

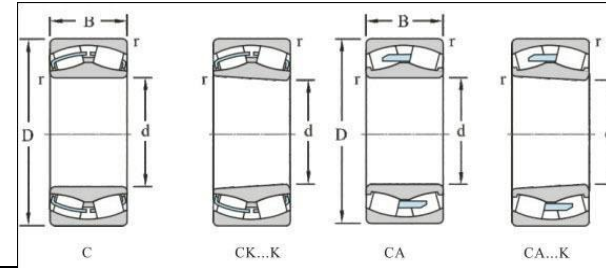
Spherical roller bearings



Dalian Goldbull Bearing Co.,Ltd

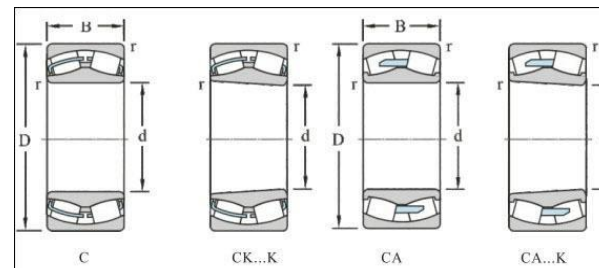
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Spherical roller bearings



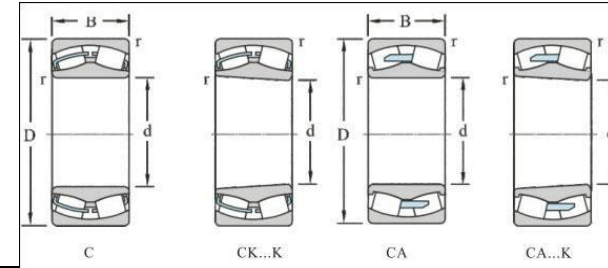
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
22206CA	30	62	20	48.9	52	7500	9500	0.33	2	3	2	0.28
22206CAK	30	62	20	48.9	52	7500	9500	0.33	2	3	2	0.28
21306CA	30	72	19	55.2	61	6000	7500	0.27	2.5	3.7	2.5	0.38
22207CA	35	72	23	67.3	73.5	6300	8000	0.31	2.2	3.3	2.2	0.43
22207CAK	35	72	23	67.3	73.5	6300	8000	0.31	2.2	3.3	2.2	0.43
21307CA	35	80	21	65.6	72	5300	6700	0.28	2.4	3.6	2.5	0.51
22208CA	40	80	23	73.6	81.5	6000	7500	0.28	2.4	3.6	2.5	0.52
22208CAK	40	80	23	73.6	81.5	6000	7500	0.28	2.4	3.6	2.5	0.52
21308CA	40	90	23	82.8	98	4500	5600	0.26	2.6	3.9	2.5	0.71
21308CAK	40	90	23	82.8	98	4500	5600	0.26	2.6	3.9	2.5	0.71
22308CA	40	90	33	115	122	4500	5600	0.37	1.8	2.7	1.8	1.00
22308CAK	40	90	33	115	122	4500	5600	0.37	1.8	2.7	1.8	1.00
22209CA	45	85	23	77.1	88	5300	6700	0.26	2.6	3.9	2.5	0.56
22209CAK	45	85	23	77.1	88	5300	6700	0.26	2.6	3.9	2.5	0.56
21309CA	45	100	25	101	114	4300	5300	0.26	2.6	3.9	2.5	0.95
21309CAK	45	100	25	101	114	4300	5300	0.26	2.6	3.9	2.5	0.95
22309CA	45	100	36	138	160	3800	4800	0.37	1.8	2.7	1.8	1.35
22309CAK	45	100	36	138	160	3800	4800	0.37	1.8	2.7	1.8	1.35
22210CA	50	90	23	84.5	100	5000	6300	0.24	2.8	4.2	2.8	0.60
22210CAK	50	90	23	84.5	100	5000	6300	0.24	2.8	4.2	2.8	0.60

Spherical roller bearings



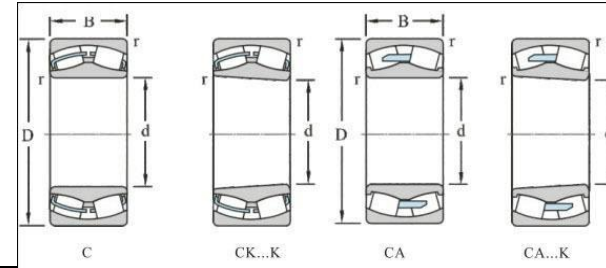
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
21310CA	50	110	27	120	140	3600	4800	0.25	2.7	4	2.5	1.20
21310CAK	50	110	27	120	140	3600	4800	0.25	2.7	4	2.5	1.20
22310CA	50	110	40	176	200	3400	4300	0.37	1.8	2.7	1.8	1.85
22310CAK	50	110	40	176	200	3400	4300	0.37	1.8	2.7	1.8	1.85
22211CA	55	100	25	99.5	118	4500	5600	0.24	2.8	4.2	2.8	0.82
22211CAK	55	100	25	99.5	118	4500	5600	0.24	2.8	4.2	2.8	0.82
21311CA	55	120	29	138	163	3400	4300	0.25	2.7	4	2.5	1.60
21311CAK	55	120	29	138	163	3400	4300	0.25	2.7	4	2.5	1.60
22311CA	55	120	43	235	280	3200	4000	0.35	1.9	2.9	1.8	2.35
22311CAK	55	120	43	235	280	3200	4000	0.35	1.9	2.9	1.8	2.35
22212CA	60	110	28	122	146	4000	5000	0.24	2.8	4.2	2.8	1.10
22212CAK	60	110	28	122	146	4000	5000	0.24	2.8	4.2	2.8	1.10
22212	60	110	28	121	145	4000	5000	0.27	2.5	3.7	2.5	1.09
21312CA	60	130	31	161	200	3000	3800	0.24	2.8	4.2	2.8	1.95
21312CAK	60	130	31	161	200	3000	3800	0.24	2.8	4.2	2.8	1.95
22312CA	60	130	46	235	295	3000	3800	0.37	1.8	2.7	1.8	3.33
22312CAK	60	130	46	235	295	3000	3800	0.37	1.8	2.7	1.8	3.33
22312	60	130	46	225	248	3000	3800	0.40	1.68	2.5	1.64	2.86
22312K	60	130	46	225	248	3000	3800	0.40	1.68	2.5	1.64	2.86
22213CA	65	120	31	148	183	3800	4800	0.25	2.7	4	2.5	1.56
22213CAK	65	120	31	148	183	3800	4800	0.25	2.7	4	2.5	1.56

