



## Spherical roller bearing with withdrawal sleeve

Designation		Principal dimensions (mm)			Basic load ratings KN		Speed ratings rpm		Bearing+ Withdrawal sleeves
Bearing	Withdrawal sleeves	d <sub>1</sub>	D	B	dyc Cr	stc Cor	Speed Ratings	Limiting Speed	
*22208EK	AH308	35	80	23	96.5	90	8000	11000	0.6
*21308EK	AH308	35	90	23	104	108	7000	9500	0.84
*22308EK	AH2308	35	90	33	150	140	6000	8000	1.2
*22209EK	AH309	40	85	23	102	98	7500	10000	0.7
*21309EK	AH309	40	100	25	125	127	6300	8500	1.1
*22309EK	AH2309	40	100	36	183	183	5300	7000	1.55
*22210EK	AHX310	45	90	23	104	108	7000	9500	0.74
*21310EK	AHX310	45	110	27	156	166	5600	7500	1.45
*22310EK	AHX2310	45	110	40	220	224	4800	6300	2.1
*22211EK	AHX311	50	100	25	125	127	6300	8500	0.95
*21311EK	AHX311	50	120	29	156	166	5600	7500	1.8
*22311EK	AHX2311	50	120	43	270	280	4300	5600	2.7
*22212EK	AHX312	55	110	28	156	166	5600	7500	1.3
*21312EK	AHX312	55	130	31	212	240	4800	6300	2.2
*22312EK	AHX2312	55	130	46	310	335	4000	5300	3.3
*22213EK	AH313G	60	120	31	193	216	5000	7000	1.7
*21313EK	AH313G	60	140	33	236	270	4300	6000	2.75
*22313EK	AH2313G	60	140	48	340	360	3800	5000	4.1
*22214EK	AH314G	65	125	31	208	228	5000	6700	1.8
*21314EK	AH314G	65	150	35	285	325	4000	5600	3.35
*22314EK	AHX2314G	65	150	51	400	430	3400	4500	4.9
*22215EK	AH315G	70	130	31	212	240	4800	6300	1.95
*21315EK	AH315G	70	160	37	285	325	4000	5600	4.15
*22315EK	AHX2315G	70	160	55	440	475	3200	4300	6
*22216EK	AH316	75	140	33	236	270	4300	6000	2.4
*21316EK	AH316	75	170	39	325	375	3800	5300	4.75
*22316EK	AHX2316	75	170	58	490	540	3000	4000	7
*22217EK	AHX317	80	150	36	285	325	4000	5600	3.05
*21317EK	AHX317	80	180	41	325	375	3800	5300	5.55
*22317EK	AHX2317	80	180	60	550	620	2800	3800	8.15
*22218EK	AHX318	85	160	40	325	375	3800	5300	3.7
*23218CCK/ W33	AHX3218	85	160	52.4	355	440	2800	3800	5
*21318EK	AHX318	85	190	43	380	450	3600	4800	6.4
*22318EK	AHX2318	85	190	64	610	695	2600	3600	9.5
*22219EK	AHX319	90	170	43	380	450	3600	4800	4.6
*21319EK	AHX319	90	200	45	425	490	3400	4500	7.4

