

GEARBOX

行星减速机



 賽克思液壓



公司介绍

COMPANY PROFILE

减速机是浙江赛克思液压有限公司旗下的核心产品。公司拥有回转、行走、卷扬等系列，输出扭矩从1.7w-22w/Nm，超几十个规格的减速机产品。公司产品广泛应用于工程机械、船舶机械、矿山机械等领域。

赛克思减速机引进国际先进自动化磨齿机、五轴数控加工中心机床、五轴数控高速滚齿机、高速数控插齿机、高速刮齿机、立卧式双工作台加工中心、卧式立式数控车床等世界先进的精密加工设备和高精度齿轮检测设备，导入精益管理方式，满足高精度齿轮和精密减速机零件的加工流程。同时可实现柔性生产，满足不同客户对各类减速机及其零配件定制需求。

浙江赛克思液压有限公司于2014年成立，注册资本为5亿元，已通过ISO9001质量体系认证，是国家高新技术企业，并建立了省级高新技术研究开发中心、高端液压研究院。公司占地约160亩，建有标准化厂房及配套设施约10.5万平方。主要从事减速机、液压元件及零件的设计、研发、生产、销售等。

赛克思减速机欢迎各界朋友莅临参观、指导和业务洽谈！

销售热线：0573-89979665

精心、精益、精品

Gearbox is the core product of Zhejiang SKS Hydraulic Co., Ltd. Our company owns slewing type, traveling type and winch type, for which the output torques are from 1.7w-22w/Nm with more than dozens of specifications. These products are widely used in construction machinery, marine machinery, mining machinery, etc.

SKS gearbox production plant imported lot of the world-class advanced machining equipment.

- International advanced automatic gear grinding machine
- Five-axis CNC machine tool
- Five-axis CNC high-speed gear hobbing machine
- High-speed CNC gear shaper
- High-speed gear scraping machine
- Vertical and horizontal double worktable machine

And use high-precision gear inspection equipment, adopt the LPS management mode, to meet the machining process of the high-precision gear and the gearbox parts.

At the same time, our flexible production can be realized to meet the customized requirements of different customers for various gearbox and spare parts.

Zhejiang SKS Hydraulic Co., Ltd. founded in 2014, has got the ISO9001 quality system certification with a registered capital of RMB 0.5 billion yuan, which is a national high-tech enterprise, established the provincial high-tech R & D center and high-end hydraulic research institute. Our company covers an area of about 106,666 m², in which the standardized workshop and supporting facilities with about 105,000 m² have been built. Our company is mainly engaged in the design, R & D, production and sales of gearbox, hydraulic components and parts.

SKS Gearbox warmly welcomes all friends to visit, guide and negotiate!

目录

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GEARBOX

SW/T 3B 系列行星减速器采用二级和三级行星轮结构设计，内置多片式停车制动器，结构紧凑、满装型行星齿轮轴承及高承载能力的轴承能吸收来自负载的冲击力，安装方便，适用于工程机械、建筑机械、矿山机械等驱动装置。

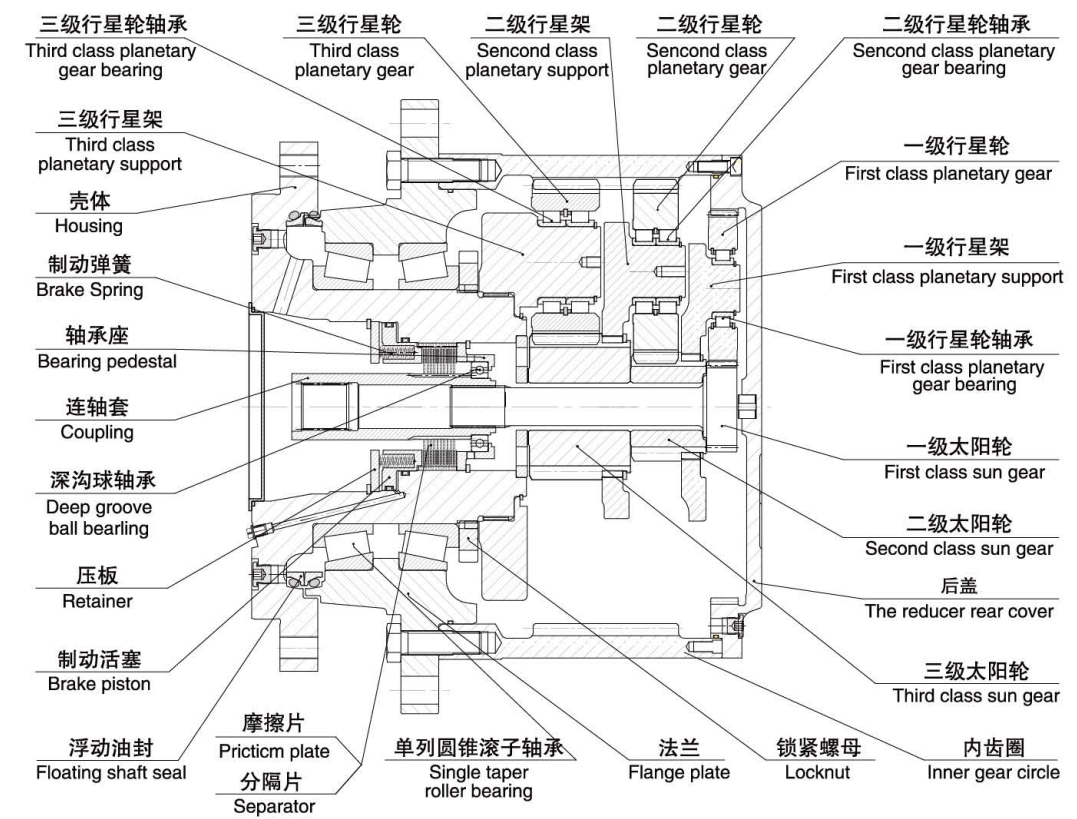
- Compact, space-saving planetary gearbox design
- Planet wheel carried in full-complement bearings
- Robust bearing system absorbing the forces exerted by the cable pull
- Simple mounting
- Integrated multiplate parking device
- ST/W/B3B winch drives are used in all kinds of winches
- mobile and crawler cranes, railroad cranes, shipboard, dockside and container cranes.