Spherical roller bearings



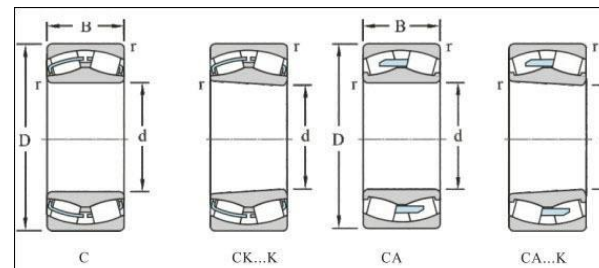
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
21313CA	65	140	33	184	240	2800	3600	0.25	2.7	4	2.6	2.58
21313CAK	65	140	33	184	240	2800	3600	0.25	2.7	4	2.6	2.58
22313CA	65	140	48	253	300	2600	3400	0.35	1.9	2.9	1.8	3.55
22313CAK	65	140	48	253	300	2600	3400	0.35	1.9	2.9	1.8	3.55
22214CA	70	125	31	148	186	3600	4500	0.24	3	4.6	2.8	1.83
22214CAK	70	125	31	148	186	3600	4500	0.24	3	4.6	2.8	1.83
21314CA	70	150	35	207	260	2600	3400	0.25	2.7	4	2.6	3.02
21314CAK	70	150	35	207	260	2600	3400	0.25	2.7	4	2.6	3.02
22314CA	70	150	51	311	380	2400	3200	0.35	1.9	2.9	1.8	5.23
22314CAK	70	150	51	311	380	2400	3200	0.35	1.9	2.9	1.8	5.21
24015CA	75	115	40	164	250	2900	3500	0.32	2.09	3.11	2.04	1.48
24015CAK	75	115	40	164	250	2900	3500	0.32	2.09	3.11	2.04	1.48
22215	75	130	31	150	192	3400	4300	0.22	2.9	4.6	2.8	1.73
22215K	75	130	31	150	192	3400	4300	0.22	2.9	4.6	2.8	1.73
22215CA	75	130	31	201	228	3400	4300	0.24	3	4.6	2.8	1.71
22215CAK	75	130	31	201	228	3400	4300	0.24	3	4.6	2.8	1.67
21315CA	75	160	37	235	300	2400	3200	0.23	2.9	4.4	2.8	3.55
21315CAK	75	160	37	235	300	2400	3200	0.23	2.9	4.4	2.8	3.55
22315CA	75	160	55	3/85	475	2200	3000	0.35	1.9	2.9	1.8	5.44
22315CAK	75	160	55	3/85	475	2200	3000	0.35	1.9	2.9	1.8	5.32
22216CA	80	140	33	176	228	3200	4000	0.24	2.8	4.2	2.8	2.08

Spherical roller bearings



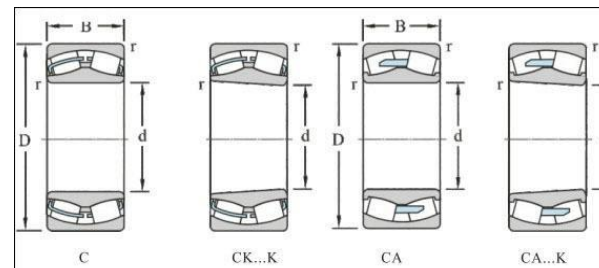
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
22216CAK	80	140	33	176	228	3200	4000	0.24	2.8	4.2	2.8	2.03
21316CA	80	170	39	258	335	3200	3000	0.23	2.9	4.4	2.8	4.2
21316CAK	80	170	39	258	335	3200	3000	0.23	2.9	4.4	2.8	4.1
22316CA	80	170	58	374	455	2000	2800	0.34	1.99	2.96	1.94	7.47
22316CAK	80	170	58	374	455	2000	2800	0.34	1.99	2.96	1.94	7.4
206/82.6CA/W33	82.6	170	58	380	495	2000	2800	0.34	1.99	2.96	1.94	6.37
22217CA	85	150	36	210	270	3000	3800	0.24	2.8	4.2	2.8	2.69
22217CAK	85	150	36	210	270	3000	3800	0.24	2.8	4.2	2.8	2.64
21317CA	85	180	41	293	360	200	2800	0.24	2.8	4.2	2.8	5.42
21317CAK	85	180	41	293	360	200	2800	0.24	2.8	4.2	2.8	5.35
22317CA	85	180	60	390	505	1900	2600	0.34	1.99	2.96	1.94	8.19
22317CAK	85	180	60	390	505	1900	2600	0.34	1.99	2.96	1.94	8.08
24018CA	90	140	50	233	390	2600	3400	0.33	2	3	2	3.25
24018CAK	90	140	50	233	390	2600	3400	0.33	2	3	2	3.17
22218CA	90	160	40	253	340	2600	3400	0.25	2.7	4	2.6	3.4
22218CAK	90	160	40	253	340	2600	3400	0.25	2.7	4	2.6	3.28
23218	90	160	52.4	287	415	1900	2600	0.35	1.9	2.9	1.8	4.64
23218K	90	160	52.4	287	415	1900	2600	0.35	1.9	2.9	1.8	4.5
23218CA	90	160	52.4	337	475	1900	2600	0.25	2.7	4	2.6	4.82
23218CAK	90	160	52.4	337	475	1900	2600	0.25	2.7	4	2.6	4.55
24218X2CAYB2	90	160	67	334	475	1900	2600	0.31	2.2	3.3	2.2	5.87

