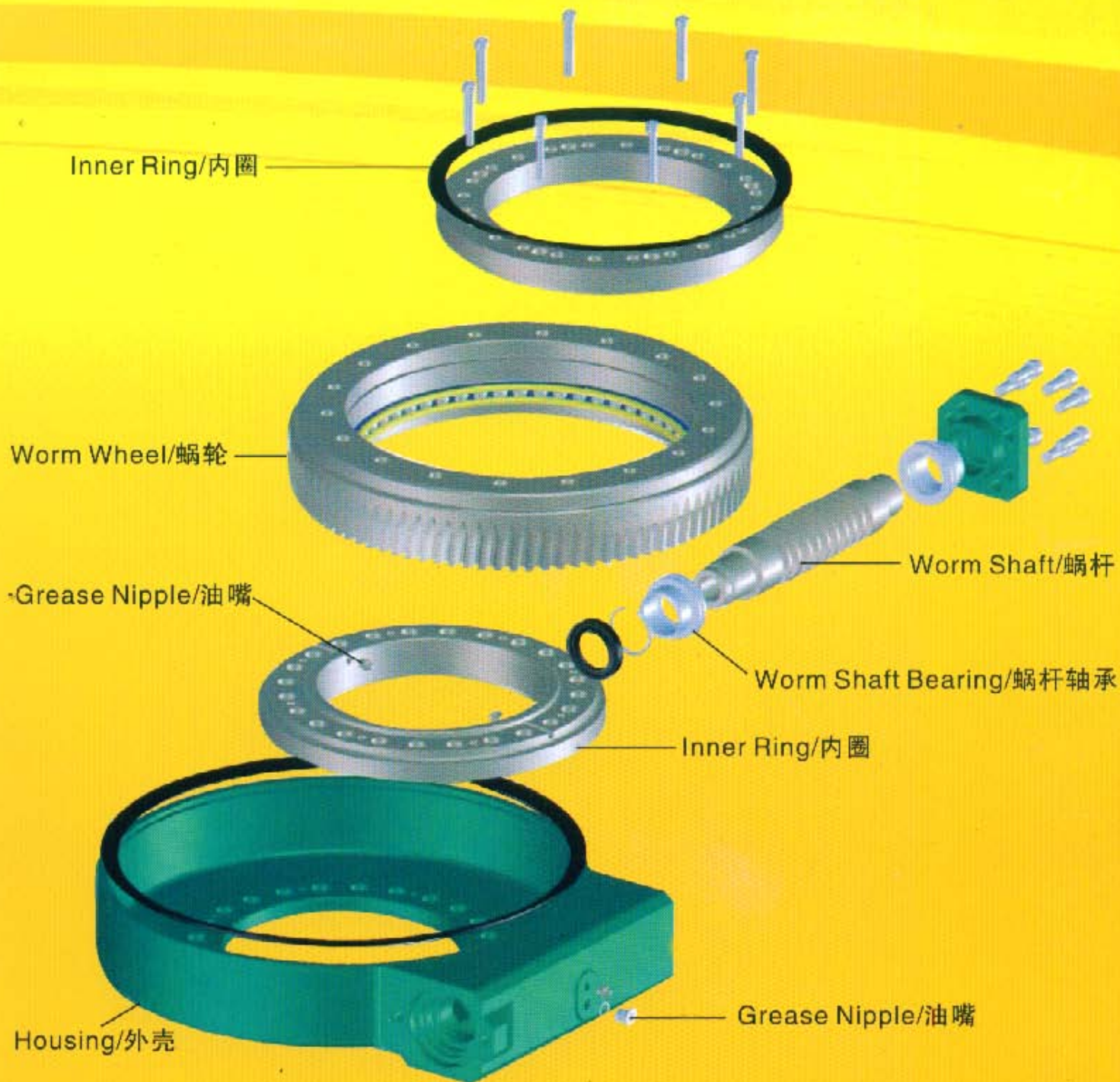




Applications:

- Solar trackers
- Wind turbine
- Vehicle and crane steering systems
- Loading and unloading devices
- Positioning systems/turntables

