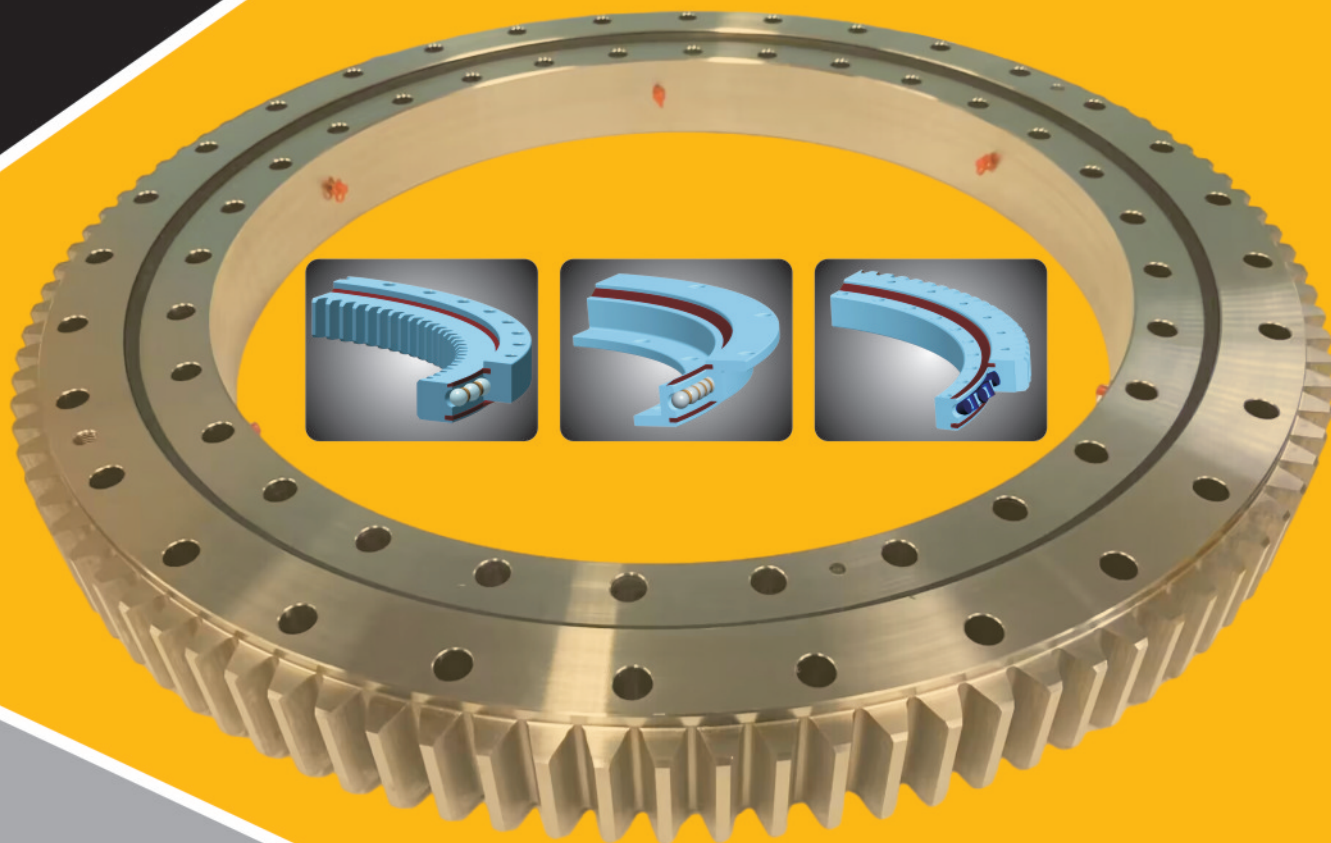


Slewing Bearings



Our origins date back to 2006 when we first started to produce slewing bearings. SWBTEC's knowledge base is deep in expertise with our machinists having long years of slewing bearing experience. 55% of our products are exported to more than 28 countries and more than 150 thousand slewing bearings were exported all over the world since 2007.

Optimal and economical design in a given envelope dimension and load capacity.

High precision position control to ensure maximization of customer's equipment up-time.

This is us-SWBTEC, a professional, Reliable, Competitive slewing bearing manufacturer in China.

The production and processing equipment are mainly CNC numerical control equipment. More than 70% of the front-line operators have more than 8 years of lathe operation experience and an annual output of 31,000 pieces after 2015.

Determined to provide customers with high-quality and low-cost slewing bearing, SWBTEC is keeping moving forward.

Factory-Built: 21th, NOV 2006;