Spherical roller bearings



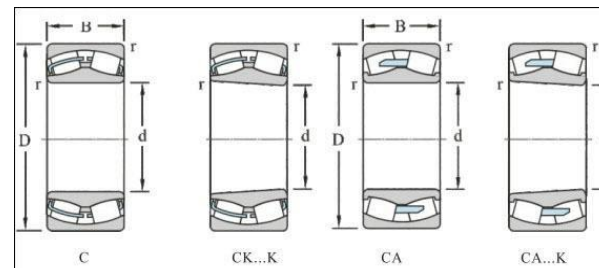
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
21318CA	90	190	43	477	610	1800	2400	0.24	2.8	4.2	2.8	5.82
21318CAK	90	190	43	477	610	1800	2400	0.24	2.8	4.2	2.8	5.7
22318CA	90	190	64	535	660	1800	2400	0.34	1.99	2.96	1.94	11.5
22318CAK	90	190	64	535	660	1800	2400	0.34	1.99	2.96	1.94	11.1
22219CA	95	170	43	282	375	2400	3200	0.24	2.8	4.2	2.8	4.68
22219CAK	95	170	43	282	375	2400	3200	0.24	2.8	4.2	2.8	4.48
21319CA	95	200	45	351	466	2400	3200	0.23	2.9	4.4	2.8	7.48
21319CAK	95	200	45	351	466	2400	3200	0.23	2.9	4.4	2.8	7.15
22319	95	200	67	518	670	1800	2400	0.33	2	3	2	10.4
22319K	95	200	67	518	670	1800	2400	0.33	2	3	2	9.8
22319CA	95	200	67	587	727	1800	2400	0.34	1.99	2.96	1.94	10.5
22319CAK	95	200	67	587	727	1800	2400	0.34	1.99	2.96	1.94	9.7
23020CA	100	150	37	215	400	2400	3200	0.23	2.9	4.4	2.8	2.52
23020CAK	100	150	37	215	400	2400	3200	0.23	2.9	4.4	2.8	2.5
24020CA	100	150	50	271	445	2400	3200	0.3	2.25	3.35	2.2	3.18
24020CAK	100	150	50	271	445	2400	3200	0.3	2.25	3.35	2.2	3.1
23120CA	100	165	52	322	490	2000	2800	0.3	2.3	3.4	2.2	4.42
23120CAK	100	165	52	322	490	2000	2800	0.3	2.3	3.4	2.2	4.26
22220CA	100	180	46	368	466	2200	3000	0.24	2.8	4.2	2.8	5.18
22220CAK	100	180	46	368	466	2200	3000	0.24	2.8	4.2	2.8	4.96
22220	100	180	46	368	466	2200	3000	0.24	2.8	4.2	2.8	5.24
22220K	100	180	46	368	466	2200	3000	0.24	2.8	4.2	2.8	5.08

Spherical roller bearings



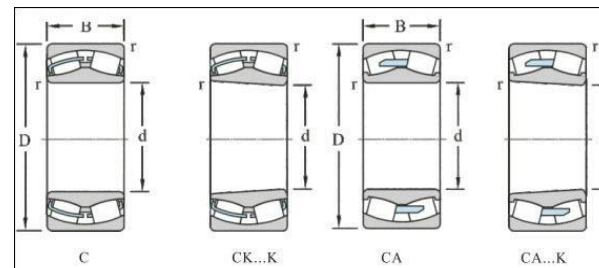
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
23220CA	100	180	60.3	414	600	1700	2200	0.33	2	3	2	6.7
23220CAK	100	180	60.3	414	600	1700	2200	0.33	2	3	2	6.52
21320CA	100	215	47	385	490	1700	2200	0.22	3	4.6	2.8	8.8
21320CAK	100	215	47	385	490	1700	2200	0.22	3	4.6	2.8	8.66
22320CA	100	215	73	702	903	1700	2200	0.35	1.9	2.9	1.8	13.8
22320CAK	100	215	73	702	903	1700	2200	0.35	1.9	2.9	1.8	13
23121CA	105	175	56	402	550	1900	2700	0.31	2.2	3.3	2.2	5.48
23121CAK	105	175	56	402	550	1900	2700	0.31	2.2	3.3	2.2	5.35
23022CA	110	170	45	267	440	2200	3000	0.23	2.9	4.4	2.8	3.58
23022CAK	110	170	45	267	440	2200	3000	0.23	2.9	4.4	2.8	3.54
24022CA	110	170	60	394	589	2100	2800	0.32	2.09	3.11	2.04	4.98
24022CAK	110	170	60	394	589	2100	2800	0.32	2.09	3.11	2.04	4.8
23122CA	110	180	56	374	580	1900	2600	0.3	2.3	3.4	2.2	5.73
23122CAK	110	180	56	374	580	1900	2600	0.3	2.3	3.4	2.2	5.51
24122CA	110	180	69	460	750	1000	1400	0.37	1.8	2.7	1.8	6.92
24122CAK	110	180	69	460	750	1000	1400	0.37	1.8	2.7	1.8	6.58
22222CA	110	200	53	489	610	2000	2800	0.25	2.7	4	2.5	7.43
22222CAK	110	200	53	489	610	2000	2800	0.25	2.7	4	2.5	7.25
23222CA	110	200	69.8	518	727	1600	2000	0.33	2	3	2	10.1
23222CAK	110	200	69.8	518	727	1600	2000	0.33	2	3	2	9.83
21322CA	110	240	50	420	630	1600	2000	0.21	3.2	4.8	3.2	11.7
21322CAK	110	240	50	420	630	1600	2000	0.21	3.2	4.8	3.2	11.47