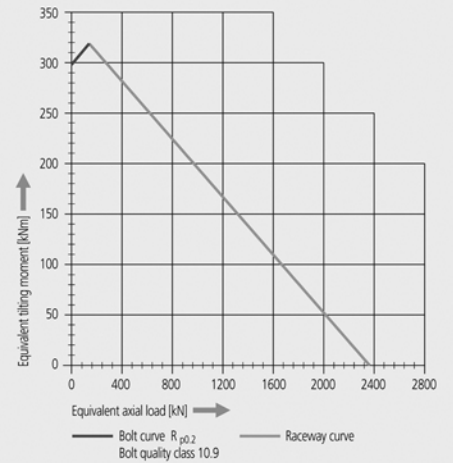
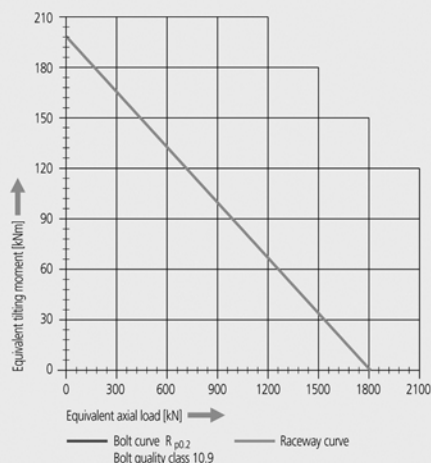
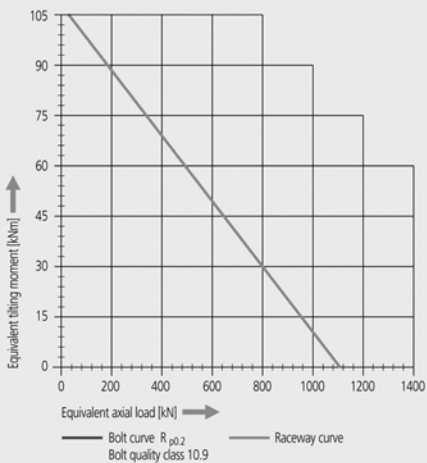
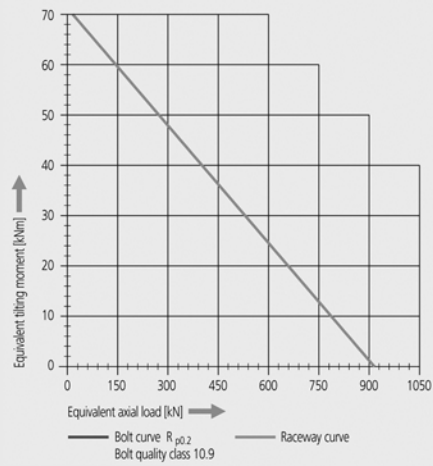
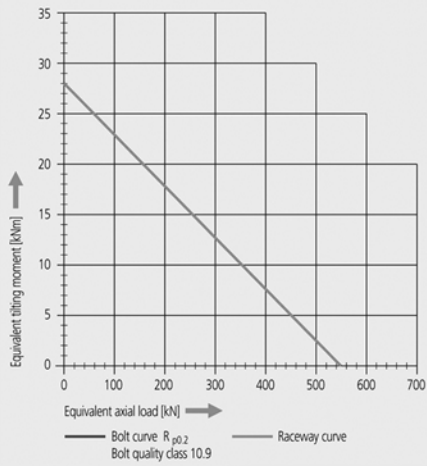
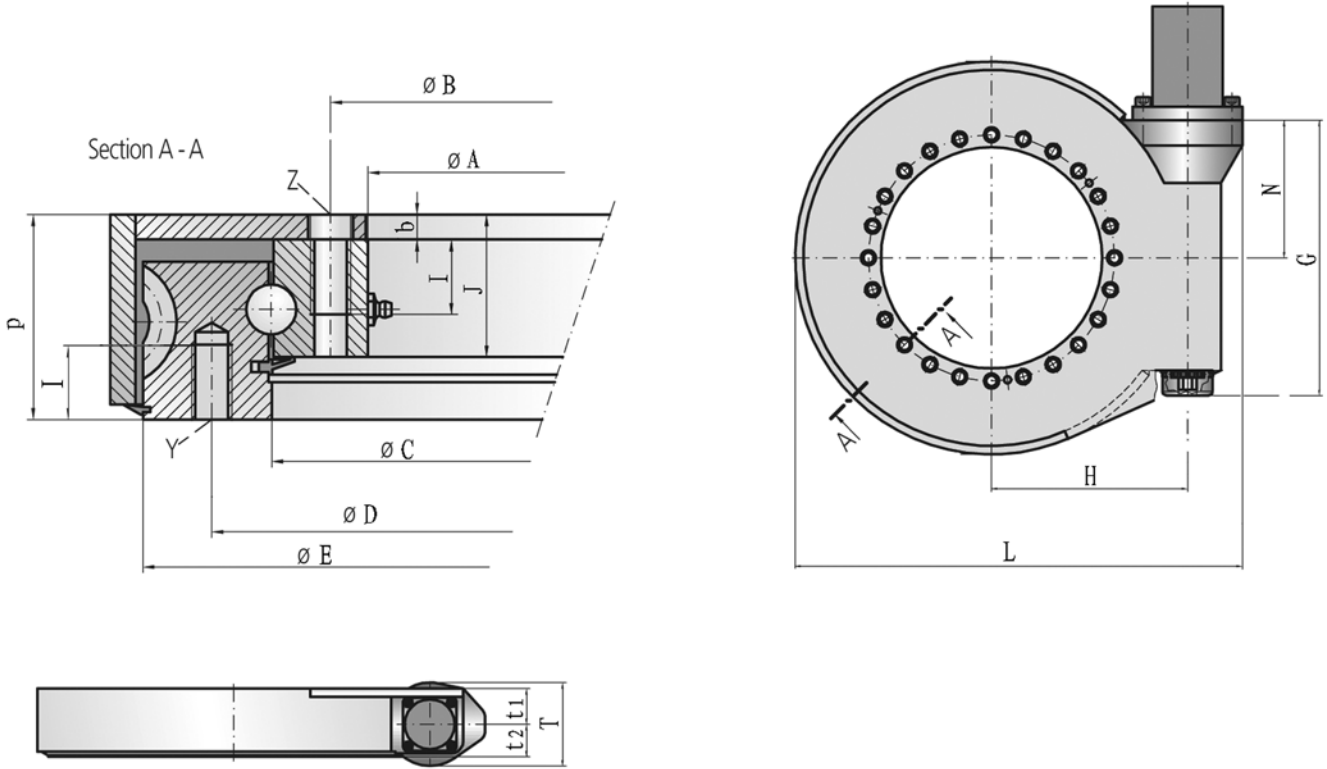