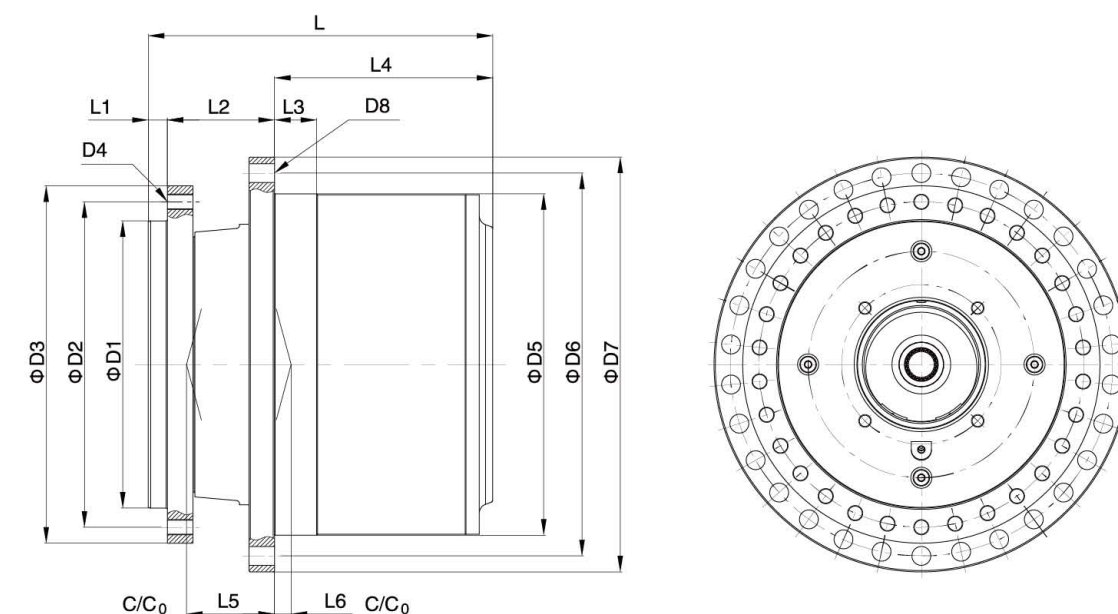
技术参数 / Specification

SKS型号 Model	参考型号 Model	输出扭矩 Output torque	传动比 Speed ratio	静态制动力矩 Holding torque	相匹配的液压马达 Recommended motor		重量 Weight
SW3B5190	GFW5190F	105000	121.1	1448	A6VM200/ A2FE(107/125)	A6VE(160/170)	430
ST3B8190	GFT8190F	130000	168/209		A2FE(125/160)		450
SW3B0220	GFT220	200000	97.7/145.4/188.9/246.1	1472	A2FE(160/180)	A6VM(200/215)	880
SW3B0160	GFT160	140000	114.2/133	1448	A2FE(160/180)	A6VE160/ A6VM(200/215)	680
ST3B0160		160000	251				
SW3B0110	GFT110	95000	95.8/114.8/128.6/147.2/215	1232	A2FE (107/125/160)/ A6VM160	A6VE107/160	420
ST3B0110		110000	147.2/173.9/215				
SW3B0080	GFT80	68000	76.7/99/126.9/149.9/185.4	1232	A2FE (107/125/160)	A6VE107/160	380
ST3B0080		80000					
SW3B0060	GFT60	42500	86.5	818	A2FE80/90/ 107/125	A6VE80/107	250
ST3B0060		60000	105.5/139.9/169.9				
ST3B0050	GFT50	50000	99.8	715	A2FE80/90	A6VE80	245
SW3B0036	GFT36	26000	67/79.4/100/116.5	715	A2FE80/90	A6VE80	170
ST3B0036		36000	67/79.4/100/116.5/131/138.8				
SW3B0017	GFT17	12500	45.4	379	A2FE45/56/63	A6VE28/55	99
ST3B0017		17000	32.1/45.4/54				90

装配图 / Assembly Drawing



安装图 / Installation Diagram



安装图尺寸 / Installation Diagram Size

SKS型号 Model	参考型号 Model	D1	D2	D3	D4	D5	D6	D7	D8
SW3B5190	GFW5190F	420	460	500	24-M24 × 2	460	500	540	36-Φ 22
ST3B8190	GFT8190F				24-M24 × 3				36-M18 × 1.5
SW3B0220	GFT220	460	600	650	30-M30 × 2	610	680	735	24-Φ 33
SW3B0160	GFT160	450	510	560	30-M24 × 2	535	600	650	30-Φ 29.5
ST3B0160									30-M24 × 2
SW3B0110	GFT110	420	460	500	24-M24	460	500	540	36-Φ 22
		380	430	466	28-M24				36-M18 × 1.5
ST3B0110		420	460	500	24-M24				
SW3B0080	GFT80	380	430	480	20-M24	430	480	520	20-Φ 26
ST3B0080									20-M24
SW3B0060	GFT60	330	370	410	20-M20 × 1.5 24-M20 × 1.5	370	410	450	20-Φ 22
ST3B0060		330	370	410	20-M20 × 1.5				20-M20
ST3B0050	GFT50	270	310	350	16-M20	350	400	440	16-M20
SW3B0036	GFT36	270	310	350	16-M20	320	350	380	20-Φ 17.5
ST3B0036							370/350	406/380	20-M16 × 1.5
SW3B0017	GFT17	250	290	320	16-M20	280	305	330	16-Φ 18
ST3B0017									16-M16

SKS型号 Model	参考型号 Model	L	L1	L2	L3	L4	L5	L6	C/C ₀
SW3B5190	GFW5190F	482	21.5	165	23	294.5	125	54.5	490/1202
ST3B8190	GFT8190F	510							
SW3B0220	GFT220	565	45	170	60	350	154.4	33.4	714.9/1489.1
SW3B0160	GFT160	540	30	168	66	342	138	26	688/1520
ST3B0160									
SW3B0110	GFT110	492	22	165	30	305	107	24	509/1080 480/950
		457	32	115	35	310	/	/	480/950
ST3B0110		492	22	165	30	305	107	24	509/1080 480/950
SW3B0080	GFT80	466	23	148	30	295	112	18	509/1080 480/950
ST3B0080									
SW3B0060	GFT60	423	25	114	30	284	79	83	250/520
ST3B0060									
ST3B0050	GFT50	415	15	82	25	318	45.5	79.5	393/881
SW3B0036	GFT36	380	30	90	25	259.5	58	50	186/400
ST3B0036		380/300	30/10			200			
SW3B0017	GFT17	264	30	82	17	152	78	69	108/142
ST3B0017		242	8						

 ST 3B 系列行星减速器采用二级和三级行星轮结构设计，内置多片式停车制动器，结构紧凑、满装型行星齿轮轴承及高承载能力的轴承能吸收来自负载的冲击力，安装方便，适用于工程机械、建筑机械、矿山机械等驱动装置。

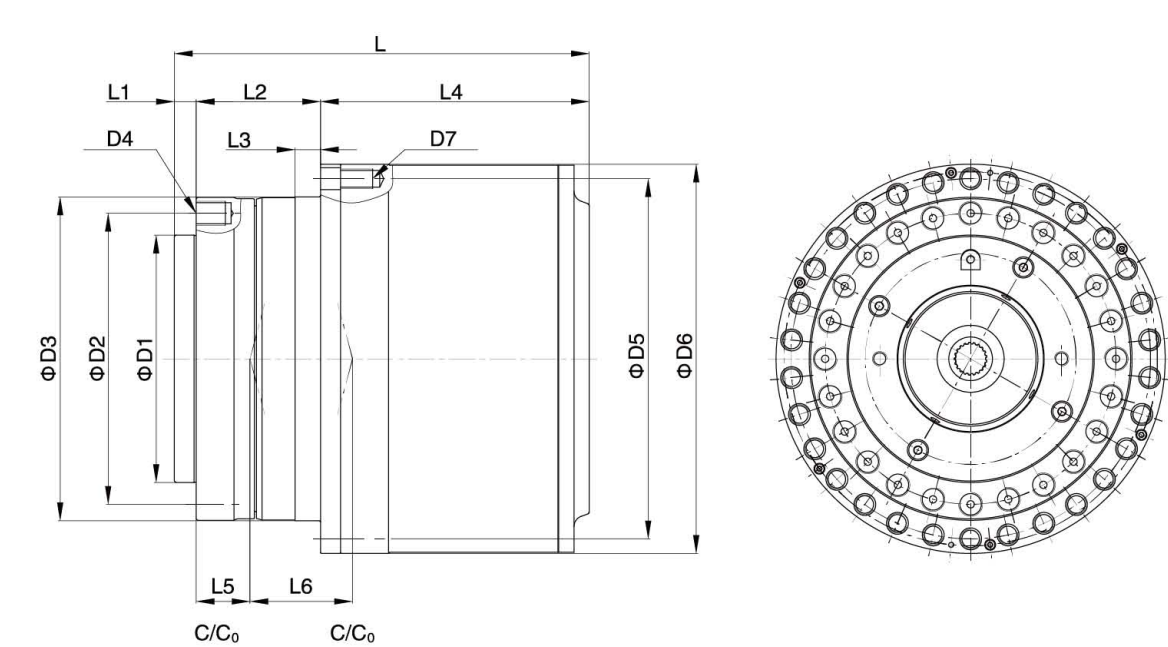
- Compact, space-saving planetary gearbox design
- Planet wheel carried in full-complement bearings
- Robust bearing system absorbing the forces exerted by the cable pull
- Simple mounting
- Integrated multiplate parking device
- ST/W/B3B winch drives are used in all kinds of winches
- mobile and crawler cranes, railroad cranes, shipboard, dockside and container cranes.



技术参数 / Specification

SKS型号 Model	参考型号 Model	输出扭矩 Output torque	传动比 Speed ratio	静态制动力矩 Holding torque	相匹配的液压马达 Recommended motor	重量 Weight
ST3B160	GFT160	160000	251.0	1448	A2FE(160/180)	680
ST3B0220	GFT220	220000	293/365	2160	A2FE(160/180)	880