Land area: 35,000m²

Building area: 17,000m²

Employees: 85





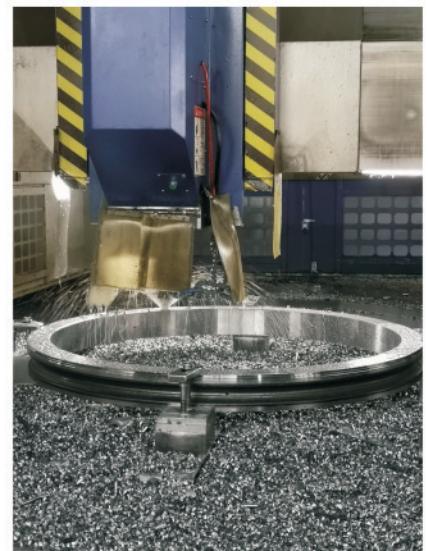
Approved Application





CNC Equipment

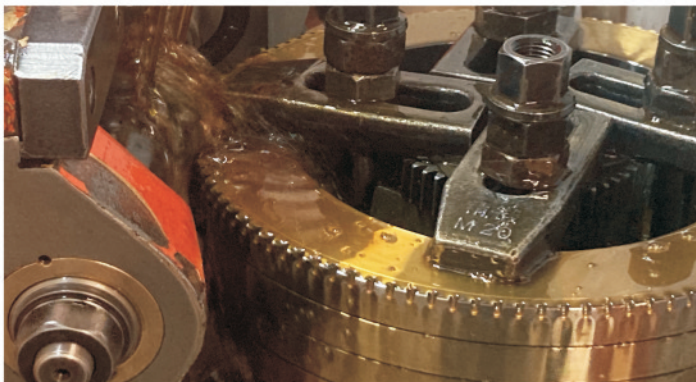
Keep Product Quality Perfect

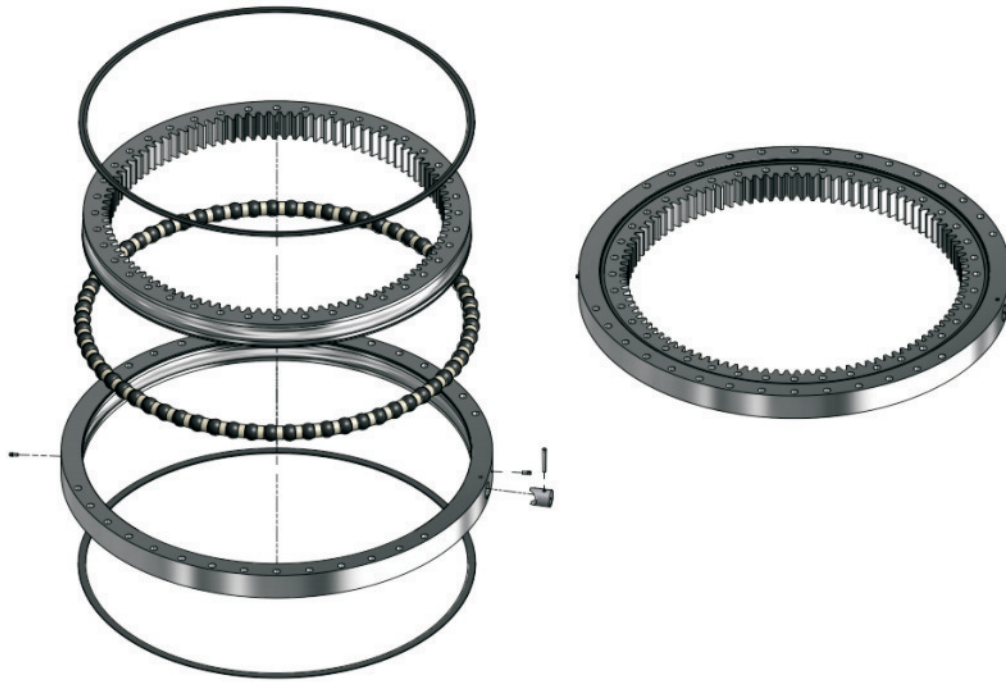




CNC Equipment

Keep Product Quality Perfect





Strict Quality Control

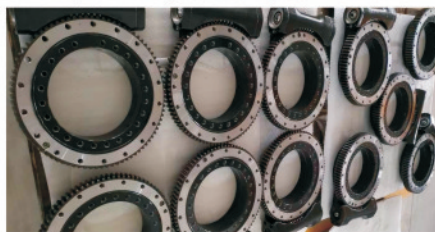
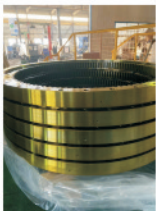
All slewing bearings produced by SWBTEC are in line with ISO9001:2015 certified quality system





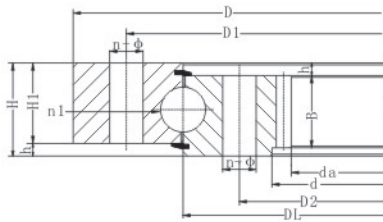
Strict Quality Control

All slewing bearings produced by SWBTEC are in line with ISO9001:2015 certified quality system

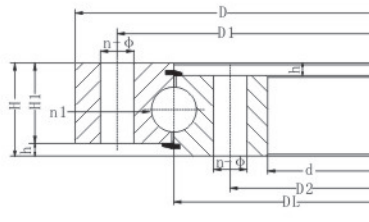




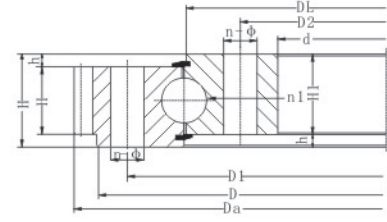
Single Row Ball Type



QN

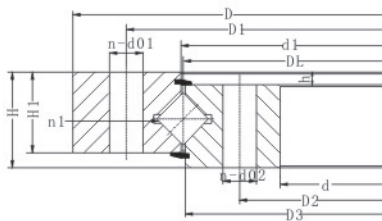


QU

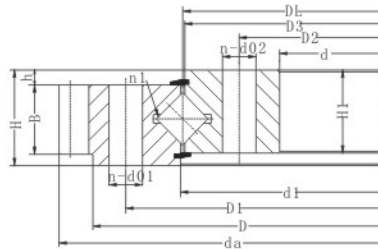


QW

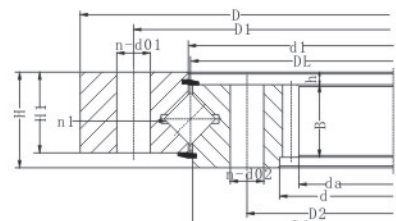
Type	Configuration Size				Mounting Size							Structural Size				Gear Data								Weight(KG)	
QU.QW.QN	QU(D=Internal gear D,d=External gear d)				H	D1	D2	n	Through Hole	Screw Hole		n1(Grease Hole Qty)	H1	h	B	module	X=-0.5(External Gear Data)		X=+0.5(Internal Gear Data)		External Gear Type	Internal Gear Type			
	External Gear		Internal Gear						A Type	B,C,D Type							Da	Z	da	Z					
	Ball Size	D	d	D					d	φ	M						L(Thread Length)								
315.20	406	222	408	224	60	370	260	10	17	M16	24	2	50	10	40	3	423	140	207	70	35	34			
315.20A																4	428	106	200	51	36	35			
355.20	446	262	448	264	60	410	300	10	17	M16	24	2	50	10	40	3	462	153	246	84	40	39			
355.20A																4	468	116	240	61	41	40			
400.20	490	307	493	310	60	455	345	12	17	M16	24	2	50	10	40	4	512	127	288	73	45	44			
400.20A																5	520	103	280	57	47	46			
450.20	540	357	543	360	60	505	395	12	17	M16	24	2	50	10	40	4	564	140	336	85	51	50			
450.20A																5	570	113	330	67	43	52			
500.20	590	407	593	410	60	555	445	14	17	M16	24	2	50	10	40	5	615	122	385	78	56	55			
500.20A																6	624	103	378	64	58	57			
560.20	654	464	656	468	70	618	502	14	17	M16	30	2	60	10	50	4	680	169	440	111	78	76			
560.20A																5	685	136	435	88	79	77			
630.20	724	534	726	538	70	688	572	16	17	M16	30	2	60	10	50	4	748	186	512	129	86	84			
630.20A																5	755	150	505	102	88	86			
710.20	804	614	806	618	70	768	652	18	17	M16	30	2	60	10	50	5	835	166	585	118	99	97			
710.20A																6	840	139	582	98	101	97			
800.20	894	704	896	708	70	858	742	20	17	M16	30	2	60	10	50	6	930	154	672	113	114	110			
800.20A																8	936	116	664	84	114	111			
800.25	904	692	908	694	78	864	736	18	22	M20	36	2	68	10	58	6	942	156	654	110	143	142			
800.25A																8	952	118	648	82	147	142			
900.25	1004	792	1008	794	78	964	836	20	22	M20	36	2	68	10	58	8	1048	130	744	94	162	163			
900.25A																10	1060	105	740	75	168	162			
1000.25	1104	892	1108	894	78	1064	936	24	22	M20	36	2	68	10	58	8	1152	143	848	107	182	178			
1000.25A																10	1160	115	840	85	185	179			
1000.32	1120	876	1124	880	90	1074	926	24	24	M22	40	2	80	10	70	8	1160	144	832	105	227	230			
1000.32A																10	1170	116	830	84	232	227			
1120.32	1240	996	1244	1000	90	1194	1046	28	24	M22	40	4	80	10	70	10	1300	129	940	95	272	263			
1120.32A																12	1308	108	936	79	275	262			
1250.32	1370	1126	1374	1130	90	1324	1176	32	24	M22	40	4	80	10	70	10	1430	142	1070	108	302	294			
1250.32A																12	1440	119	1068	90	309	290			
1400.32	1520	1276	1524	1280	90	1474	1326	36	24	M22	40	4	80	10	70	12	1584	131	1212	102	337	333			
1400.32A																14	1596	113	1204	87	347	336			
1250.40	1390	1108	1394	1110	102	1336	1164	32	26	M24	45	4	90	12	80	10	1450	144	1050	106	396	388			
1250.40A																12	1452	120	1044	88	392	388			
1400.40	1540	1258	1544	1260	102	1486	1314	36	26	M24	45	4	90	12	80	12	1608	133	1188	100	448	444			
1400.40A																14	1610	114	1190	86	443	434			
1600.40	1740	1458	1744	1460	102	1686	1514	40	26	M24	45	4	90	12	80	12	1812	150	1392	117	528	509			
1600.40A																14	1820	129	1386	100	534	511			
1800.40	1940	1658	1944	1660	102	1886	1714	44	26	M24	45	4	90	12	80	14	2016	143	1582	114	583	576			
1800.40A																16	2032	126	1568	99	607	591			
1600.50	1762	1434	1766	1438	124	1704	1496	40	30	M27	50	4	112	12	100	12	1824	151	1368	115	714	714			
1600.50A																14	1834	130	1358	98	727	723			
1800.50	1964	1634	1966	1638	124	1904	1696	44	30	M27	50	4	112	12	100	14	2044	145	1568	113	845	794			
1800.50A																16	2048	127	1552	98	843	818			
2000.50	2162	1834	2166	1842	124	2104	1896	48	30	M27	50	6	112	12	100	16	2240	139	1760	111	912	891			
2000.50A																18	2250	124	1746	98	927	913			
2240.50	2402	2074	2406	2078	124	2344	2136	54	30	M27	50	6	112	12	100	16	2480	154	1984	125	1020	1044			
2240.50A																18	2502	138	1980	111	1078	1041			
2500.50	2662	2334	2666	2342	124	2604	2396	60	30	M27	50	6	112	12	100	18	2754	152	2250	126	1171	1132			
2500.50A																20	2760	137	2240	113	1175	1148			
2500.60	2696	2304	2696	2308	150	2626	2374	60	33	M30	56	6	136	14	122	18	2790	154	2214	124	1677	1621			
2500.60A																20	2800	139	2200	111	1701	1654			