According to the different position of sun within a day, slew drive can make solar photovoltaic rotate fro and around or up and down in 270 degree. Compare with traditional design, slew drive raises more than 35% generated power, can be used in many solar power stations all over the world, over long life can ensure the equipment continuous operation more than 25 years.

根据一天之中太阳位置的不同，回转驱动可以实现其太阳能电池板组件270度上下、左右旋转。与传统设计相比在发电功率比提高了35%以上，应用于目前全世界转换效率较高的太阳能发电系统中，超长的使用寿命可以保证设备连续运作25年以上。

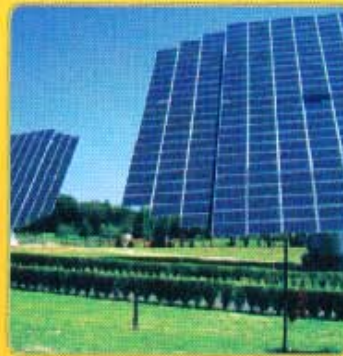
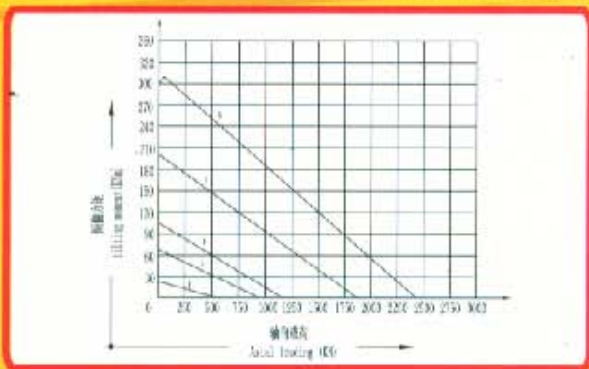
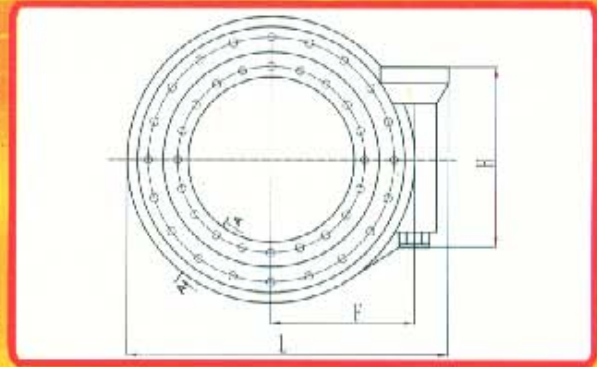
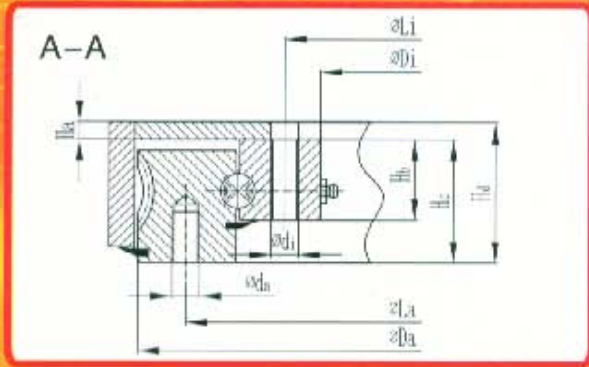
SD-L Series