*22319EK	AHX2319	90	200	67	670	765	2600	3400	11
*23120CCK/ W33	AHX3120	95	165	52	365	490	3000	4000	5
*22220EK	AHX320	95	180	46	425	490	3400	4500	5.4
*23220CCK/ W33	AHX3220	95	180	60.3	475	600	2400	3400	7.3
*21320EK	AHX320	95	215	47	425	490	3400	4500	9.1
*22320EK	AHX2320	95	215	73	815	950	2400	3000	14
*23022CCK/ W33	AHX322	105	170	45	310	440	3400	4300	4.45
*23122CCK/ W33	AHX3122	105	180	56	430	585	2800	3600	6.35
*24122CCK 30/W33	AH24122	105	180	69	520	750	2200	3000	7.65
*22222EK	AHX3122	105	200	53	560	640	3000	4000	7.5
*23222CCK/ W33	AHX3222G	105	200	69.8	600	765	2200	3200	10.5
*22322EK	AHX2322G	105	240	80	950	1120	2000	2800	19.5
*23024CCK/ W33	AHX3024	115	180	46	355	510	3200	4000	4.8
*24024CCK 30/W33	AH24024	115	180	60	430	670	2400	3400	5.95
*23124CCK/ W33	AHX3124	115	200	62	510	695	2600	3400	8.7
*24124CCK 30/W33	AH24124	115	200	80	655	950	1900	2600	10.8
*22224EK	AHX3124	115	215	58	630	765	2800	3800	9.55
*23224CCK/ W33	AHX3224G	115	215	76	695	930	2000	2800	13
*22324CCK/ W33	AHX2324G	115	260	86	965	1120	2000	2600	24
*23026CCK/ W33	AHX3026	125	200	52	430	610	2800	3600	6.75
*24026CCK 30/W33	AH24026	125	200	69	540	815	2000	3000	8.65
*23126CCK/ W33	AHX3126	125	210	64	560	780	2400	3200	9.6
*24126CCK 30/W33	AH24126	125	210	80	680	1000	1800	2400	11.7
*22226EK	AHX3126	125	230	64	735	930	2600	3600	11.6
*23226CCK/ W33	AHX3226G	125	230	80	780	1060	1900	2600	15.5
*22326CCK/ W33	AHX2326G	125	280	93	1120	1320	1800	2400	30.5
*23028CCK/ W33	AHX3028	135	210	53	465	680	2600	3400	7.35
*24028CCK 30/W33	AH24028	135	210	69	570	900	2000	2800	9.2
*23128CCK/ W33	AHX3128	135	225	68	630	900	2200	2800	11.5
*24128CCK 30/W33	AH24128	135	225	85	765	1160	1700	2400	14.3

*2228CCK/ W33	AHX3128	135	250	68	710	900	2400	3200	15
*2328CCK/ W33	AHX3228G	135	250	88	915	1250	1700	2400	20.5
*22328CCK/ W33	AHX2328G	135	300	102	1290	1560	1700	2200	38
*23030CCK/ W33	AHX3030	145	225	56	510	750	2400	3200	8.85
*24030CCK 30/W33	AH24030	145	225	75	655	1040	1800	2600	11.3
*23130CCK/ W33	AHX3130G	145	250	80	830	1200	2000	2600	17
*24130CCK 30/W33	AH24130	145	250	100	1020	1530	1500	2200	21
*22230CCK/ W33	AHX3130G	145	270	73	850	1080	2200	3000	19
*23230CCK/ W33	AHX3230G	145	270	96	1080	1460	1600	2200	26
*22330CCK/ W33	AHX2330G	145	320	108	1460	1760	1600	2000	45.5
*23032CCK/ W33	AH3032	150	240	60	585	880	2400	3000	11.5
*24032CCK 30/W33	AH24032	150	240	80	750	1200	1700	2400	14.8
*23132CCK/ W33	AH3132G	150	270	86	980	1370	1900	2400	23
*24132CCK 30/W33	AH24132	150	270	109	1180	1760	1400	1900	28.5
*22232CCK/ W33	AH3132G	150	290	80	1000	1290	2000	2800	25
*23232CCK/ W33	AH3232G	150	290	104	1220	1660	1500	2200	34.5
*22332CCK/ W33	AH2332G	150	340	114	1600	1960	1500	1900	56
*23034CCK/ W33	AH3034	160	260	67	710	1060	2200	2800	15
*24034CCK 30/W33	AH24034	160	260	90	930	1460	1600	2400	20
*23134CCK/ W33	AH3134G	160	280	88	1040	1500	1800	2400	25
*24134CCK 30/W33	AH24134	160	280	109	1220	1860	1300	1900	30
*22234CCK/ W33	AH3134G	160	310	86	1120	1460	1900	2600	31
*23234CCK/ W33	AH3234G	160	310	110	1400	1930	1400	2000	41
*22334CCK/ W33	AH2334G	160	360	120	1760	2160	1400	1800	65.5
*23036CCK/ W33	AH3036	170	280	74	830	1250	2000	2600	19.3
*24036CCK 30/W33	AH24036	170	280	100	1080	1730	1500	2200	25.7
*23136CCK/ W33	AH3136G	170	300	96	1200	1760	1700	2200	32