Spherical roller bearings



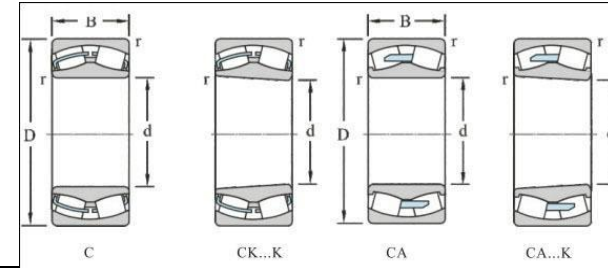
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
22322CA	110	240	80	828	1060	1500	1900	0.35	1.9	2.9	1.8	18.9
22322CAK	110	240	80	828	1060	1500	1900	0.35	1.9	2.9	1.8	18.5
23024CA	120	180	46	305	495	2000	2800	0.22	3	4.6	2.8	4.44
23024CAK	120	180	46	305	495	2000	2800	0.22	3	4.6	2.8	4.2
24024CA	120	180	60	374	660	1600	2000	0.3	2.3	3.4	2.2	5.83
24024CAK30	120	180	60	374	660	1600	2000	0.3	2.3	3.4	2.2	5.4
23124CA	120	200	62	449	695	1800	2400	0.28	2.4	3.6	2.5	7.97
23124CAK	120	200	62	449	695	1800	2400	0.28	2.4	3.6	2.5	7.73
23124	120	200	62	430	715	1900	2600	0.31	2.2	3.3	2.2	7.8
23124K	120	200	62	430	715	1900	2600	0.31	2.2	3.3	2.2	7.6
24124CA	120	200	80	575	925	900	1200	0.37	1.8	2.7	1.8	10
24124CAK30	120	200	80	575	925	900	1200	0.37	1.8	2.7	1.8	9.88
22224CA	120	215	58	600	730	1900	2600	0.26	2.6	3.9	2.5	9.87
22224CAK	120	215	58	600	730	1900	2600	0.26	2.6	3.9	2.5	9.53
23224CA	120	215	76	610	930	1500	1900	0.35	1.9	2.9	1.8	12.1
23224CAK	120	215	76	610	930	1500	1900	0.35	1.9	2.9	1.8	11.9
22324CA	120	260	86	920	1100	1400	1800	0.35	1.9	2.9	1.8	23.3
22324CAK	120	260	86	920	1100	1400	1800	0.35	1.9	2.9	1.8	22.8
22324	120	260	86	845	1060	1400	1800	0.35	1.9	2.9	1.8	21.7
22324K	120	260	86	845	1060	1400	1800	0.35	1.9	2.9	1.8	21.3
23026CA	130	200	52	374	580	1900	2600	0.23	2.9	4.4	2.8	7.04
23026CAK	130	200	52	374	580	1900	2600	0.23	2.9	4.4	2.8	6.68

Spherical roller bearings



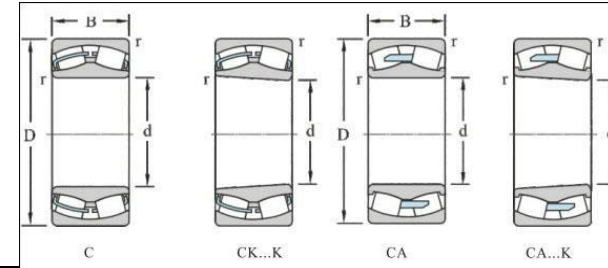
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
24026CA	130	200	69	477	810	1500	1900	0.31	2.2	3.3	2.2	7.95
24026CAK30	130	200	69	477	810	1500	1900	0.31	2.2	3.3	2.2	7.76
23126CA	130	210	64	489	780	1700	2200	0.28	2.4	3.6	2.5	10.7
23126CAK	130	210	64	489	780	1700	2200	0.28	2.4	3.6	2.5	10.4
24126CA	130	210	80	587	980	900	1200	0.35	1.9	2.9	1.8	11
21426CAK30	130	210	80	587	980	900	1200	0.35	1.9	2.9	1.8	10.6
22226CA	130	230	64	644	880	1800	2400	0.27	2.5	3.7	2.5	12.4
22226CAK	130	230	64	644	880	1800	2400	0.27	2.5	3.7	2.5	12.1
23226CA	130	230	80	690	1020	1300	1700	0.33	2	3	2	15.9
23226CAK	130	230	80	690	1020	1300	1700	0.33	2	3	2	15.4
23226	130	230	80	580	910	1400	1800	0.34	1.99	2.96	1.94	14.9
23226K	130	230	80	580	910	1400	1800	0.34	1.99	2.96	1.94	14.3
22326CA	130	280	93	978	1300	1300	1700	0.35	1.9	2.9	1.8	28.9
22326CAK	130	280	93	978	1300	1300	1700	0.35	1.9	2.9	1.8	26.3
22326	130	280	93	810	1250	1300	1700	0.34	1.99	2.96	1.94	27.2
22326K	130	280	93	810	1250	1300	1700	0.34	1.99	2.96	1.94	26.6
23028	140	210	53	397	655	1800	2400	0.22	3	4.6	2.8	6.8
23028K	140	210	53	397	655	1800	2400	0.22	3	4.6	2.8	6.36
23028CA	140	210	53	440	706	1800	2400	0.23	2.9	4.4	2.8	6.7
23028CAK	140	210	53	440	706	1800	2400	0.23	2.9	4.4	2.8	6.5
24028CA	140	210	69	495	900	1400	1800	0.3	2.3	3.4	2.2	8.45
24028CAK30	140	210	69	495	900	1400	1800	0.3	2.3	3.4	2.2	8.17
23128	140	225	68	546	865	1600	2000	0.28	2.4	3.6	2.5	10.7