安装图 / Installation Diagram

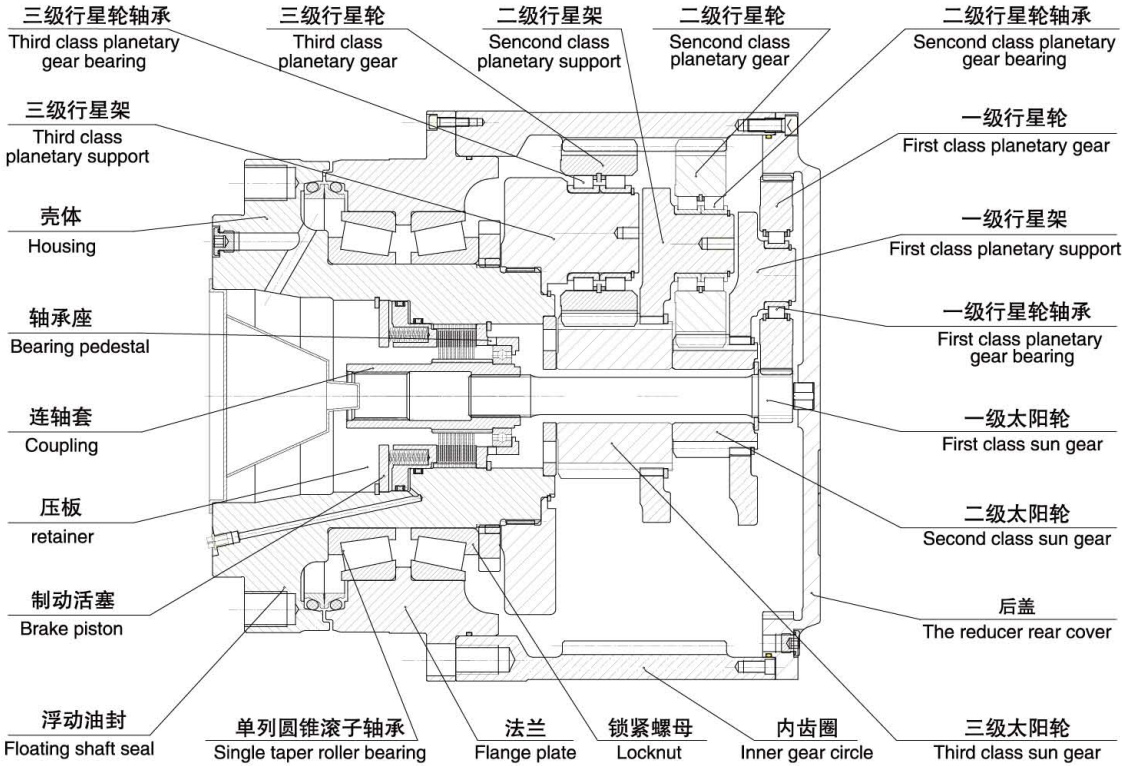


安装图尺寸 / Installation Diagram Size

SKS型号 Model	参考型号 Model	D1	D2	D3	D4	D5	D6	D7
ST3B160	GFT160	340	400	445	24-M33×1.5	495	535	30-M27×2
ST3B0220	GFT220	450	515	568	29-M36×3	620	670	42-M30×2

SKS型号 Model	参考型号 Model	L	L1	L2	L3	L4	L5	L6	C/C0
ST3B160	GFT160	570.5	30	171	35	369.5	74	141	688/1520
ST3B0220	GFT220	603	43	255	150	305	190	17	710/1520

装配图 / Assembly Drawing



SB3B0036 行星回转减速机采用三级行星减速结构设计，内置多片式停车制动器，结构紧凑、满装型行星齿轮轴承及高承载能力的轴承能吸收来自负载的冲击力，安装方便，适用于工程机械、建筑机械、矿山机械等驱动装置。

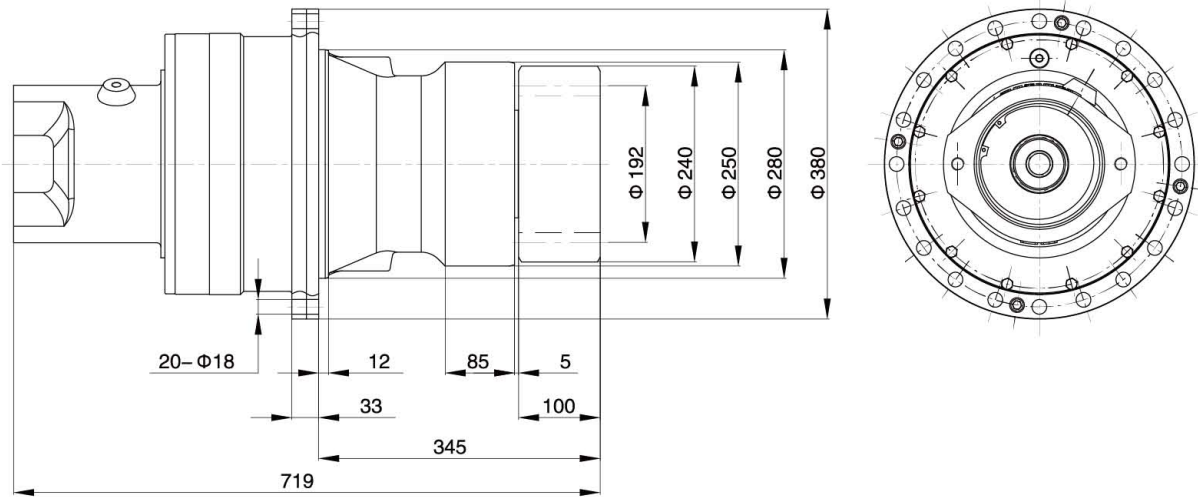
- Compact, space-saving planetary gearbox design
- Planet wheel carried in full-complement bearings
- Robust bearing system absorbing the forces exerted by the cable pull
- Simple mounting
- Integrated multiplate parking device
- SB3B36 winch drives are used in all kinds of winches
- mobile and crawler cranes, railroad cranes, shipboard, dockside and container cranes.



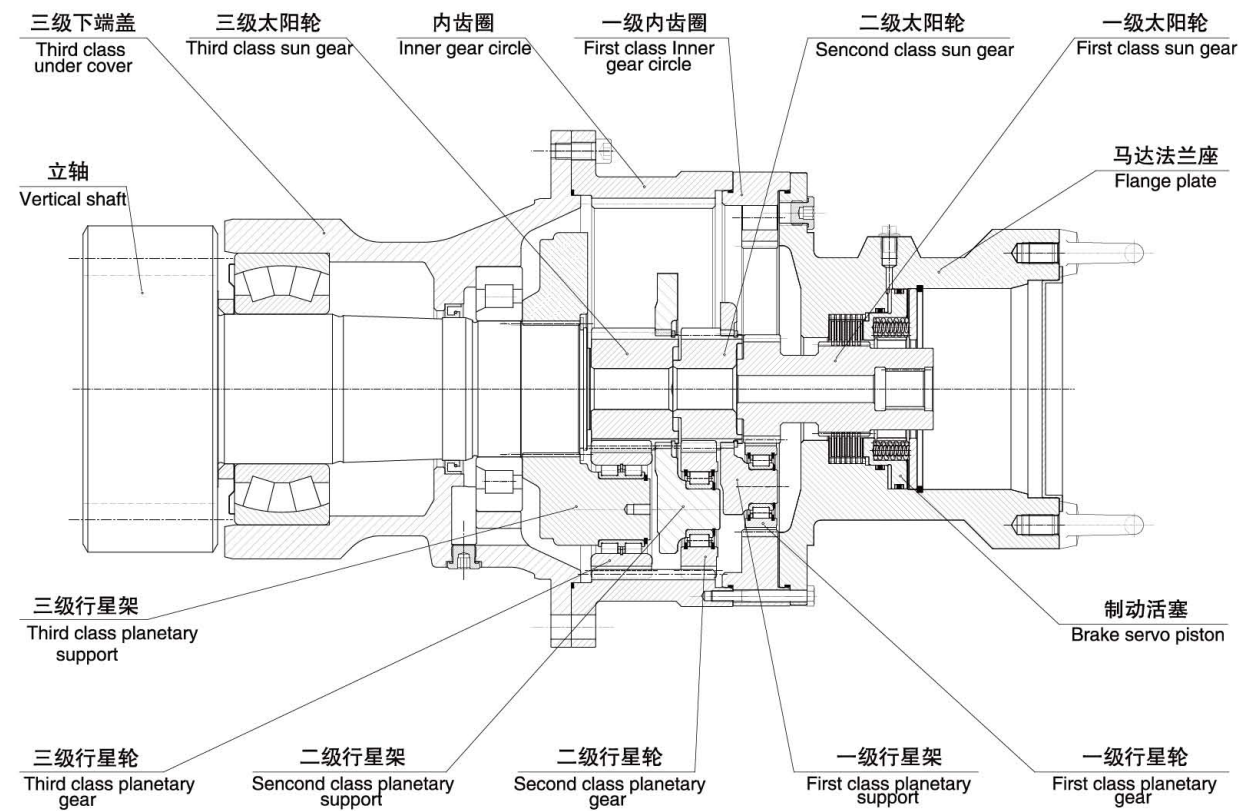
技术参数 / Specification

SKS型号 Model	参考型号 Model	输出扭矩 Output torque	传动比 Speed ratio	静态制动力矩 Holding torque	相匹配的液压马达 Recommended motor	重量 Weight
SB3B36	GFB36	25000	68.0/80.0/101.0	540	A2FE45/56/63/80/90	215

安装图 / Installation Diagram



装配图 / Assembly Drawing



SB2C3002 采系列用模块化的设计理念，结构紧凑、安装和维修方便，行星减速结构，行星架采用双壁整体式结构设计，抗变形和抗冲击性能强，适用于建筑机械、工程机械等回转驱动装置。