Slew Drives

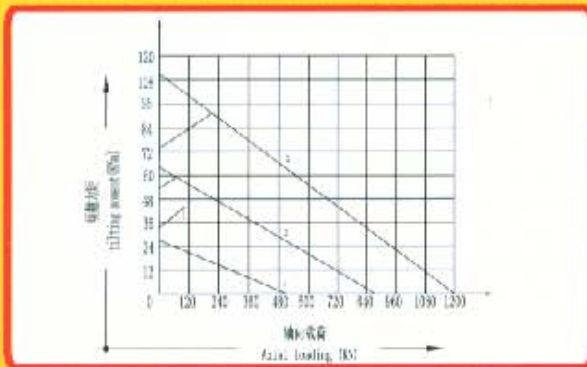
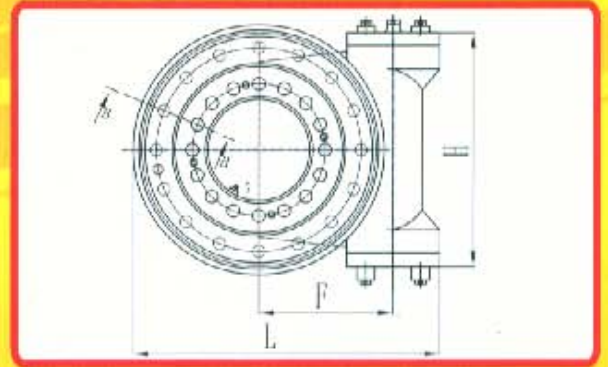
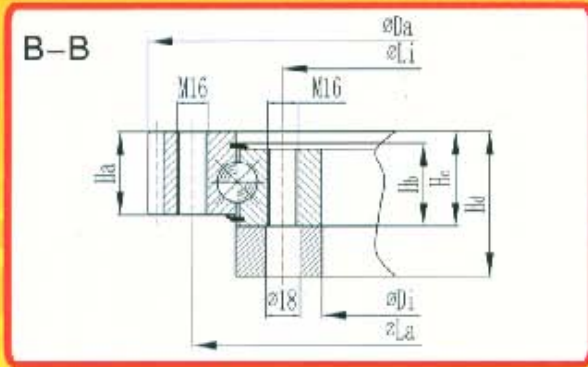
回转驱动