Spherical roller bearings



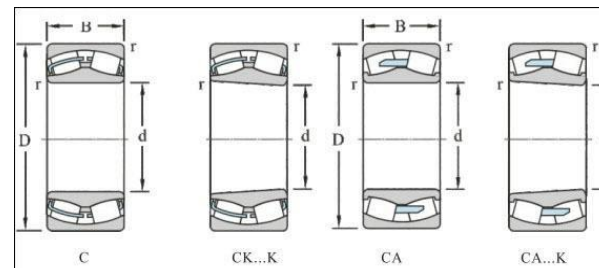
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
23128K	140	225	68	546	865	1600	2000	0.28	2.4	3.6	2.5	10.3
23128CA	140	225	68	546	900	1600	2000	0.29	2.3	3.5	2.4	10.9
23128CAK	140	225	68	546	900	1600	2000	0.29	2.3	3.5	2.4	10.5
24128CA	140	225	85	673	1150	850	1100	0.35	1.9	2.9	1.8	13.5
24128CAK30	140	225	85	673	1150	850	1100	0.35	1.9	2.9	1.8	13
22228CA	140	580	68	610	1000	1700	2200	0.26	2.6	3.9	2.5	16.2
22228CAK	140	580	68	610	1000	1700	2200	0.26	2.6	3.9	2.5	15
23228CA	140	250	88	799	1365	1200	1600	0.33	2	3	2	19.7
23228CAK	140	250	88	799	1365	1200	1600	0.33	2	3	2	19.3
23228	140	250	88	710	1095	1300	1700	0.36	1.87	2.79	1.83	18.3
23228K	140	250	88	710	1095	1300	1700	0.36	1.87	2.79	1.83	17.9
22328CA	140	300	102	1130	1950	1100	1500	0.35	1.9	2.9	1.8	36.2
22328CAK	140	300	102	1130	1950	1100	1500	0.35	1.9	2.9	1.8	35.4
23328CA	140	300	118	1230	1950	1100	1500	0.4	1.69	2.51	1.65	41.7
23030CA	150	225	56	485	795	1700	2200	0.22	3	4.6	2.8	8.01
23030CAK	150	225	56	485	795	1700	2200	0.22	3	4.6	2.8	7.41
24030CA	150	225	75	564	1040	1300	1700	0.3	2.3	3.4	2.2	10.5
24030CAK30	150	225	75	564	1040	1300	1700	0.3	2.3	3.4	2.2	9.39
23130	150	250	80	620	990	1400	1800	0.3	2.3	3.4	2.2	16.1
23130K	150	250	80	620	990	1400	1800	0.3	2.3	3.4	2.2	15.6
23130CA	150	250	80	725	1140	1400	1800	0.3	2.3	3.4	2.2	16.5
23130CAK	150	250	80	725	1140	1400	1800	0.3	2.3	3.4	2.2	16

Spherical roller bearings



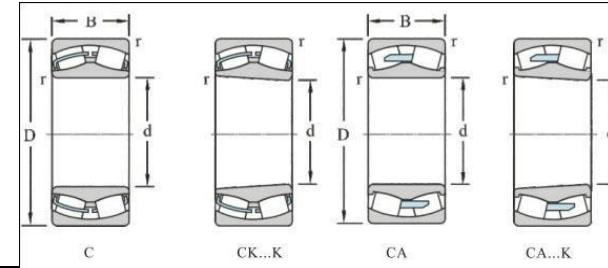
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
24130CA	150	250	100	897	1450	800	1000	0.37	1.8	2.7	1.8	19.5
24130CAK30	150	250	100	897	1450	800	1000	0.37	1.8	2.7	1.8	19
22230CA	150	270	73	736	1050	1600	2000	0.26	2.6	3.9	2.5	18.7
22230CAK	150	270	73	736	1050	1600	2000	0.26	2.6	3.9	2.5	18
23230CA	150	270	96	937	1460	1100	1500	0.35	1.9	2.9	1.8	26.6
23230CAK	150	270	96	937	1460	1100	1500	0.35	1.9	2.9	1.8	25
22330CA	150	320	108	1270	1760	1000	1400	0.35	1.9	2.9	1.8	41.7
22330CAK	150	320	108	1270	1760	1000	1400	0.35	1.9	2.9	1.8	40.6
23032	160	240	60	415	860	1700	2200	0.22	3	4.6	2.8	10.2
23032K	160	240	60	415	860	1700	2200	0.22	3	4.6	2.8	9.7
23032CA	160	240	60	555	875	1700	2200	0.22	3	4.6	2.8	10
23032CAK	160	240	60	555	875	1700	2200	0.22	3	4.6	2.8	9.5
24032	160	240	80	656	1200	1100	1500	0.32	2.09	3.11	2.01	12.1
24032K	160	240	80	656	1200	1100	1500	0.32	2.09	3.11	2.01	11.4
24032CA	160	240	80	710	1200	1100	1500	0.3	2.3	3.4	2.2	13.2
24032CAK30	160	240	80	710	1200	1100	1500	0.3	2.3	3.4	2.2	12.6
23132	160	270	86	845	1300	1300	1700	0.34	1.99	2.96	1.94	21.2
23132K	160	270	86	845	1300	1300	1700	0.34	1.99	2.96	1.94	20.6
23132CA	160	270	86	930	1430	1300	1700	0.3	2.3	3.4	2.2	21.9
23132CAK	160	270	86	930	1430	1300	1700	0.3	2.3	3.4	2.2	21.3
24132CA	160	270	109	1040	1690	700	900	0.4	1.7	2.5	1.6	24.6
24132CAK30	160	270	109	1040	1690	700	900	0.4	1.7	2.5	1.6	23.8