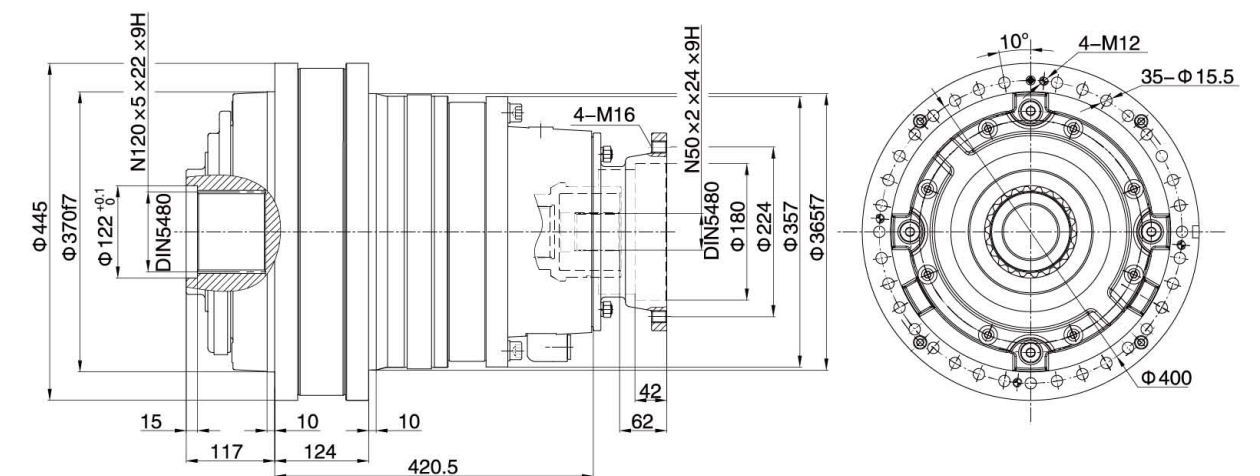
- Compact, space-saving planetary gearbox design
- Modular design
- Easy installation and repair
- Planetary frame adopts the structure design of semi floating, anti deformation and anti shock performance is strong,
- SB2C drives are the ideal driving components for swing driving device.



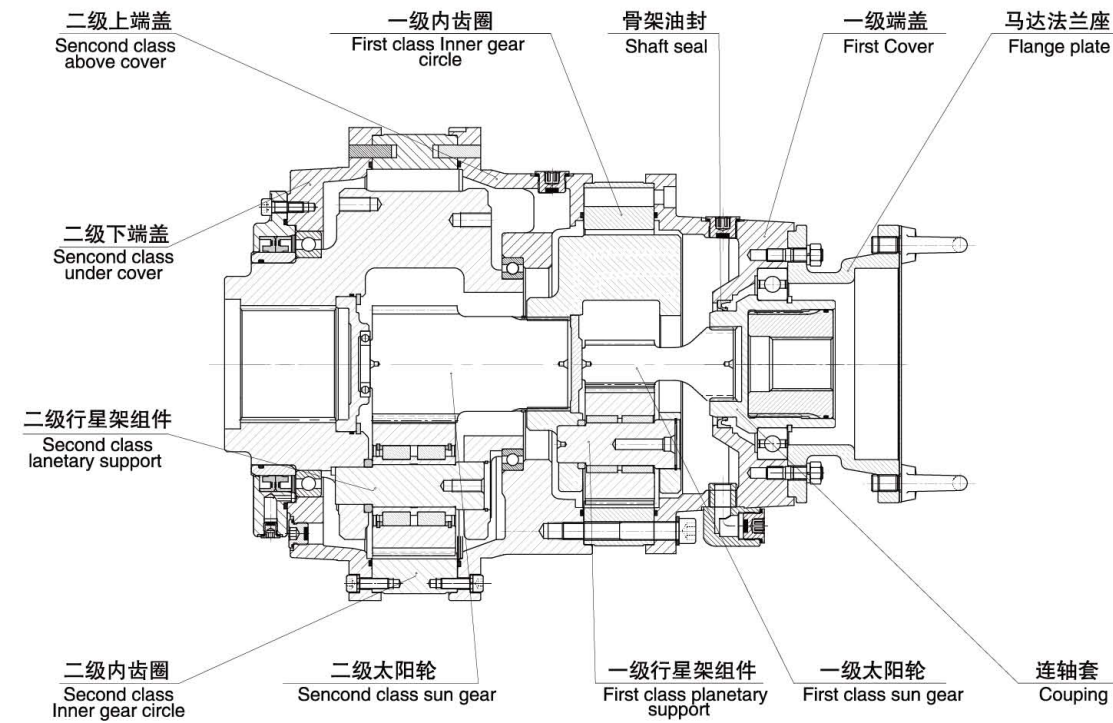
技术参数 / Specification

SKS型号 Model	参考型号 Model	输出扭矩 Output torque	传动比 Speed ratio	相匹配的液压马达 Recommended motor	重量 Weight
SB2C3002	SL3002	40000	24.2/27.0/30.3/33.8	A6VM160	285

安装图 / Installation Diagram



装配图 / Assembly Drawing



 SB2C 系系列用模块化的设计理念, 结构紧凑、安装和维修方便, 行星减速结构, 行星架采用双壁整体式结构设计, 抗变形和抗冲击性能强, 适用于建筑机械、工程机械等回转驱动装置。

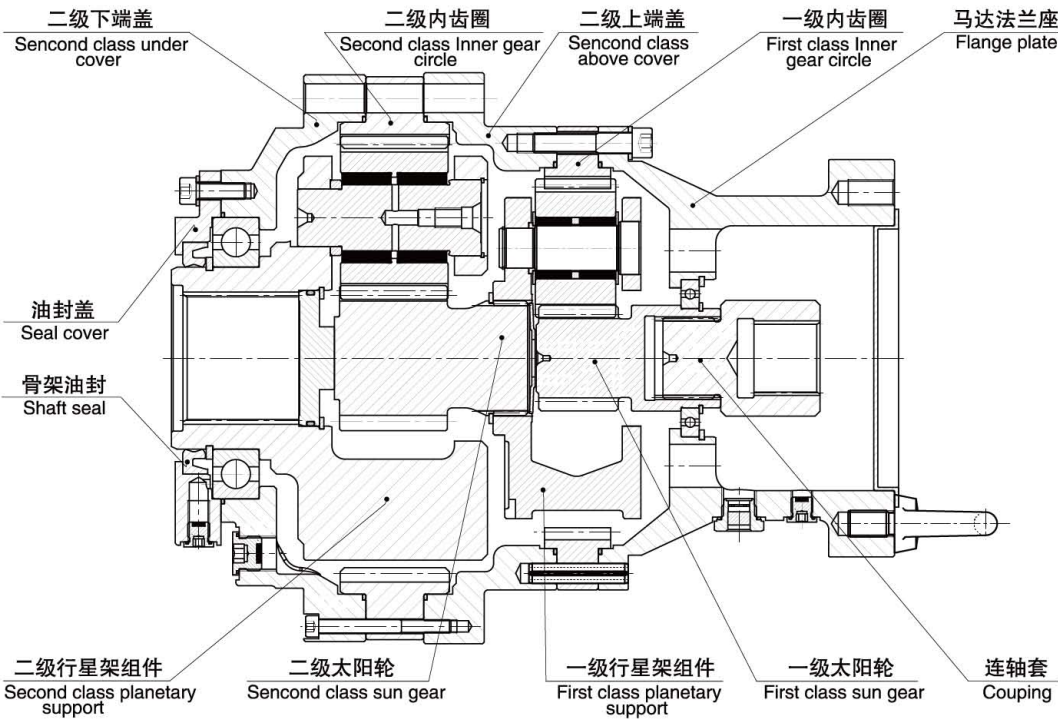
- Compact, space-saving planetary gearbox design
- Modular design
- Easy installation and repair
- Planetary frame adopts the structure design of semi floating, anti deformation and anti shock performance is strong,
- SB2C drives are the ideal driving components for swing driving device.