*24136CCK 30/W33	AH24136	170	300	118	1400	2160	1300	1700	37
*22236CCK/ W33	AH2236G	170	320	86	1180	1560	1800	2600	32.5
*23236CCK/ W33	AH3236G	170	320	112	1500	2120	1300	1900	43.5
*22336CCK/ W33	AH2336G	170	380	126	2000	2450	1300	1700	76
*23038CCK/ W33	AH3038G	180	290	75	865	1340	1900	2400	21
*24038CCK 30/W33	AH24038	180	290	100	1120	1800	1400	2000	27.5
*23138CCK/ W33	AH3138G	180	320	104	1370	2080	1500	2000	38.5
*24138CCK 30/W33	AH24138	180	320	128	1600	2500	1200	1600	46.5
*22238CCK/ W33	AH2238G	180	340	92	1270	1700	1700	2400	39.5
*23238CCK/ W33	AH3238G	180	340	120	1660	2400	1300	1800	52.5
*22338CCK/ W33	AH2338G	180	400	132	2120	2650	1200	1600	87.5
*23040CCK/ W33	AH3040G	190	310	82	1000	1530	1800	2200	26.3
*24040CCK 30/W33	AH24040	190	310	109	1290	2120	1300	1900	34.5
*23140CCK/ W33	AH3140	190	340	112	1600	2360	1500	1900	48.5
*24140CCK 30/W33	AH24140	190	340	140	1800	2800	1100	1500	57.5
*22240CCK/ W33	AH2240	190	360	98	1460	1930	1600	2200	47
*23240CCK/ W33	AH3240	190	360	128	1860	2700	1200	1700	63
*22340CCK/ W33	AH2340	190	420	138	2320	2900	1200	1500	100
*23044CCK/ W33	AOH3044G	200	340	90	1220	1860	1600	2000	36.5
*24044CCK 30/W33	AOH24044	200	340	118	1560	2600	1200	1700	47.5
*23144CCK/ W33	AOH3144	200	370	120	1800	2750	1300	1700	61.5
*24144CCK 30/W33	AOH24144	200	370	150	2120	3350	1000	1400	76
*22244CCK/ W33	AOH2244	200	400	108	1760	2360	1500	2000	68
*23244CCK/ W33	AOH2344	200	400	144	2360	3450	1100	1500	93
*22344CCK/ W33	AOH2344	200	460	145	2700	3450	1000	1400	130
*23048CCK/ W33	AOH3048	220	360	92	1290	2080	1500	1900	40.5
*24048CCK 30/W33	AOH24048	220	360	118	1600	2700	1100	1600	50.5