Spherical roller bearings



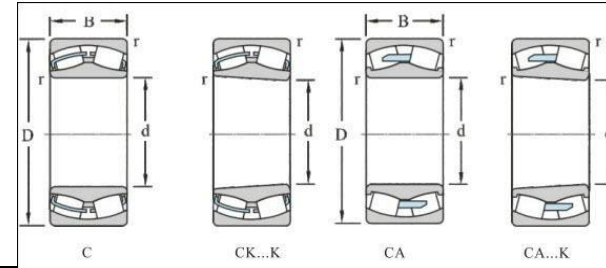
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
22232CA	160	290	80	863	1290	1500	1900	0.26	2.6	3.9	2.5	24.1
22232CAK	160	290	80	863	1290	1500	1900	0.26	2.6	3.9	2.5	22.5
23232	160	290	104	900	1600	1000	1400	0.35	1.9	2.9	1.8	36.1
23232K	160	290	104	900	1600	1000	1400	0.35	1.9	2.9	1.8	34.3
23232CA	160	290	104	1070	1660	1000	1400	0.35	1.9	2.9	1.8	30.2
23232CAK	160	290	104	1070	1660	1000	1400	0.35	1.9	2.9	1.8	28.9
22332	160	340	114	1200	1800	950	1300	0.35	1.9	2.9	1.8	50.2
22332K	160	340	114	1200	1800	950	1300	0.35	1.9	2.9	1.8	49.5
22332CA	160	340	114	1380	1960	950	1300	0.35	1.9	2.9	1.8	52.8
22332CAK	160	340	114	1380	1960	950	1300	0.35	1.9	2.9	1.8	51.6
23934CA	170	230	45	310	715	1700	2200	0.18	3.8	5.6	3.6	5.45
23934CAK	170	230	45	310	715	1700	2200	0.18	3.8	5.6	3.6	5.2
23034	170	260	67	510	1060	1600	2000	0.23	2.9	4.4	2.8	13.7
23034K	170	260	67	510	1060	1600	2000	0.23	2.9	4.4	2.8	13.2
23034CA	170	260	67	670	1090	1600	2000	0.23	2.9	4.4	2.8	14.1
23034CAK	170	260	67	670	1090	1600	2000	0.23	2.9	4.4	2.8	13.3
24034CA	170	260	90	799	1460	1000	1400	0.33	2	3	2	17.8
24034CAK30	170	260	90	799	1460	1000	1400	0.33	2	3	2	16.8
23134	170	280	88	890	1450	1200	1600	0.3	2.3	3.4	2.2	23
23134K	170	280	88	890	1450	1200	1600	0.3	2.3	3.4	2.2	21.6
23134CA	170	280	88	990	1530	1200	1600	0.3	2.3	3.4	2.2	25.7
23134CAK	170	280	88	990	1530	1200	1600	0.3	2.3	3.4	2.2	24.3
24134CA	170	280	109	1070	1830	670	850	0.37	1.8	2.7	1.8	25.4