110

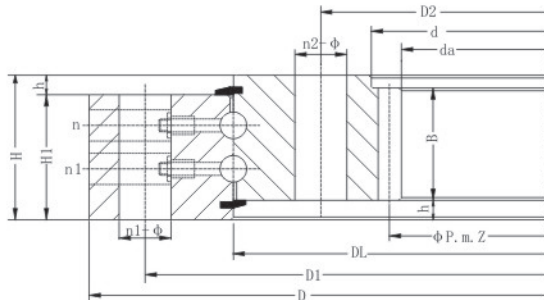


111/112

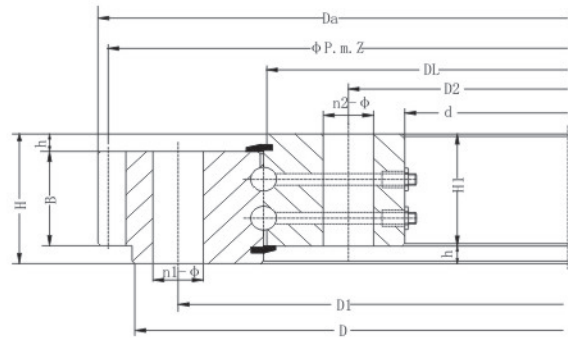


113/114

Type			Configuration Size			Mounting Size					Structural Size				Gear Data (x=0.5)		External Gear Data		Internal Gear Data		Weight(KG)
Without Gear	External Gear	Internal Gear	D	d	H	D1	D2	n	d01 φ	dm1 M	L(Thread Length)	n1(Grease Hole Qty)	H1	h	B	module	da	Z	da	Z	
110.25.500	111.25.500	113.25.500	602	398	75	566	434	20	18	M16	32	4	65	10	60	5	629	123	367	74	80
	112.25.500	114.25.500														6	628.8	102	368.4	62	
110.25.560	111.25.560	113.25.560	662	458	75	626	494	20	18	M16	32	4	65	10	60	5	689	135	427	86	90
	112.25.560	114.25.560														6	688.8	112	428.4	72	
110.25.630	111.25.630	113.25.630	732	528	75	696	564	24	18	M16	32	4	65	10	60	6	772.8	126	494.4	83	100
	112.25.630	114.25.630														8	774.4	94	491.2	62	
110.25.710	111.25.710	113.25.710	812	608	75	776	644	24	18	M16	32	4	65	10	60	6	850.8	139	572.4	96	110
	112.25.710	114.25.710														8	854.4	104	571.2	72	
110.28.800	111.28.800	113.28.800	922	678	82	878	722	30	22	M20	40	6	72	10	65	8	966.4	118	635.2	80	170
	112.28.800	114.28.800														10	968	94	634	64	
110.28.900	111.28.900	113.28.900	1022	778	82	978	822	30	22	M20	40	6	72	10	65	8	1062.4	130	739.2	93	190
	112.28.900	114.28.900														10	1068	104	734	74	
110.28.1000	111.28.1000	113.28.1000	1122	878	82	1078	922	36	22	M20	40	6	72	10	65	10	1188	116	824	83	210
	112.28.1000	114.28.1000														12	1185.6	96	820.8	69	
110.28.1120	111.28.1120	113.28.1120	1242	998	82	1198	1042	36	22	M20	40	6	72	10	65	10	1298	127	944	95	230
	112.28.1120	114.28.1120														12	1305.6	106	940.8	79	
110.32.1250	111.32.1250	113.32.1250	1390	1110	91	1337	1163	40	26	M24	48	5	81	10	75	12	1449.6	118	1048.8	88	350
	112.32.1250	114.32.1250														14	1453.2	101	1041.6	75	
110.32.1400	111.32.1400	113.32.1400	1540	1260	91	1487	1313	40	26	M24	48	5	81	10	75	12	1605.6	131	1192.8	100	400
	112.32.1400	114.32.1400														14	1607.2	112	1195.6	86	
110.32.1600	111.32.1600	113.32.1600	1740	1460	91	1687	1513	45	26	M24	48	5	81	10	75	14	1817.2	127	1391.6	100	440
	112.32.1600	114.32.1600														16	1820.8	111	1382.4	87	
110.32.1800	111.32.1800	113.32.1800	1940	1660	91	1887	1713	45	26	M24	48	5	81	10	75	14	2013.2	141	1573.6	113	500
	112.32.1800	114.32.1800														16	2012.8	123	1574.4	99	
110.40.2000	111.40.2000	113.40.2000	2178	1825	112	2110	1891	48	33	M30	60	8	100	12	90	16	2268.8	139	1734.4	109	900
	112.40.2000	114.40.2000														18	2264.4	123	1735.2	97	



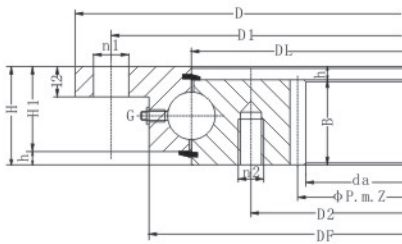
SN



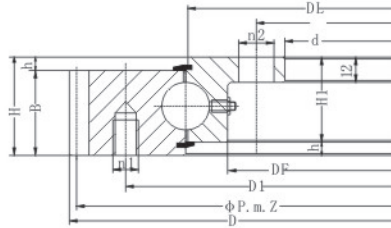
SW

Model SN	Configuration Size			Mounting Size						Structural Size		Gear Data				weight kg
	D	d	H	D1	D2	n1	φ	n2	φ2	H1	h	B	module	da	Z	
SW-546SN.22	640	472	76	605	498	17	25	17	25	70	6	71	6	439	74	76
SW-625SN.22	705	540	92	675	575	17	25	17	25	83	9	74	8	504	65	92
SW-755SN.25	875	628	104	823	675	40	26	40	26	95	9	81	10	582	59	200
SW-888SN.22	982	792	97	944	826	36	22	36	22	87	10	80	8	754	95	170
SW-972SN.20	1076	870	114	1035	910	48	23	48	23	100	10	96	10	822	84	225
SW-1088SN.20	1172	1010	97	1134	1040	36	17	36	17	88	9	80	10	962	97	175
SW-1100SN.25	1196	1010	110	1160	1040	36	31	36	31	96	14	90	10	963.5	98	240
SW-1222SN.25	1345	1115	108	1290	1150	40	21	40	21	98	10	88	10	1061.6	108	360
SW-1350SN.30	1470	1230	108	1425	1270	48	34	48	34	98	10	90	12	1179	100	365