*23148CCK/ W33	AOH3148	220	400	128	2080	3200	1200	1600	76.5
*24148CCK 30/W33	AOH24148	220	400	160	2400	3900	900	1300	91.5
*22248CCK/ W33	AOH2248	220	440	120	2200	3000	1300	1800	95
*23248CCK/ W33	AOH2348	220	440	160	2900	4300	950	1300	120
*22348CCK/ W33	AOH2348	220	500	155	3100	4000	950	1300	165
*23052CCK/ W33	AOH3052	240	400	104	1600	2550	1300	1700	56.5
*24052CCK 30/W33	AOH24052 G	240	400	140	2040	3450	1000	1400	75
*23152CCK/ W33	AOH3152G	240	440	144	2550	3900	1100	1400	105
*24152CCK 30/W33	AOH24152	240	440	180	3000	4800	850	1200	120
*22252CCK/ W33	AOH2252G	240	480	130	2650	3550	1200	1600	120
*23252CCK/ W33	AOH2352G	240	480	174	3250	4750	850	1200	155
*22352CCK/ W33	AOH2352G	260	540	165	3550	4550	850	1100	205
*23056CCK/ W33	AOH3056	260	420	106	1730	2850	1300	1600	62
*24056CCK 30/W33	AOH24056 G	260	420	140	2160	3800	950	1400	79
*23156CCK/ W33	AOH3156G	260	460	146	2650	4250	1000	1300	110
*24156CCK 30/W33	AOH24156	260	460	180	3100	5100	800	1100	130
*22256CCK/ W33	AOH2256G	260	500	130	2700	3750	1100	1500	125
*23256CCK/ W33	AOH2356G	260	500	176	3250	4900	800	1100	160
*22356CCK/ W33	AOH2356G	280	580	175	4000	5200	800	1100	245
*23060CCK/ W33	AOH3060	280	460	118	2120	3450	1200	1500	82.5
*24060CCK 30/W33	AOH24060 G	280	460	160	2700	4750	850	1200	110
*23160CCK/ W33	AOH3160G	280	500	160	3200	5100	950	1200	140
*24160CCK 30/W33	AOH24160	280	500	200	3750	6300	700	1000	180
*22260CCK/ W33	AOH2260G	280	540	140	3150	4250	1000	1400	155
*23260CCK/ W33	AOH3260G	300	540	192	3900	5850	750	1000	200
*23064CCK/ W33	AOH3064G	300	480	121	2240	3800	1100	1400	89
*24064CCK 30/W33	AOH24064 G	300	480	160	2850	5100	800	1200	115

*23164CCK/ W33	AOH3164G	300	540	176	3750	6000	850	1100	175
*24164CCK 30/W33	AOH24164	300	540	218	4250	7100	670	900	225
*22264CCK/ W33	AOH2264G	300	580	150	3600	4900	950	1300	185
*23264CCK/ W33	AOH3264G	320	580	208	4400	6700	700	950	250
*23068CCK/ W33	AOH3068G	320	520	133	2700	4550	1000	1300	120
*24068CCK 30/W33	AOH24068	320	520	180	3450	6200	750	1100	160
*23168CCK/ W33	AOH3168G	320	580	190	4250	6800	800	1000	225
*24168ECC K30J/W33	AOH24168	320	580	243	5300	8650	600	850	295
*23268CAK/ W33	AOH3268G	320	620	224	5100	7800	560	800	315
*23072CCK/ W33	AOH3072G	340	540	134	2750	4800	950	1200	125
*24072CCK 30/W33	AOH24072	340	540	180	3550	6550	700	1000	165
*23172CCK/ W33	AOH3172G	340	600	192	4300	6950	750	1000	235
*24172ECC K30J/W33	AOH24172	340	600	243	5600	9300	560	800	295
*22272CAK/ W33	AOH3172G	340	650	170	4300	6200	630	850	275
*23272CAK/ W33	AOH3272G	340	650	232	5400	8300	530	750	345
*23076CCK/ W33	AOH3076G	360	560	135	2900	5000	900	1200	135
*24076CCK 30/W33	AOH24076	360	560	180	3600	6800	670	950	170
*23176CAK/ W33	AOH3176G	360	620	194	4400	7100	560	1000	250
*24176ECA K30/W33	AOH24176	360	620	243	5700	9800	480	850	325
*23276CAK/ W33	AOH3276G	360	680	240	5850	9150	500	750	390
*23080CCK/ W33	AOH3080G	380	600	148	3250	5700	850	1100	165
*24080ECC K30J/W33	AOH24080	380	600	200	4300	8000	630	900	220
*23180CAK/ W33	AOH3180G	380	650	200	4650	7650	530	950	290
*24180ECA K30/W33	AOH24180	380	650	250	6200	10600	430	800	365
*23280CAK/ W33	AOH3280G	380	720	256	6550	10400	480	670	470
*22380CAK/ W33	AOH3280G	380	820	243	7500	10400	430	750	675
*23084CAK/ W33	AOH3084G	400	620	150	3400	6000	600	1100	175