L Series/L系列



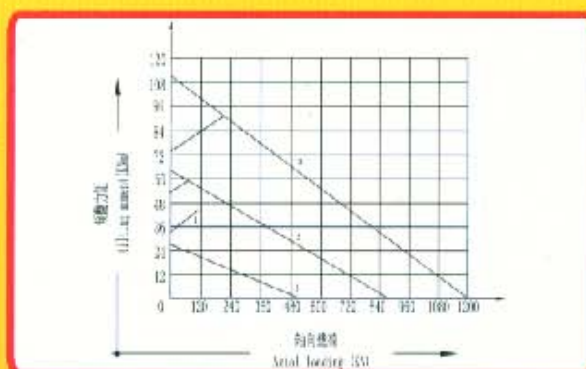
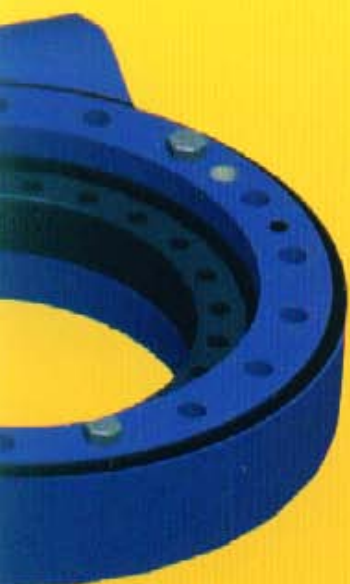
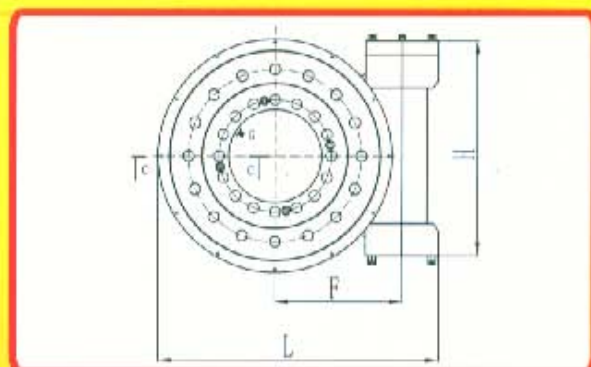
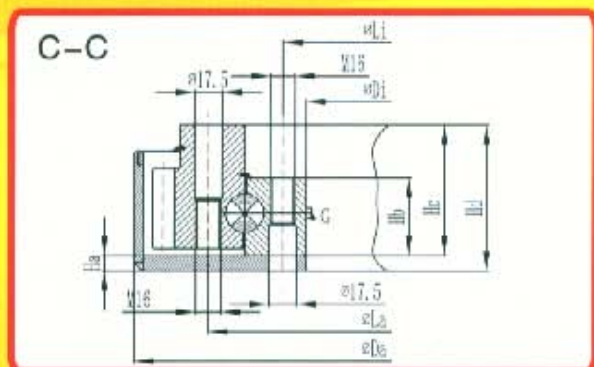
型号 Type	基本尺寸 Basic dimensions									安装孔 Fixing holes					扭矩 Torque		速比 Ratio	重量 Weigh	
	Da mm	Di mm	L mm	F mm	H mm	Ha mm	Hb mm	Hc mm	Hd mm	La mm	na n°	da mm	Li mm	ni n°	di mm	正常 NOM.			最大 MAX.
SD-L-01	325	145	416.5	175	307	10	47	72	82	270	16	M16	175	15	M16	4795	9303	62:1	48
SD-L-02	445	265	536.5	235	330	10	47	72	82	390	18	M16	295	24	M16	10150	12095	86:1	72
SD-L-03	535	324	626.5	280	354	10	47	72	82	479.5	20	M16	365	20	M16	13096	15606	104:1	89
SD-L-04	580	380	674	305	410	15	58	93	108	520	32	M16	420	32-1	M18	20381	24288	93:1	130
SD-L-05	749	525	852.5	392	550	20	60	110	130	675	24	M20	565	24	M20	35935	42824	104:1	250

● O Series/O系列



型号 Type	基本尺寸 Basic dimensions									安装孔 Fixing holes				扭矩 Torque		速比 Ratio	重量 Weight
	Da mm	Di mm	L mm	F mm	H mm	Ha mm	Hb mm	Hc mm	Hd mm	La mm	na n°	Li mm	ni n°	正常 NOM.	最大 MAX.		
SD-O-01	316.6	134	404.6	177.5	310	44	44	50	77	270	16	16	175	2800	4500	60:1	51
SD-O-02	437.3	258	526	237.6	341	44	44	50	80	390	18	18	295	3640	6400	85:1	65
SD-O-03	527.8	300	617	282.8	388	51	51	60	91	479.4	20	20	365	8900	15000	103:1	80

● H Series/H系列



型号 Type	基本尺寸 Basic dimensions									安装孔 Fixing holes				扭矩 Torque		速比 Ratio	重量 Weight
	Da mm	Di mm	L mm	F mm	H mm	Ha mm	Hb mm	Hc mm	Hd mm	La mm	na n°	Li mm	ni n°	正常 NOM.	最大 MAX.		
SD-H-01	365	145	438	-	336	10	50	84	94	270	16	175	16	2980	5100	65:1	51
SD-H-02	455	265	530	237.6	356	10	50	80	90	390	18	295	24	3640	6400	85:1	59
SD-H-03	575	324	645.5	293	382	15	60	83	98	479.4	20	365	20	9350	16400	107:1	110



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