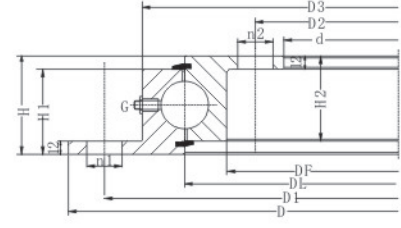
Model SW	Configuration Size			Mounting Size						Structural Size		Gear Data					weight kg
	D	d	H	D1	D2	n1	φ	n2	φ2	H1	h	B	module	Da	Z		
SW-476SW.25	565	382	98	540	410	24	17	24	17	88	10	60	5	595	117	88	
SW-576SW.20	670	470	92	640	508	18	17	18	17	83	9	60	5	695	136	110	
SW-691SW.25	785	590	99	753	628	21	36	21	36	89	10	89	10	836	81	138	
SW-968SW.22	1042	893	92	1015	922	30	17	30	17	83	9	76	8	1080	133	155	
SW-1040SW.22	1218	930	125	1104	975	42	20	48	22	100	15	110	14	1190	85	315	
SW-1215SW.25	1330	1095	108	1290	1135	48	23	48	23	98	10	90	10	1378	136	345	
SW-1248SW.40	1414	1085	144	1359	1139	44	28	44	28	135	9	115	12	1474	120	500	
SW-1391SW.32	1550	1207	130	1550	1280	48	29	48	29	116	14	96	12	1560	130	623	
SW-1578SW.40	1744	1433	156	1671	1485	60	28	60	28	140	16	140	16	1805	109	910	



N



W



U

Model N	Configuration Size			Mounting Size				Structural Size		Gear Data			weight kg
	D	da	H	D1	D2	n1	n2	H1	h	B	module	Z	
SW-414N.20	518	326.5	56	490	375	8	12	46	10	46	5	67	28
SW-544N.20	648	445.2	56	620	505	10	16	46	10	46	6	76	39
SW-644N.20	748	547.2	56	720	605	12	18	46	10	46	6	93	46
SW-744N.20	848	649.2	56	820	705	12	20	46	10	46	6	110	52
SW-844N.20	948	737.6	56	920	805	14	20	46	10	46	8	94	62
SW-944N.20	1048	841.6	56	1020	905	16	22	46	10	46	8	107	65
SW-1094N.20	1198	985.6	56	1170	1055	16	24	46	10	46	8	125	80

Model W	Configuration Size			Mounting Size				Structural Size		Gear Data			weight kg
	D	d	H	D1	D2	n1	n2	H1	h	B	module	Z	
SW-414W.20	504	304	56	455	332	10	12	46	10	46	5	99	30
SW-544W.20	640.8	434	56	585	462	14	14	46	10	46	6	105	41
SW-644W.20	742.8	534	56	685	562	16	16	46	10	46	6	122	48
SW-744W.20	838.8	634	56	785	662	18	16	46	10	46	6	138	54
SW-844W.20	950.4	734	56	885	762	18	18	46	10	46	8	117	66
SW-944W.20	1046.4	834	56	985	862	20	18	46	10	46	8	129	71
SW-1094W.20	1198.4	984	56	1135	1012	22	20	46	10	46	8	148	83

Model U	Configuration Size			Mounting Size				Structural Size		weight kg
	D	d	H	D1	D2	n1	n2	H1	H2	
SW-414.20	518	304	56	490	332	8	12	46	46	24
SW-544.20	648	434	56	620	462	10	14	46	46	31
SW-644.20	748	534	56	720	562	12	16	46	46	37
SW-744.20	848	634	56	820	662	12	16	46	46	42
SW-844.20	948	734	56	920	762	14	18	46	46	48
SW-944.20	1048	834	56	1020	862	16	20	46	46	54
SW-1094.20	1198	984	56	1170	1012	16	20	46	46	62

Assembly Precision (mm)

ITEM	Raceway Center	Four Point Single Row	Crossed Roler	Double Row	Three Row
Axial Clearance	<500	0.04-0.20	—	—	—
	≥500-710	0.04-0.25	≤ 0.02	0.10-0.20	0.03-0.06
	>710-1120	0.06-0.30	0.02-0.04	0.10-0.30	0.03-0.08
	>1120-1800	0.08-0.45	0.02-0.07	0.10-0.40	0.03-0.10
	>1800-2800	0.10-0.55	0.04-0.10	0.10-0.50	0.04-0.15
	>2800-4500	0.12-0.65	0.06-0.15	0.10-0.60	0.05-0.20
Radial Clearance	<500	0.04-0.20	—	—	—
	≥500-710	0.04-0.25	≤ 0.02	0.10-0.70	0.03-0.15
	>710-1120	0.06-0.30	0.02-0.04	0.20-0.90	0.04-0.20
	>1120-1800	0.08-0.45	0.02-0.07	0.20-1.00	0.06-0.25
	>1800-2800	0.10-0.55	0.04-0.10	0.20-1.10	0.07-0.30
	>2800-4500	0.12-0.65	0.06-0.15	0.30-1.30	0.08-0.35
Axial Runout	<500	0.10	—	—	—
	≥500-710	0.12	0.12	0.40	0.08
	>710-1120	0.15	0.14	0.50	0.12
	>1120-1800	0.25	0.16	0.60	0.15
	>1800-2800	0.30	0.25	0.70	0.20
	>2800-4500	0.35	0.30	0.80	0.25
Radial Runout	<500	0.15	—	—	—
	≥500-710	0.20	0.20	0.50	0.25
	>710-1120	0.30	0.30	0.60	0.30
	>1120-1800	0.40	0.35	0.80	0.35
	>1800-2800	0.50	0.45	1.00	0.40
	>2800-4500	0.60	0.55	1.20	0.45
Gear Runout	<500	0.30	—	—	—
	≥500-710	0.35	0.25	0.60	0.30
	>710-1120	0.40	0.30	0.80	0.35
	>1120-1800	0.50	0.40	1.00	0.40
	>1800-2800	0.65	0.50	1.20	0.60
	>2800-4500	0.80	0.60	1.40	0.75

Raceway Hardening Depth (mm)