技术参数 / Specification

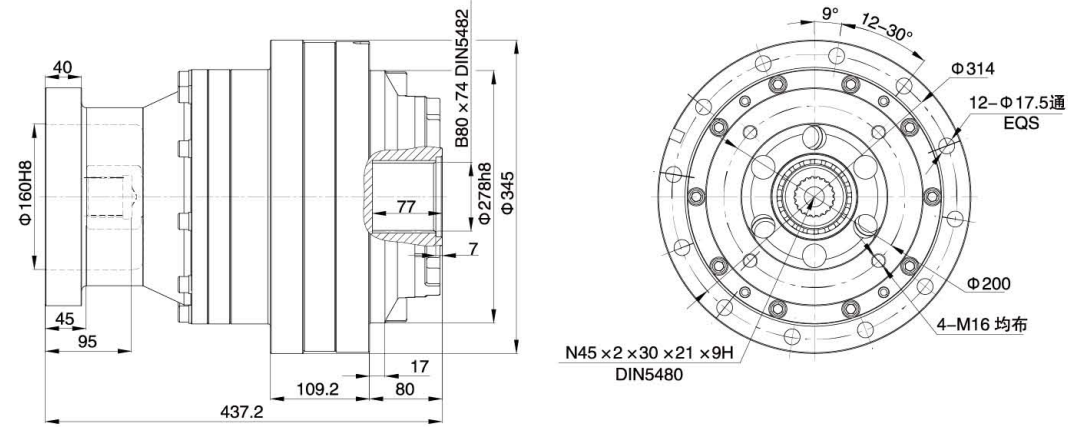
SKS型号 Model	参考型号 Model	输出扭矩 Output torque	传动比 Speed ratio	相匹配的液压马达 Recommended motor	重量 Weight
SB2C1572	EL1572	18000	19.1/21.9/22.1/25.3/26.5/30.4	A6VM107	165
SB2C2150	ED2150	20000	20.2/26.6	A2FM107	105
SB2C2250	ED2250	25000	17.5/20.2/22.2/25.6/30.7/36.0	A6VM140/160	160

装配图 / Assembly Drawing

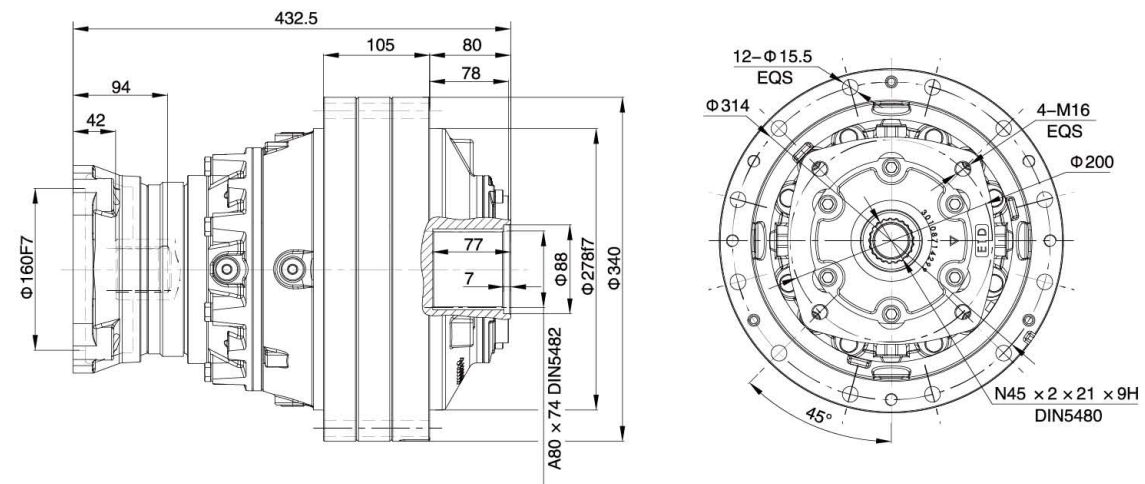


安装图 / Installation Diagram

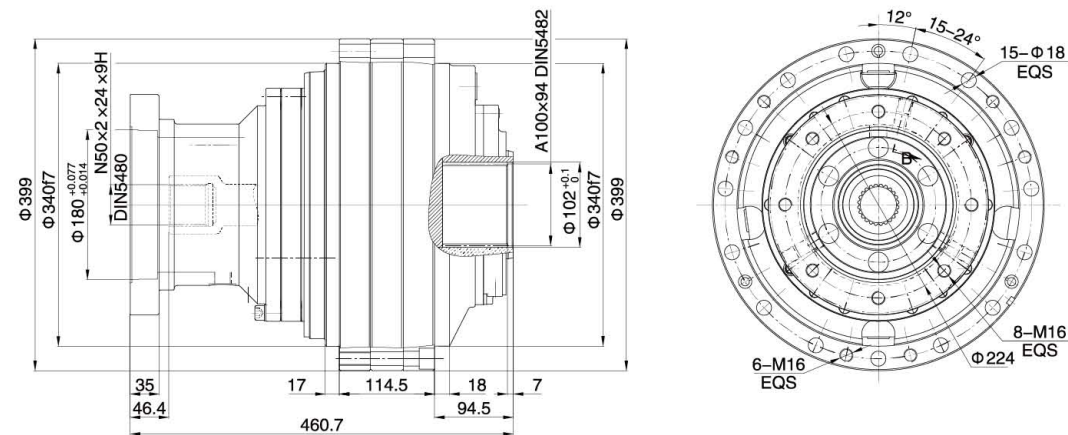
SB2C1572



SB2C2150



SB2C2250



SB2D 回转系列结构紧凑、动力强劲。其行星驱动机构使其成为所有重载应用(及冲击载荷)的理想选择。可选择多种安装形式、齿轮组合、输出轴以及马达接口,该产品配置拥有很高的通用性。
适用于建筑机械、矿上机械、工程机械等回转驱动装置。

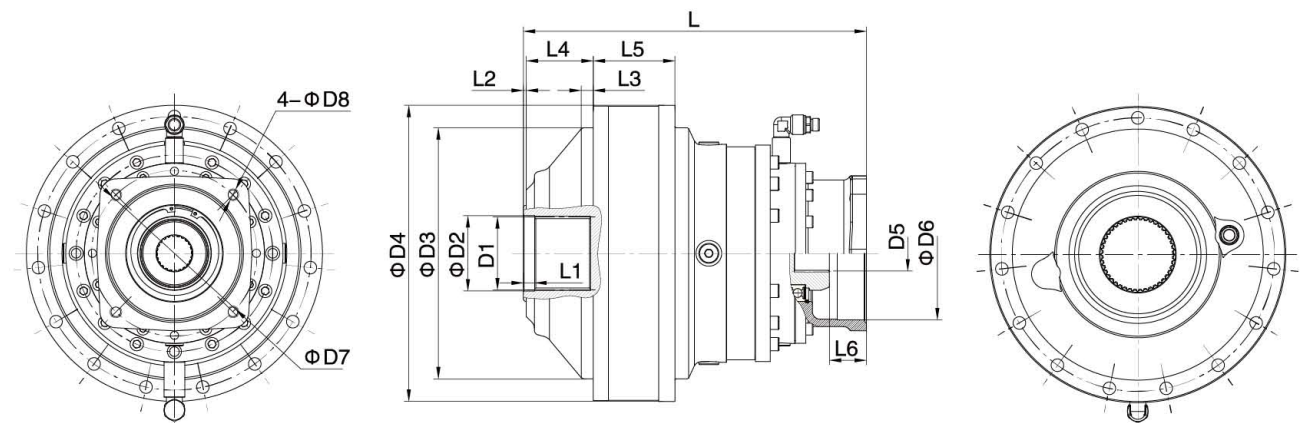
- Compact structure, strong power.
- With impact load
- Multi-mounting, Multi-gear set, Multi-output shaft
- SB2D Series drives are the ideal driving components for swing driving device.



技术参数 / Specification

SKS型号 Model	参考型号 Model	输出扭矩 Output torque	传动比 Speed ratio	相匹配的液压马达 Recommended motor	重量 Weight
SB2D0309	BFL309	18000	21.8/25.4/28/32.6	A6VM(107/160)	110
SB2D0310	BFL310	25000	21.8/25.4/28/32.6	A6VM160	170
SB2D0311	BFL311	40000	32.7	A6VM200	220