Spherical roller bearings



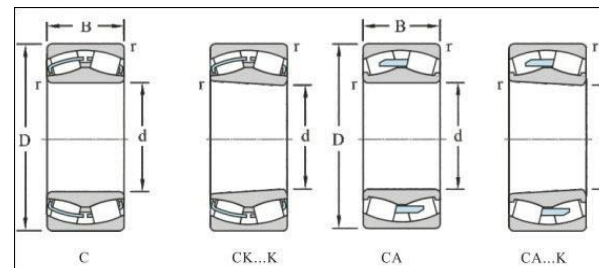
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
24134CAK30	170	280	109	1070	1830	670	850	0.37	1.8	2.7	1.8	24.7
22234CA	170	310	86	978	1450	1300	1700	0.27	2.5	3.7	2.5	27.8
222345CAK	170	310	86	978	1450	1300	1700	0.27	2.5	3.7	2.5	26.8
23234CA	170	310	110	1220	1930	950	1300	0.34	1.99	2.96	1.94	38
23234CAK	170	310	110	1220	1930	950	1300	0.34	1.99	2.96	1.94	36.5
22334	170	360	120	1300	2110	950	1300	0.33	2	3	2	60.1
22334K	170	360	120	1300	2110	950	1300	0.33	2	3	2	59.4
22334CA	170	360	120	1540	2120	950	1300	0.34	1.99	2.96	1.94	62.6
22334CAK	170	360	120	1540	2120	950	1300	0.34	1.99	2.96	1.94	61.4
23334X2/W33	170	360	136	1670	2280	950	1300	0.34	1.99	2.96	1.94	68.6
23936CA	180	250	52	430	830	1700	2200	0.18	3.8	5.6	3.6	8.2
23936CAK	180	250	52	430	830	1700	2200	0.18	3.8	5.6	3.6	7.4
23036	180	280	74	700	1250	1400	1800	0.24	2.8	4.2	2.8	18.1
23036K	180	280	74	700	1250	1400	1800	0.24	2.8	4.2	2.8	17.6
23036CA	180	280	74	700	1320	1400	1800	0.25	2.7	4	2.6	17.7
23036CAK	180	280	74	700	1320	1400	1800	0.25	2.7	4	2.6	16.8
24036CA	180	280	100	937	1730	950	1300	0.33	2	3	2	25.7
24036CAK30	180	280	100	937	1730	950	1300	0.33	2	3	2	24.5
23136	180	300	96	1050	1760	1100	1500	0.3	2.3	3.4	2.2	28.6
23136K	180	300	96	1050	1760	1100	1500	0.3	2.3	3.4	2.2	27.8
23136CA	180	300	96	1140	1760	1100	1500	0.3	2.3	3.4	2.2	27.6
23136CAK	180	300	96	1140	1760	1100	1500	0.3	2.3	3.4	2.2	26.8
24136CA	180	300	118	1220	2050	630	800	0.37	1.8	2.7	1.8	33.5

Spherical roller bearings



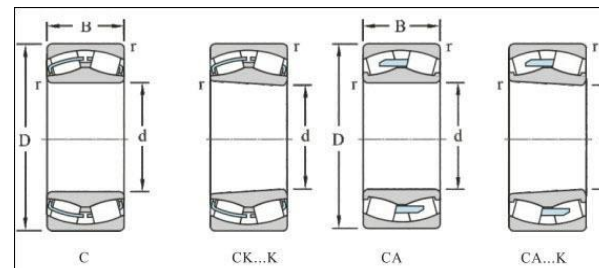
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
24136CAK30	180	300	118	1220	2050	630	800	0.37	1.8	2.7	1.8	32.8
22236	180	320	85	1010	1550	1300	1700	0.26	2.6	3.9	2.5	31.1
22236K	180	320	85	1010	1550	1300	1700	0.26	2.6	3.9	2.5	30.2
22236CA	180	320	85	1120	1560	1300	1700	0.26	2.6	3.9	2.5	29.5
22236CAK	180	320	85	1120	1560	1300	1700	0.26	2.6	3.9	2.5	29.1
23236CA	180	320	112	1290	2130	900	1200	0.35	1.9	2.9	1.8	39
23236CAK	180	320	112	1290	2130	900	1200	0.35	1.9	2.9	1.8	38.4
22336	180	380	126	1400	2300	900	1200	0.35	1.9	2.9	1.8	70.9
22336K	180	380	126	1400	2300	900	1200	0.35	1.9	2.9	1.8	69.8
22336CA	180	380	126	1730	2400	900	1200	0.34	1.99	2.96	1.94	72.2
22336CAK	180	380	126	1730	2400	900	1200	0.34	1.99	2.96	1.94	71.3
23938CA	190	260	52	420	850	1600	2000	0.18	3.8	5.6	3.6	8.4
23938CAK	190	260	52	420	850	1600	2000	0.18	3.8	5.6	3.6	8.29
23038	190	290	75	720	1300	1300	1700	0.23	2.9	4.4	2.8	19.6
23038K	190	290	75	720	1300	1300	1700	0.23	2.9	4.4	2.8	18
23038CA	190	290	75	820	1450	1300	1700	0.23	2.9	4.4	2.8	17.3
23038CAK	190	290	75	820	1450	1300	1700	0.23	2.9	4.4	2.8	16.5
24038CA	190	290	100	1000	1800	950	1300	0.31	2.2	3.3	2.2	24
24038CAK30	190	290	100	1000	1800	950	1300	0.31	2.2	3.3	2.2	22.9
23138	190	320	104	1100	1880	1000	1400	0.31	2.2	3.3	2.2	35.3
23138K	190	320	104	1100	1880	1000	1400	0.31	2.2	3.3	2.2	34.9
23138CA	190	320	104	1300	1980	1000	1400	0.31	2.2	3.3	2.2	34.9
23138CAK	190	320	104	1300	1980	1000	1400	0.31	2.2	3.3	2.2	34.3