Ball Size	≤30	>30-40	>40-50	>50
Hardening Depth(48HRC)	≥3.0	≥3.5	≥4.0	≥5.0

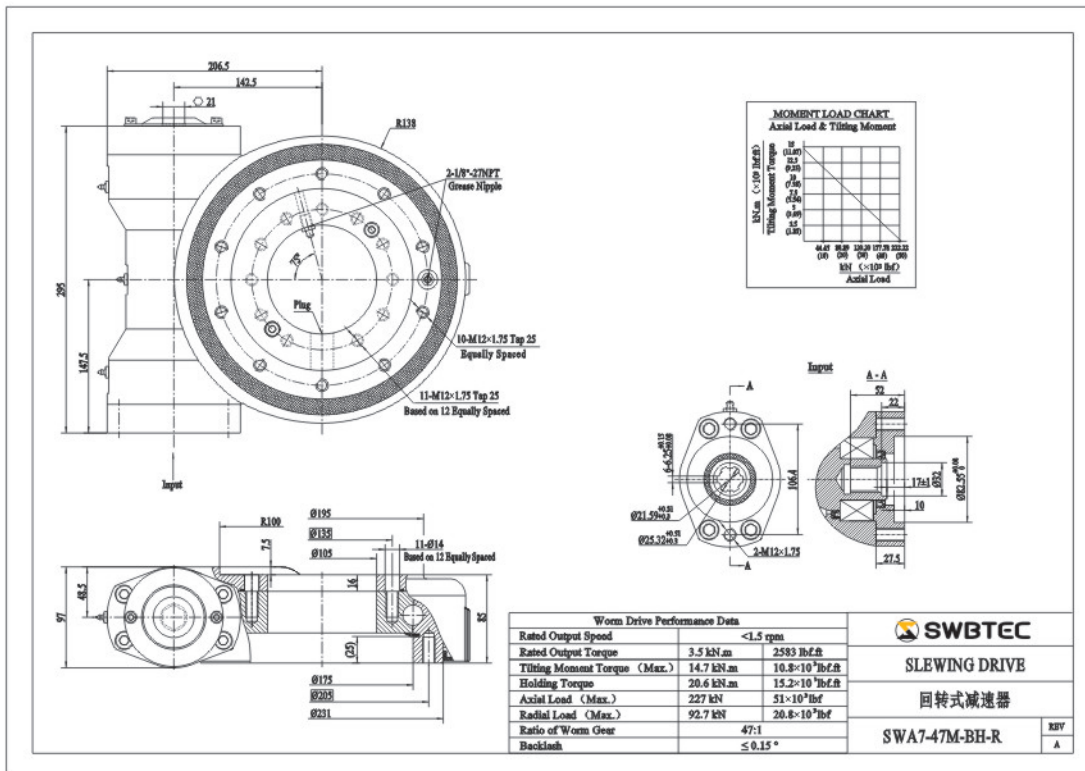
Gear Hardening Depth (mm)

Module	≤6	>6-12	>12-18	>18-25
Gear Surface	≥1.2	≥2.2	≥3.2	≥4.0
Gear Root	≥0.6	≥1.2	≥1.5	≥2.0

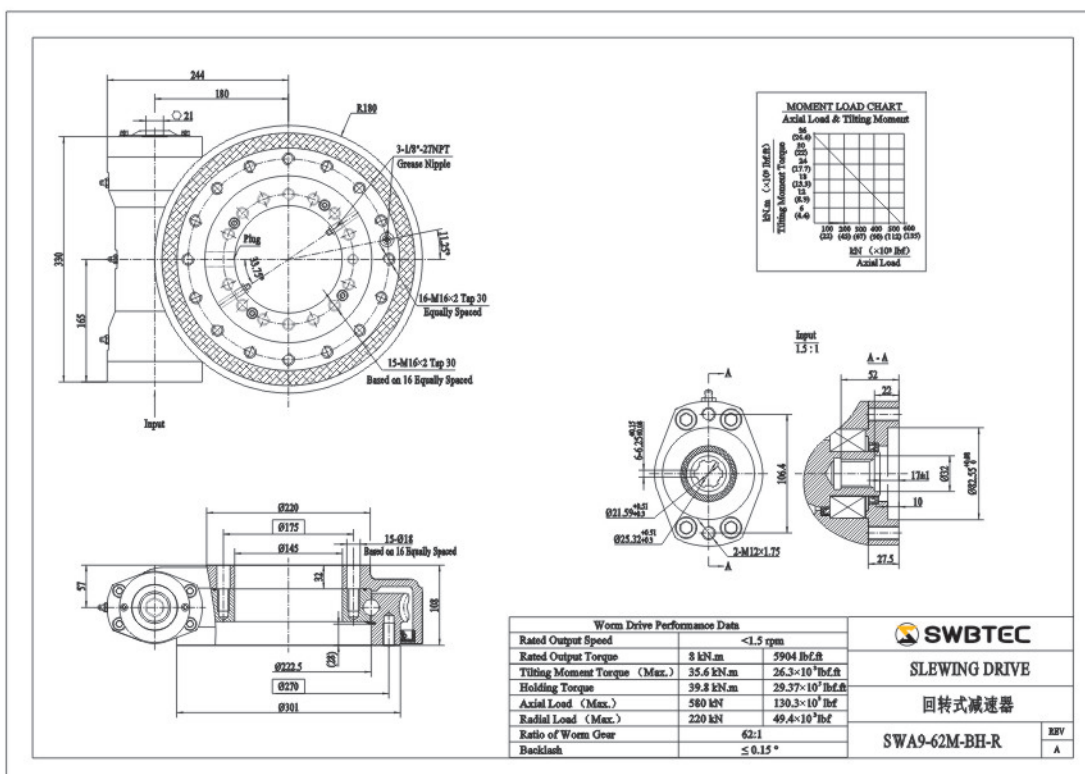
HITACHI			KOMATSU				KOBELCO	
EX45	EX210-5	EX370-5	PC20HT	PC100-5/120-5	PC220-8	PC800-7	SK60-3/5	SK210-8
ZX55	ZX200	ZX350-3	PC30	PC100-6	PC228		SK03	SK220-3
EX60-1	ZX200-5	ZX370	PC30-2	PC120-6(4D95)	PC240-7		SK03N2	SK230-6
EX60-2/3	ZX210	EX450	PC30-7	PC120-6(4D102)	PC240-8		SK04	SK235
EX60-5	ZX200-3	ZX450	PC30-8	PC130-7	PC270-7		SK75	SK250-8
EX80-5	ZX210-3	EX400-1	PC35	PC128U	PC300-2/3		SK100-3/4/5	SK260-8
ZX60	ZX225	EX400-3	PC40	PC150-5	PC300-5		SK115	SK270-4
ZX60-3	EX220-1/3/5	EX400-5	PC40-7	PC150-7	PC300-6		SK120-1/2/3/5	SK300-1
EX65	ZX230	ZX480	PC50/55/56	PC160-7	PC300-7/8		SK135	SK300-3
ZX70	ZX240	UH045-7	PW60-1	PC190	PC350-6		SK140-8	SK310
ZX80	ZX240-3	UH07-5	PC60-5	PC200-1/220-1	PC350-7		SK045N2	SK330-6E
EX90	ZX250-3	UH07-7	PC60-6(Z=76)	PC200-2	PC350-8		SK041	SK330-8
EX100-1	ZX270	UH04-1	PC60-6(Z=80)	PC200-3/220-3	PC360-7		SK907B	SK350
EX100-2/3/5	ZX270-3	UH063	PC60-7(Z=76)	PC200-5	PC400		SK07-5	SK350-8
EX120-1	ZX280-3	UH025-7	PC60-7(Z=80)	PC200-6A	PC400-3		SK200-1/2/3/5	SK14
EX120-2/3/5	EX300-1	UH055-7	PC71	PC200-6B	PC400-5		SK200-6/210-6	
ZX120	EX300-2/3	EX200SUPER	PC70-6	PC200-7(Z=92)	PC400-6		SK200-8	
ZX130	EX300-5		PC70-7	PC200-7(Z=110)	PC400-7/8		SK210-9	
ZX135	ZX330		PC75U	PC200-8	PC410-5		SK07-1	
EX150	ZX330-3		PC78	PC210-6	PC450		SK07-2(1)	
ZX160	EX330-5		PC90	PC220-5	PC450-6		SK07-2(2)	
EX200-1/2/3	ZX350		PC90-6	PC220-6	PC450-8		SK07-1-N2	
EX200-5	EX350-5		PC100-3/120-3	PC220-7	PC600-7		SK07-N2	