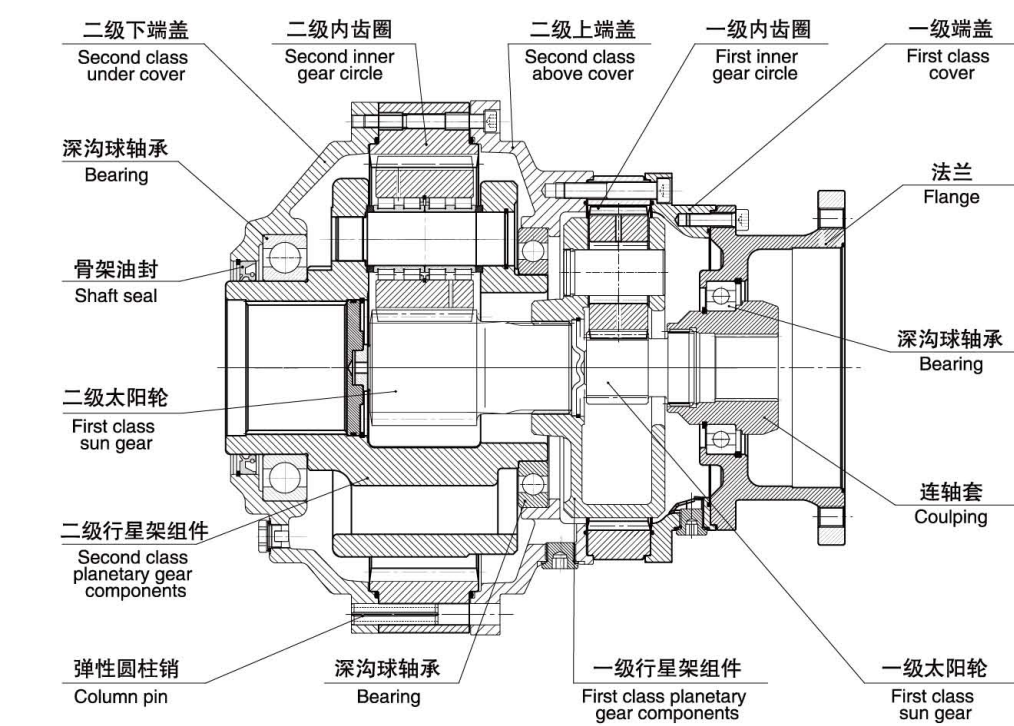
安装图 / Installation Diagram



SKS型号 Model	参考型号 Model	D1	D2	D3	D4	D5	D6	D7	D8
SB2D0309	BFL309	80 × 74 DIN5482	88	278	350	N40 × 2 × 30 × 18 × 9H DIN5480 N45 × 2 × 30 × 21 × 9G DIN5480 N50 × 2 × 30 × 24 × 9H DIN5480	160 180	200 224	4-M16
SB2D0310	BFL310	A100 × 94 DIN5482	102	340	400	N50 × 2 × 24 × 9H DIN5480	180	224	4-M16
SB2D0311	BFL311	A100 × 94 DIN5482	102	358	431.5		200	250	4-M20

SKS型号 Model	参考型号 Model	L	L1	L2	L3	L4	L5	L6
SB2D0309	BFL309	408	7	5.5	12.5	82	117	48
SB2D0310	BFL310	464.2	15.3	3.9	16	94.6	110.6	50
SB2D0311	BFL311	487.85	15	0.85	12.5	86.85	135	50

装配图 / Assembly Drawing



ST/W3D 系列结构紧凑、动力强劲。其行星驱动机构使其成为所有重载应用（及冲击载荷）的理想选择。可选择多种安装形式、齿轮组合、输出轴以及电机接口，该产品配置拥有很高的通用性。适用于建筑机械、矿上机械、工程机械等回转驱动装置。

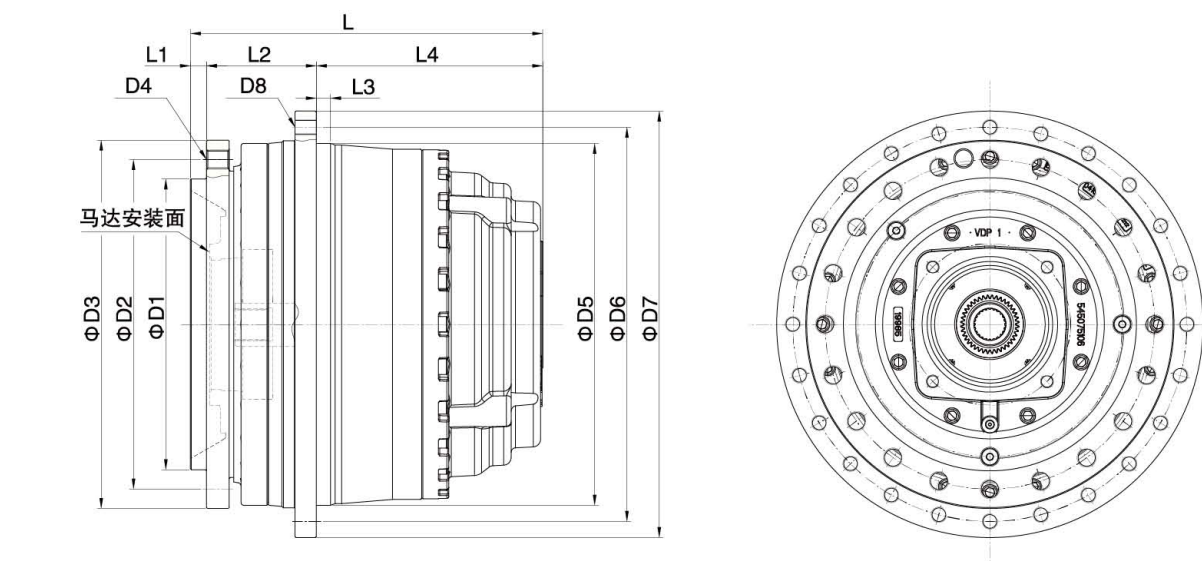
- Compact structure, strong power.
- With impact load
- Multi-mounting, Multi-gear set , Multi-output shaft
- ST/W3D Series drives are the ideal driving components for swing driving device.



技术参数 / Specification

SKS型号 Model	参考型号 Model	输出扭矩 Output torque	传动比 Speed ratio	静态制动力矩 Holding torque	相匹配的液压马达 Recommended motor	重量 Weight
ST3D0713	BFL713	60000	108.1	1322	A2FE80/A2FE90	310
SW3D0713		60000	108.1	1322	HMF105	310
ST3D0715	BFL715	85000	108.1/156.5	1097	A2FE125/61W-VZL	392
SW3D0715		85000	108.1/156.5	1097	A2FE125/61W-VZL	392
SW3D0717	BFL717	130000	131	1325	A6VM200	650
ST3D0718	BFL718	180000	263.4	1325	A6VM200	750
SW3D0718		160000	161.4/131.2/111.9	1325	A6VM200/215	750

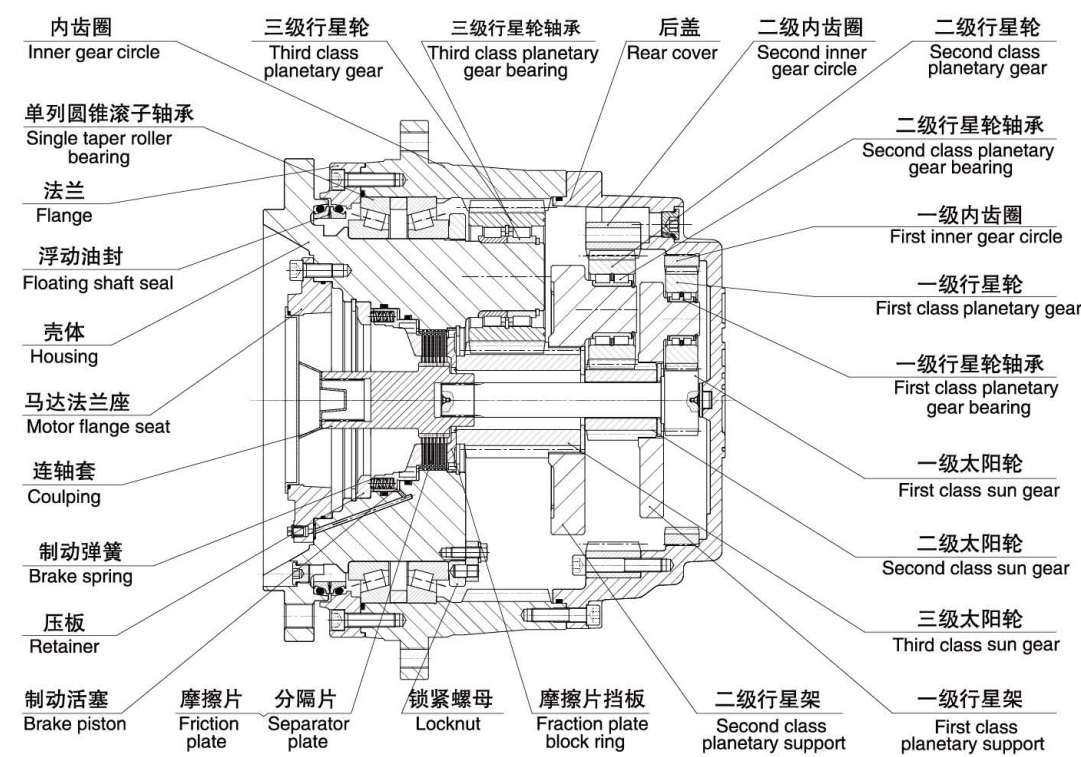
安装图 / Installation Diagram



SKS型号 Model	参考型号 Model	D1	D2	D3	D4	D5	D6	D7	D8
ST3D0713	BFL713	280	325	425	24-M20	410	455	487	24-M20
SW3D0713		265	260						24-Φ21.5
ST3D0715	BFL715	420	460	500	24-M20	460	510	548	24-M20
SW3D0715									24-Φ22
SW3D0717	BFL717	450	510	570	30-m24	560	610	660	24-Φ26
ST3D0718	BFL718	450	510	570	30-M24	576	626	670	20-M24
SW3D0718									20-Φ26