*24084ECA K30/W33	AOH24084	400	620	200	4400	8300	530	900	230
*23184CKJ/ W33	AOH3184G	400	700	224	5600	9300	480	900	375
*24184ECA K30/W33	AOH24184	400	700	280	7350	12600	400	700	470
*23284CAK/ W33	AOH3284G	400	760	272	7350	11600	450	630	550
*23088CAK/ W33	AOHX3088 G	420	650	157	3650	6550	560	1000	200
*24088ECA K30/W33	AOH24088	420	650	212	4800	9150	500	850	275
*23188CAK/ W33	AOHX3188 G	420	720	226	6000	10000	450	850	380
*24188ECA K30/W33	AOH24188	420	720	280	7500	13200	400	700	490
*23288CAK/ W33	AOHX3288 G	420	790	280	7800	12500	430	600	620
*23092CAK/ W33	AOHX3092 G	440	680	163	3900	6950	560	950	225
*24092ECA K30/W33	AOH24092	440	680	218	5200	10000	480	800	300
*23192CAK/ W33	AOHX3192 G	440	760	240	6400	10800	430	800	465
*24192ECA K30/W33	AOH24192	440	760	300	8300	14600	360	670	590
*23292CAK/ W33	AOHX3292 G	440	830	296	8500	13700	400	560	725
*23096CAK/ W33	AOHX3096 G	460	700	165	3900	6800	530	950	235
*24096ECA K30/W33	AOH24096	460	700	218	5300	10400	450	750	310
*23196CAK/ W33	AOHX3196 G	460	790	248	6950	12000	400	750	515
*24196ECA K30/W33	AOH24196	460	790	308	9000	15600	340	630	635
*23296CAK/ W33	AOHX3296 G	460	870	310	9300	15000	380	530	860
*230/500CA K/W33	AOHX30/50 0G	480	720	167	4150	7800	500	900	250
*240/500EC AK30/W33	AOH240/50 0	480	720	218	5500	11000	430	700	325
*231/500CA K/W33	AOHX31/50 0G	480	830	264	7650	12900	380	700	610
*241/500EC AK30/W33	AOH241/50 0	480	830	325	9800	17000	320	600	735
*232/500CA K/W33	AOHX32/50 0G	480	920	336	10600	17300	360	500	1020
*230/530CA K/W33	AOH30/530	500	780	185	5100	9300	450	800	360
*240/530EC AK30/W33	AOH240/53 0G	500	780	250	6700	13200	400	670	455
*231/530CA K/W33	AOH31/530	500	870	272	8150	14000	360	670	715