CATERPILLAR®		HYUNDAI		SUMITOMO		DOOSAN		VOLVO	
E70B	CAT320B	R55-5	R225-7	SH60-1/5	SH300	DH55-3	DH300-7(2)	EC55	EC240B
E110	CAT320C/D	R55-7	R245	SH100	SH300A2	DH55-5	DX300LC	EC914	EC290
E120B	CAT322C	R60-5	R260-5	SH120-1	SH330	DH60-5	DH320	EC140	EC290B
E180	CAT323	R60-7	R280	SH120A1/A2	SH340	DH60-7	DH10L	EC210	EC330B
E200A	CAT305.5	R70-7	R290	SH120A3	SH350A1/A2	DH80	DH360-5	EC210B	EC360
E200B	CAT325	R80-7	R300	SH120C3	SH350B	DH80-7	DH370-7	EC240	EC360B
E307B	CAT325C	R80-9	R290-3	SH130-5	SH400	DH80-8	DH370-9		
E307C	CAT325D	R110-7	R290-7	SH160	SH430	DH150-7	DH420	MORE	
E307D	CAT329D	R130-5	R290-9	SH200A1/A2	SH40T	DH200-3	DH500	JS140	CX220B
E308	CAT1090	R130-7	R300-5	SH200A3	SH580	DH220-2/3	DX150W-9C	JS210-31	KATO KR25H
E308C	CAT1190	R140-7	R300-7	SH200A5	LS2800EJ	DH215-7	DX350-5G	JS210-33	KATO NK400E-3
E312	CAT330C(1)	R150-7	R330-7	SH200C3		DH215-9	DX225	JS205	P*H T200-2
CAT215	CAT330C(2)	R160-7	R330-9	SH200G3		DH220-5		JS8056	TANADO TR250M-4
CAT215B	CAT330D(1)	R150-9	R305-7	SH210-5		DH220-7		PS60	TANADO TL250E-3
CAT225	CAT330D(2)	R190-5	R350-7	SH210A3		DH220-9E		PS132	TANADO TR500M
CAT229	CAT336D	R200	R320-7	SH220A1		DH225-7		PS210/SE210	TANADO TS70M-2
CAT250	CAT345B	R200-5	R335-7	SH220A3		DH225-9		SE210-2	TANADO TS75M-1
CAT280	CAT345C	R205-7	R360	SH225		DH258-7		PS280	TANADO TL250E
CAT307C/D	CAT345D	R210-3	R375-7	SH240-3		DH280		PS292	TANADO TR500M2
CAT311	CAT349C	R210W-7	R450	SH240-5		DH280-3		MS110-5	KATO NK200E-3
CAT312	CAT519	R210LC-7	R455-7	SH260		DH290		MS110-8	KATO NK200H
CAT312B	CAT529	R210W-9		SH265		DH300		MS180-3	TANADO TR800
CAT313D		R215-7		SH280		DH300-5		MS180-8	KATO KR35H-3
CAT320		R220-5		LS2800FJ2		DH300-7(1)		CX130C	