SKS型号 Model	参考型号 Model	L	L1	L2	L3	L4
ST3D0713	BFL713	408	20	120	278	20
SW3D0713		432	44	120	278	20
ST3D0715	BFL715	467.5	20	130	317.5	23
SW3D0715						
SW3D0717	BFL717	545.5	25	170	350.5	22
ST3D0718	BFL718	554.5	25	170	359.5	30
SW3D0718						

装配图 / Assembly Drawing



ST/W3K 系列结构紧凑、动力强劲。其行星驱动机构使其成为所有重载应用（及冲击载荷）的理想选择。可选择多种安装形式、齿轮组合、输出轴以及电机接口，该产品配置拥有很高的通用性。适用于旋挖钻机、挖掘机、履带吊行走等回转驱动装置。

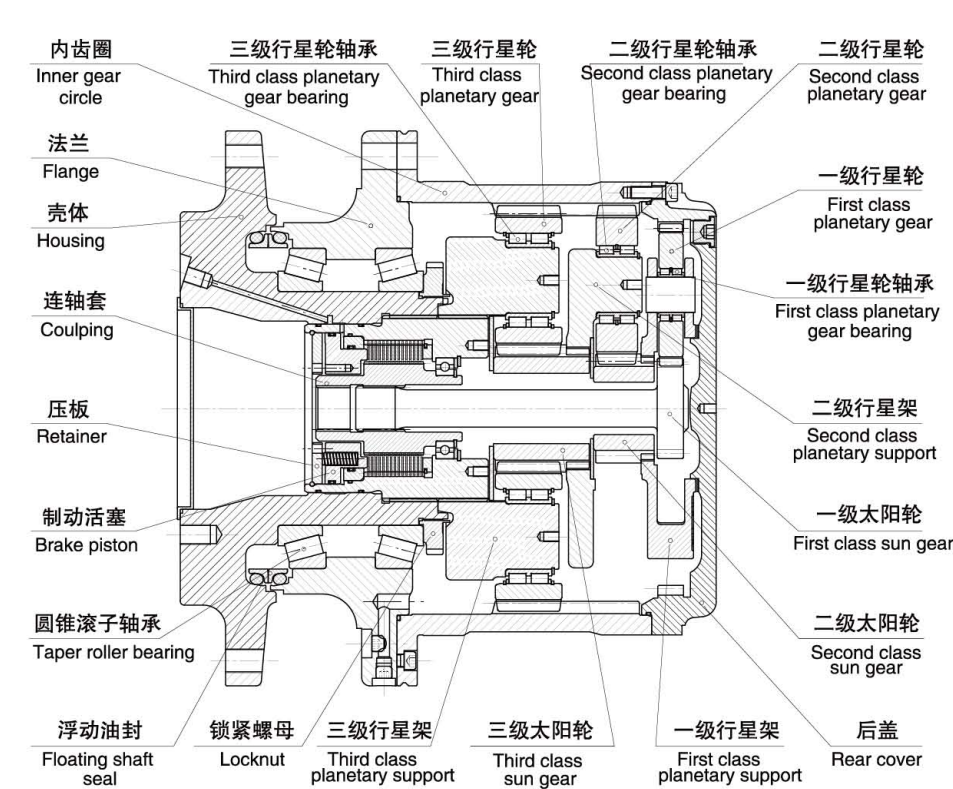
–Compact structure, strong power.
–With impact load
–Multi-mounting, Multi-gear set , Multi-output shaft
–ST/W3K Series drives are the ideal driving components for swing driving device.



技术参数 / Specification

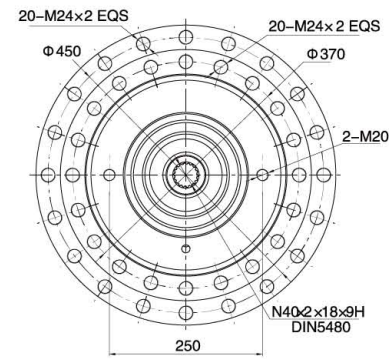
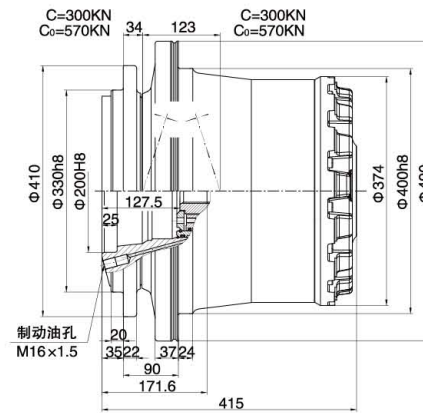
SKS型号 Model	参考型号 Model	输出扭矩 Output torque	传动比 Speed ratio	静态制动力矩 Holding torque	相匹配的液压马达 Recommended motor	重量 Weight
ST3K0080	OK80	80000	146.5	965	A2FE107	230
ST3K0130	OK130	130000	206	2100	A2FE160	452
SW3K0130	OK130	105000	115.2/123.3	2100	A6VM200	452

装配图 / Assembly Drawing

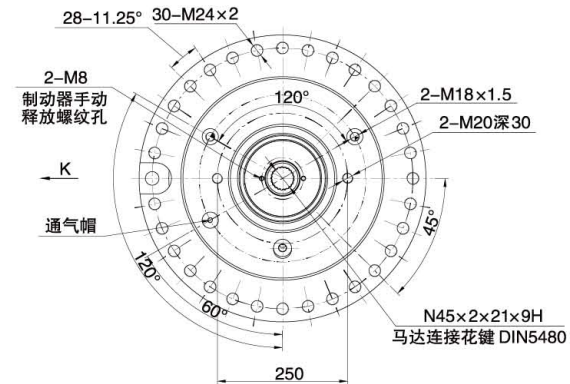
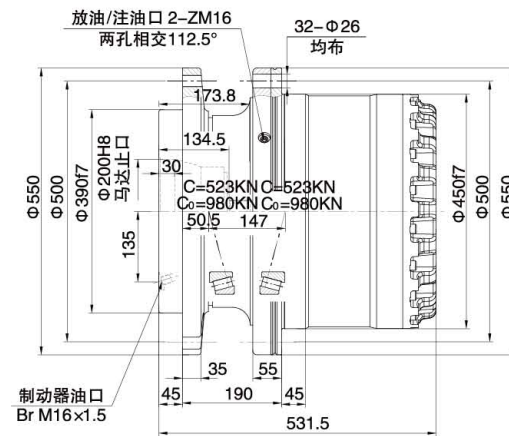


安装图 / Installation Diagram

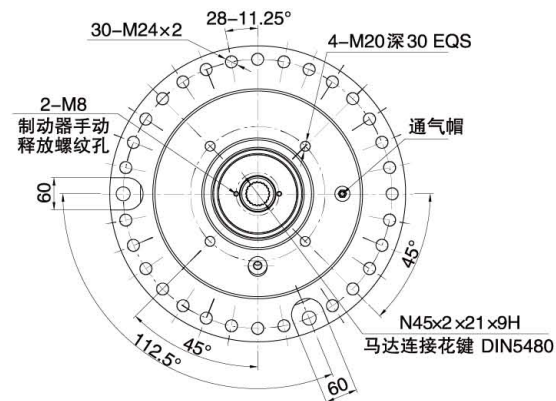
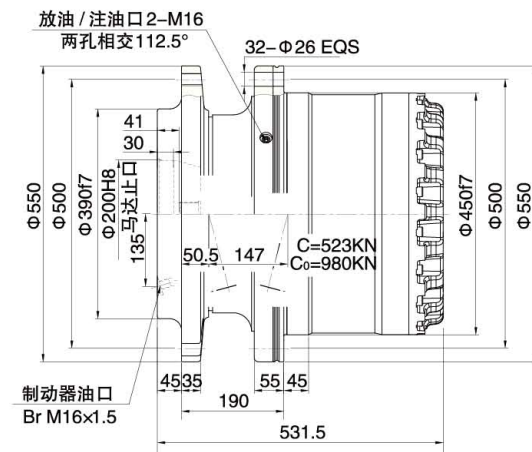
ST3K0080



SW3K0130



SW3K0130
ST3K0130



 SB2M 回转系列结构紧凑、噪音低、使用寿命长、带有加强型输出支撑,抗冲击性能好,承载有力,并可配置碟片制动器等特点,适用于建筑机械、矿上机械、工程机械等回转驱动装置。