*241/530EC AK30/W33	AOH241/53 0G	500	870	335	10600	19000	300	560	885
232/530CAK /W33	AOH32/530 G	500	980	355	11100	20400	300	480	1285
*230/560CA K/W33	AOHX30/56 0	530	820	195	5600	10200	430	750	430
*240/560EC AK30/W33	AOH240/56 0G	530	820	258	7350	14600	380	630	515
*231/560CA K/W33	AOH31/560	530	920	280	9150	16000	340	630	850
*241/560EC K30J/W33	AOH241/56 0G	530	920	355	12000	21600	280	500	1060
232/560CAK /W33	AOHX32/56 0	530	1030	365	11500	22000	280	430	1500
*230/600CA K/W33	AOHX30/60 0	570	870	200	6000	11400	400	700	480
*240/600EC AK30/W33	AOHX240/6 00	570	870	272	8150	17000	340	560	595
*231/600CA K/W33	AOHX31/60 0	570	980	300	10200	18000	320	560	1010
241/600ECA K30/W33	AOHX241/6 00	570	980	375	11500	23600	240	480	1290
232/600CAK /W33	AOHX32/60 0G	570	1090	388	13100	25500	260	400	1760
*230/630CA K/W33	AOH30/630	600	920	212	6700	12500	380	670	575
*240/630EC K30J/W33	AOH240/63 0G	600	920	290	8800	18000	320	530	730
231/630CAK /W33	AOH31/630	600	1030	315	10500	20800	260	530	1190
241/630ECA K30/W33	AOH241/63 0G	600	1030	400	12700	27000	220	450	1500
*230/670CA K/W33	AOH30/670	630	980	230	7650	14600	340	600	720
*240/670EC AK30/W33	AOH240/67 0G	630	980	308	10000	20400	300	500	900
231/670CAK /W33	AOHX31/67 0	630	1090	336	10900	22400	240	500	1430
241/670ECA K30/W33	AOH241/67 0	630	1090	412	13800	29000	200	400	1730
232/670CAK /W33	AOH32/670 G	630	1220	438	15400	30500	220	360	2500
*230/710CA K/W33	AOHX30/71 0	670	1030	236	8300	16300	320	560	800
240/710ECA K30/W33	AOH240/71 0G	670	1030	315	9370	22800	260	450	1010
231/710CAK /W33	AOHX31/71 0	670	1150	345	12200	26000	240	450	1650
241/710ECA K30/W33	AOH241/71 0	670	1150	438	15200	32500	190	380	2040
232/710CAK /W33	AOH32/710 G	670	1280	450	17600	34500	200	320	2880
*230/750CA K/W33	AOH30/750	710	1090	250	9650	18600	300	530	950



240/750ECA K30/W33	AOH240/75 0G	710	1090	335	10100	25000	240	430	1200
231/750CAK /W33	AOH31/750	710	1220	365	13800	29000	220	430	1930
241/750ECA K30/W33	AOH241/75 0G	710	1220	475	17300	37500	180	360	2280
232/750CAK F/W33	AOH32/750	710	1360	475	18700	36500	190	300	3255
*230/800CA K/W33	AOH30/800	750	1150	258	10000	20000	280	480	1100
240/800ECA K30/W33	AOH240/80 0G	750	1150	345	11100	28500	220	400	1380
231/800CAK /W33	AOH31/800	750	1280	375	14800	31500	200	400	2200
241/800ECA K30/W33	AOH241/80 0G	750	1280	475	18400	40500	170	320	2540
230/850CAK /W33	AOH30/850	800	1220	272	9370	21600	240	450	1250
240/850ECA K30/W33	AOH240/85 0G	800	1220	365	12700	31500	200	360	1670
231/850CAK /W33	AOH31/850	800	1360	400	16100	34500	180	360	2500
241/850ECA K30F/W33	AOH241/85 0	800	1360	500	20200	45000	150	300	3050
230/900CAK /W33	AOH30/900	850	1280	280	10100	23200	220	400	1450
240/900ECA K30/W33	AOH240/90 0	850	1280	375	13600	34500	190	340	1850
241/900ECA K30F/W33	AOH241/90 0	850	1420	515	21400	49000	140	280	3700
230/950CAK /W33	AOH30/950	900	1360	300	12000	28500	200	380	1720
240/950CAK 30F/W33	AOH240/95 0	900	1360	412	14800	39000	170	300	2300
241/950ECA K30F/W33	AOH241/95 0	900	1500	545	23900	55000	130	260	3950

**Changzhi TEBearing Corp., Ltd.**

1 Huafeng North Road Changzhi city, Shanxi province, China

Tel: +86 355 3022969

Mobile: +86 18635527655

Skype: shawwinliu

[Email: tebearing@aliyun.com](mailto:tebearing@aliyun.com)

[shawwin@tebearing.com](mailto:shawwin@tebearing.com)

[Skype: shawwinliu](skype:shawwinliu)

[www.tebearing.com](http://www.tebearing.com)

<http://te-bearing.en.alibaba.com>