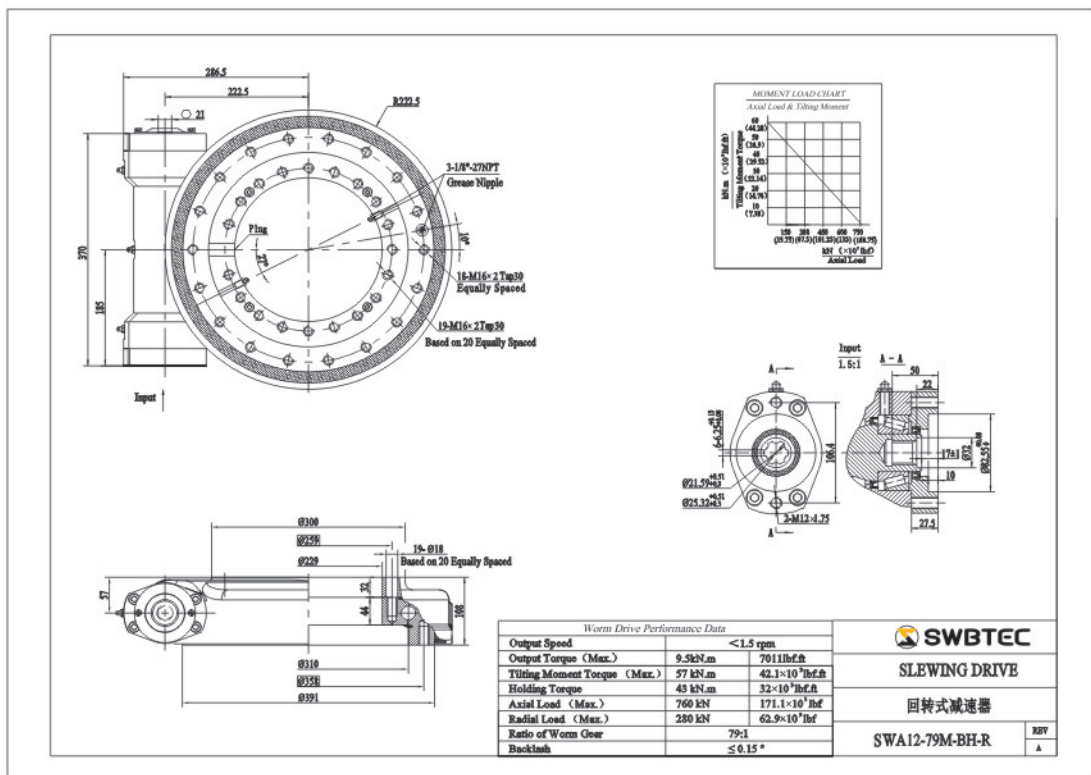
SWA7



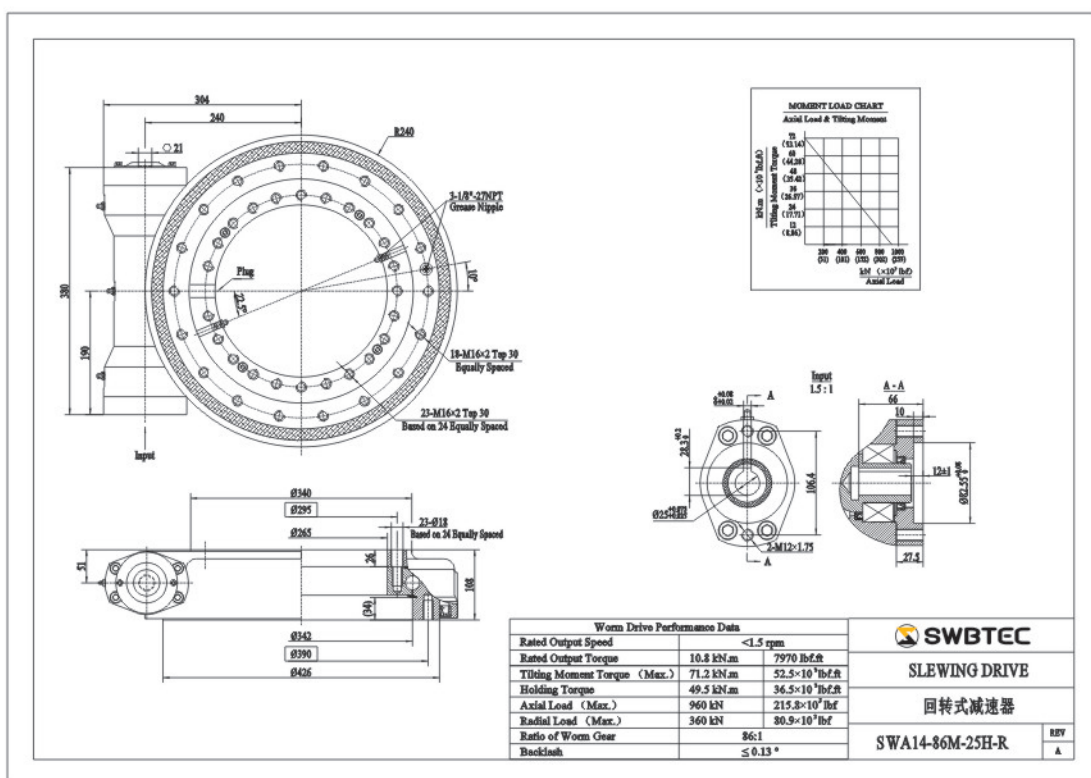
SWA9



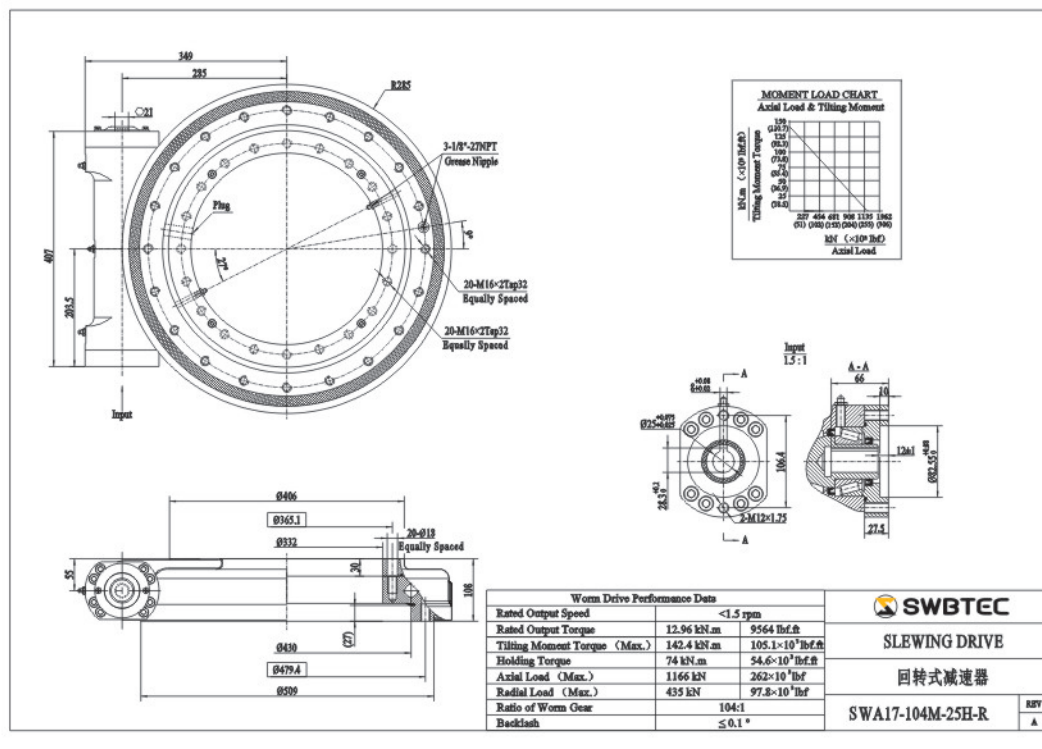
SWA12



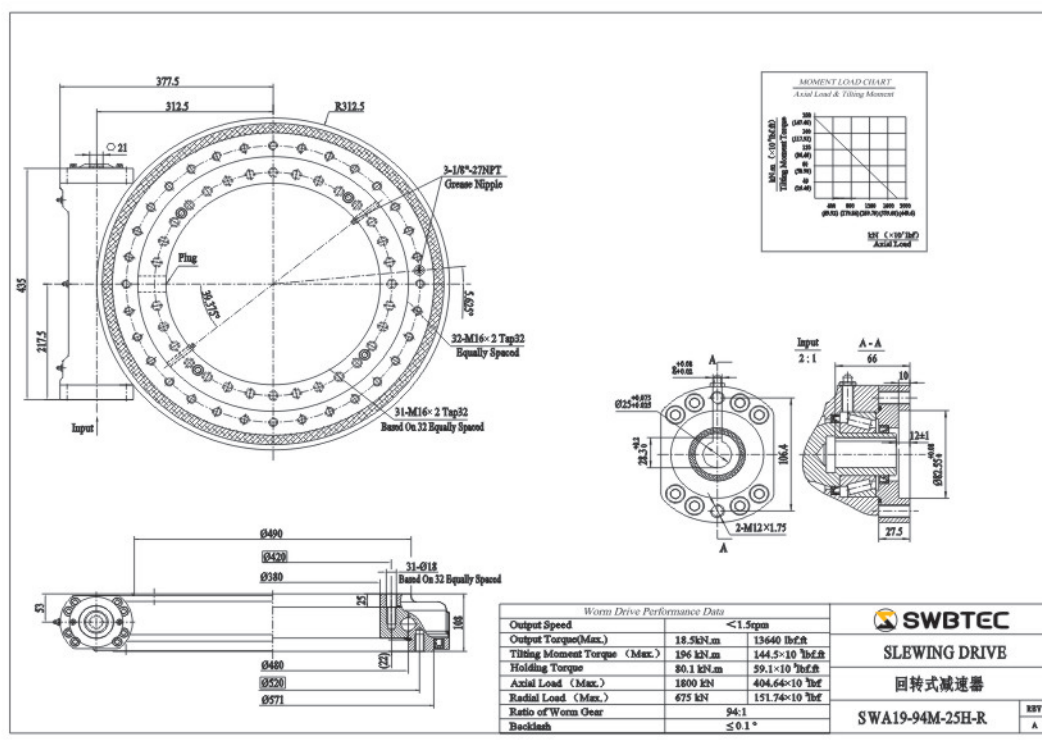
SWA14



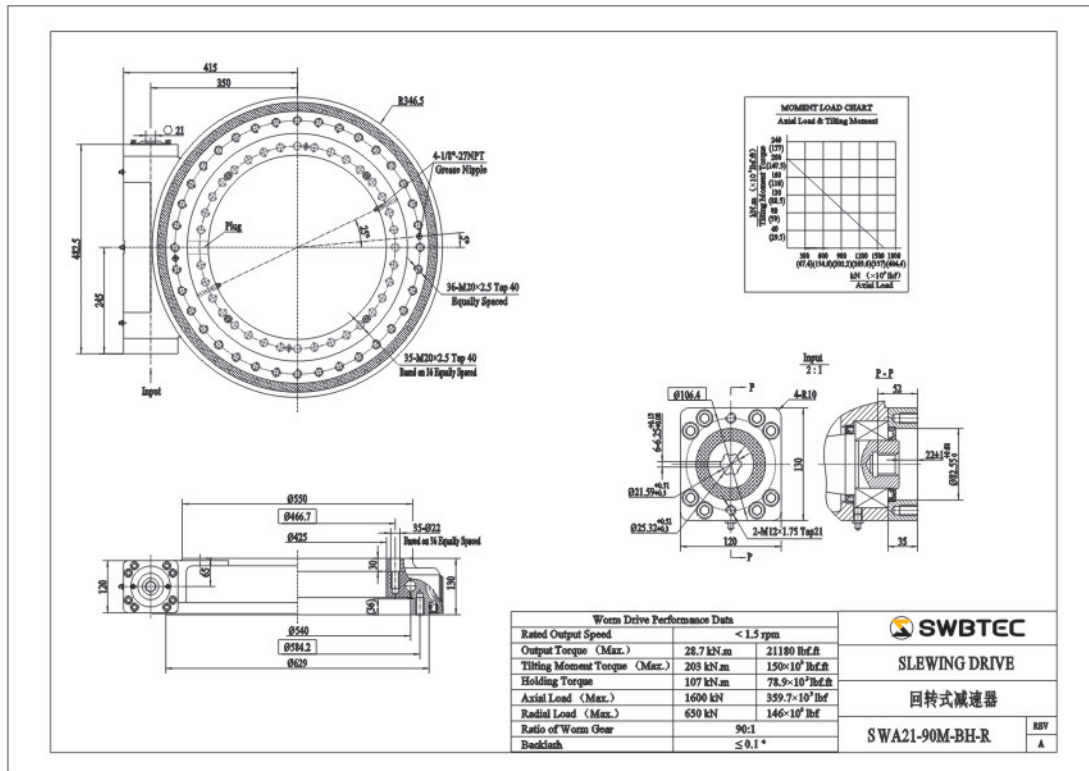
SWA17



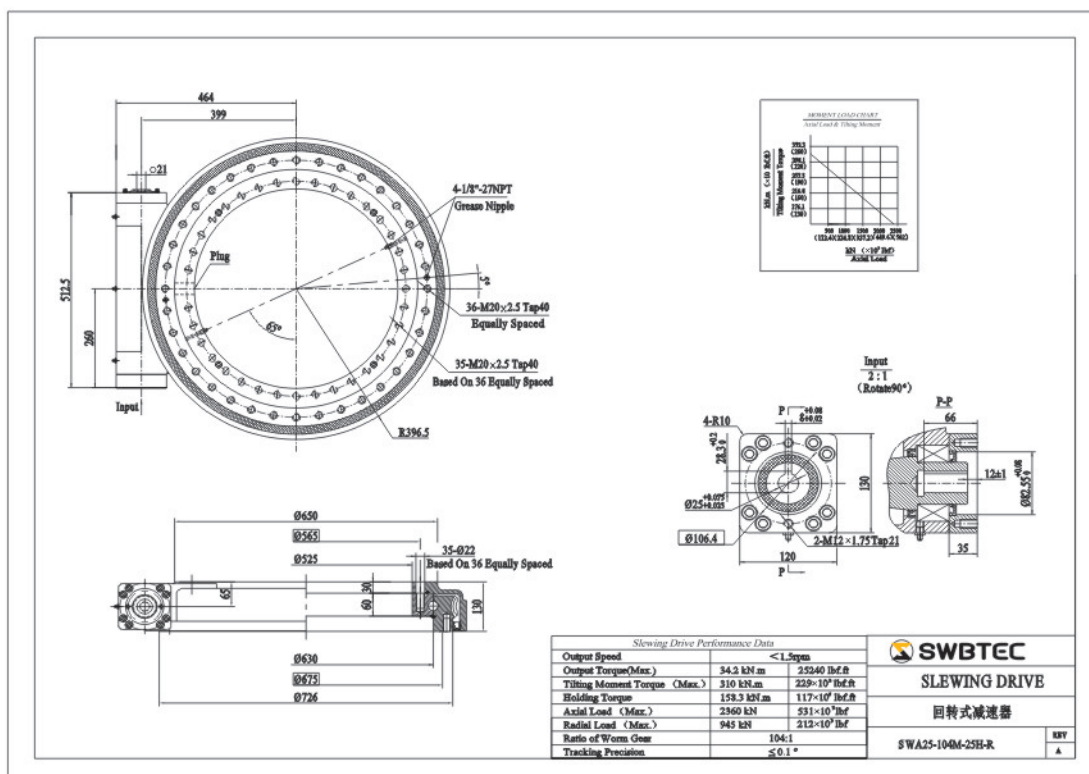
SWA19



SWA21