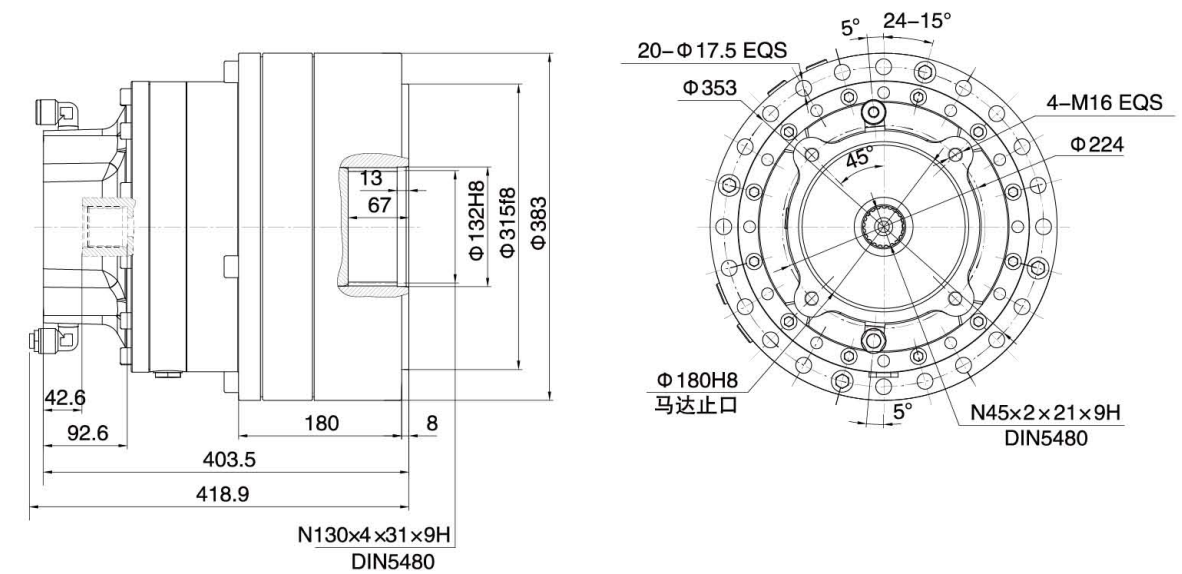
- Compact, space-saving planetary design
- Low-noise running characteristics
- Enhanced output support, good anti impact performance
- Integrated multiplate parking device
- SB2M Series drives are the ideal driving components for swing driving device.



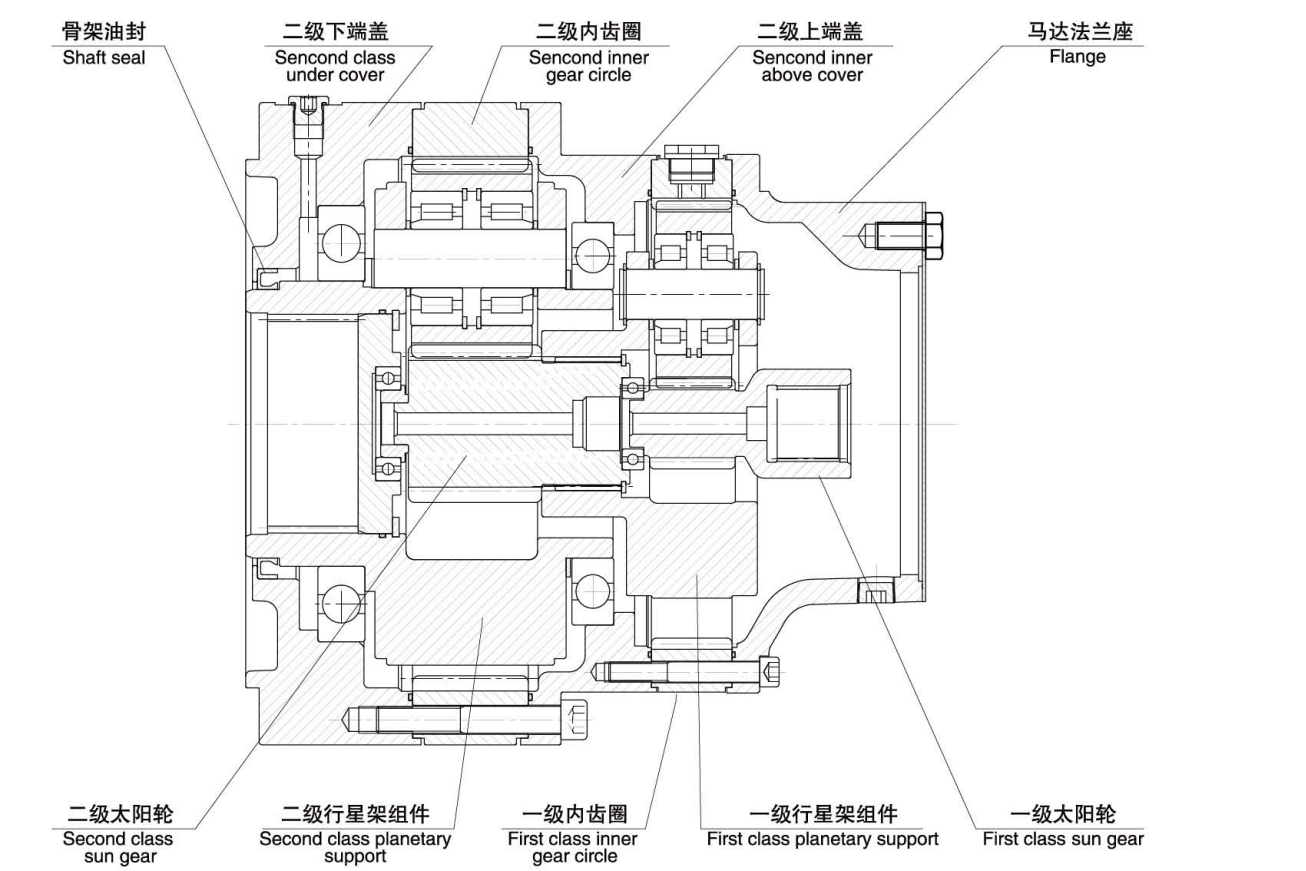
技术参数 / Specification

SKS型号 Model	参考型号 Model	输出扭矩 Output torque	传动比 Speed ratio	相匹配的液压马达 Recommended motor	重量 Weight
SB2M32102	P32102-H	25000	31.7	A6VM140/160	180

安装图 / Installation Diagram



装配图 / Assembly Drawing



回转减速机				
序号	SKS 型号	参考型号	速比	应用范围
1	SB2C3002	SL3002	24.2/27/30.3/33.8	旋挖钻机
2	SB2C1572	EL1572	22/26.5/30.4	
3	SB2C2150	ED2150	20/26.6/30.9	
4	SB2C2250	ED2250	20.2/22.2/25.6/30.7/36	
5	SB2D309	BFL309	21.8/25.4/28/32.6	
6	SB2D310	BFL310	21.8/25.4/28/32.6	
7	SB2D311	BFL311	32.7	
8	SB2M32102	P32102-H	31.7	旋挖钻机等回转机构
9	SB3B36	GFB36T3	68/80/101	

行走减速机				
序号	SKS 型号	参考型号	速比	应用范围
1	ST3B017	GFT17	32/45/54/88	运梁车行走，履带行走
2	ST3B036	GFT36	67/79/100/113/115/117/131/139	
3	ST3B060	GFT60	105.5/139.9/169.9	旋挖钻机，煤炭机械，履带吊等路面行走机械
4	ST3B080	GFT80	77/99/127/150/185	
5	ST3B110	GFT110	147/174/215	
6	ST3B160	GFT160	251	
7	ST3D0713	BFL713	108	
8	ST3D0715	BFL715	108/156	
9	ST3D0717	BFL717	131	
10	ST3D0718	BFL718	264	
11	ST3K080	F80	147	
12	ST3K130	F130	123.3/206.3	
13	ST3B8190	GFT8190	168/209	

卷扬减速机				
序号	SKS 型号	参考型号	速比	应用范围
1	SW3B017	GFT17W	45	旋挖钻机，履带吊，船舶机械
2	SW3B036	GFT36W	67/79	
3	SW3B060	GFT60W	86.5/140	
4	SW3B080	GFT80W	77/99/127/185	
5	SW3B110	GFT110W	96/115/129/147/174/215	
6	SW3B160	GFT160W	133	
7	SW3D0713	BFL713W	108	
8	SW3D0715	BFL715W	108	
9	SW3D0717	BFL717W	131	
10	SW3D0718	BFL718W	161.4/131.2	
11	SW3K130	F130W	115/123	
12	ST3B5190	GFW5190	121	