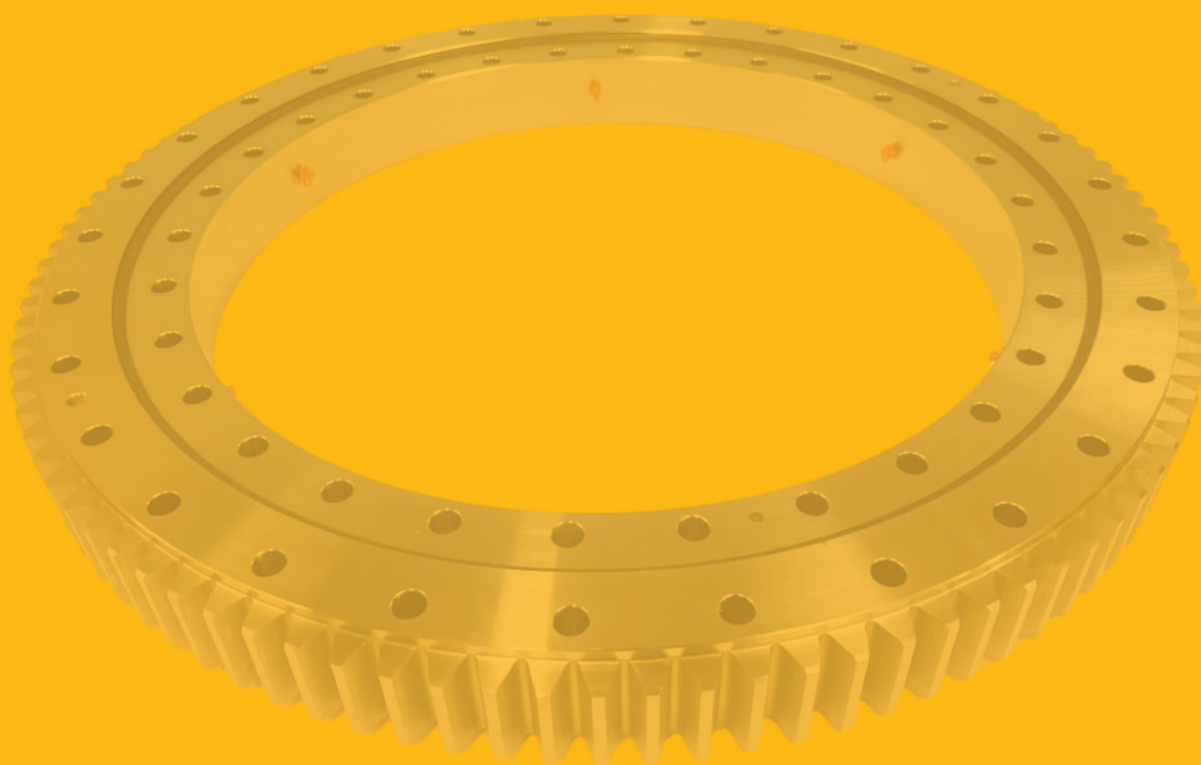
SWA25





Distribution Map Of Major Customers

NOTES



Ningguo Swbtec Industry Co.,Ltd.

Add: No.102,Ningguo Dadao,Ningguo Economic Develop Zone,Ningguo,Anhui,China,242300

Tel:+86-563-4113031 M: +86-18098501069

Email: sales@ngswbtec.com

www.ngswbtec.com