Spherical roller bearings



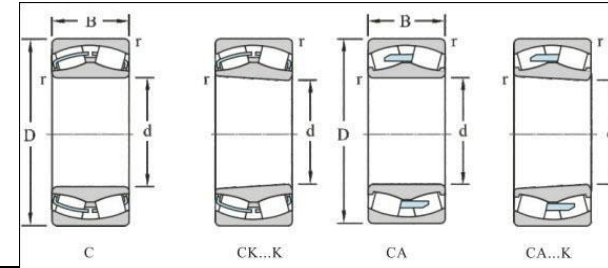
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
24138CA	190	320	128	1520	2400	600	750	0.4	1.69	2.51	1.65	41.9
24138CAK30	190	320	128	1520	2400	600	750	0.4	1.69	2.51	1.65	41.5
22238	190	340	92	1110	1620	1200	1600	0.19	3.6	5.3	3.6	36.5
22238K	190	340	92	1110	1620	1200	1600	0.19	3.6	5.3	3.6	35.6
22238CA	190	340	92	1210	1620	1200	1600	0.26	2.6	3.9	2.5	37.4
22238CAK	190	340	92	1210	1620	1200	1600	0.26	2.6	3.9	2.5	36.4
23238CA	190	340	120	1460	2400	850	1100	0.35	1.9	2.9	1.8	44.8
23238CAK	190	340	120	1460	2400	850	1100	0.35	1.9	2.9	1.8	43.1
22338CA	190	400	132	1870	2630	850	1100	0.34	1.99	2.96	1.94	82.2
22338CAK	190	400	132	1870	2630	850	1100	0.34	1.99	2.96	1.94	81
23940CA	200	280	60	520	1040	1600	2000	0.19	3.61	5.38	3.53	12.1
23940CAK	200	280	60	520	1040	1600	2000	0.19	3.61	5.38	3.53	11.5
23040	200	310	82	660	1370	1200	1600	0.24	2.8	4.2	2.8	25
23040K	200	310	82	660	1370	1200	1600	0.24	2.8	4.2	2.8	24.1
23040CA	200	310	82	880	1530	1200	1600	0.25	2.7	4	2.6	22.6
23040CAK	200	310	82	880	1530	1200	1600	0.25	2.7	4	2.6	21.2
24040CA	200	310	109	1130	2120	900	1200	0.33	2	3	2	31.3
24040CAK30	200	310	109	1130	2120	900	1200	0.33	2	3	2	30.5
23140CA	200	340	112	1380	2240	950	1300	0.31	2.2	3.3	2.2	43.8
23140CAK	200	340	112	1380	2240	950	1300	0.31	2.2	3.3	2.2	42.5
24140CA	200	340	140	1580	2800	560	700	0.4	1.7	2.5	1.6	52
24140CAK30	200	340	140	1580	2800	560	700	0.4	1.7	2.5	1.6	50.3
22240	200	360	98	1270	1830	1100	1500	0.26	2.6	3.9	2.5	44.7

Spherical roller bearings



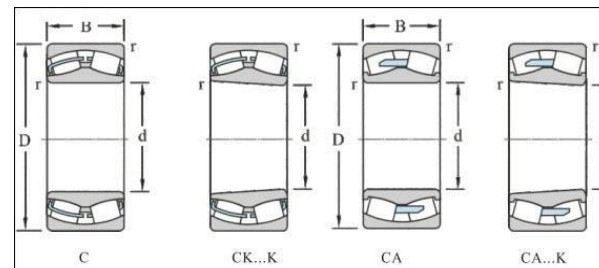
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
22240K	200	360	98	1270	1830	1100	1500	0.26	2.6	3.9	2.5	43.4
22240CA	200	360	98	1390	1830	1100	1500	0.26	2.6	3.9	2.5	44.5
22240CAK	200	360	98	1390	1830	1100	1500	0.26	2.6	3.9	2.5	43
23240CA	200	360	128	1610	2570	850	1100	0.35	1.9	2.9	1.8	55
23240CAK	200	360	128	1610	2570	850	1100	0.35	1.9	2.9	1.8	52
22340	200	420	138	2020	2760	850	1100	0.33	2	3	2	96
22340K	200	420	138	2020	2760	850	1100	0.33	2	3	2	94
22340CA	200	420	138	2200	2860	850	1100	0.34	1.99	2.96	1.94	95.7
22340CAK	200	420	138	2200	2860	850	1100	0.34	1.99	2.96	1.94	94
23340CA	200	420	165	2220	2860	750	950	0.4	1.68	2.79	1.83	95.2
23944CA	220	300	60	520	1080	1500	1900	0.16	4.2	6.3	4	12.9
23944CAK	220	300	60	520	1080	1500	1900	0.16	4.2	6.3	4	11.7
23044CA	220	340	90	1060	1860	1100	1500	0.24	2.8	4.2	2.8	31.6
23044CAK	220	340	90	1060	1860	1100	1500	0.24	2.8	4.2	2.8	30.3
24044CA	220	340	118	1360	2500	850	1100	0.33	2	3	2	39.3
24044CAK30	220	340	118	1360	2500	850	1100	0.33	2	3	2	38.1
23144	220	370	120	1500	2700	900	1200	0.3	2.3	3.4	2.2	54.8
23144K	220	370	120	1500	2700	900	1200	0.3	2.3	3.4	2.2	52.4
23144CA	220	370	120	1500	2700	900	1200	0.3	2.3	3.4	2.2	54.7
23144CAK	220	370	120	1500	2700	900	1200	0.3	2.3	3.4	2.2	53
24144CA	220	370	150	1840	3410	500	630	0.4	1.7	2.5	1.6	66.4
24144CAK30	220	370	150	1840	3410	500	630	0.4	1.7	2.5	1.6	64.3
22244CA	220	400	108	1520	2360	950	1300	0.27	2.5	3.7	2.5	63.5

Spherical roller bearings



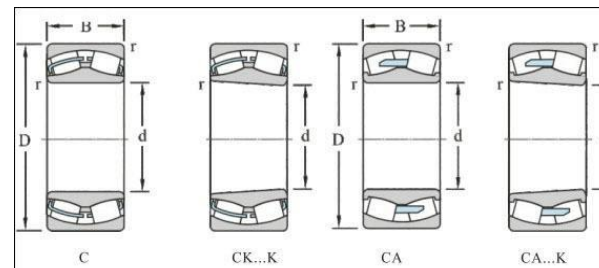
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
22244CAK	220	400	108	1520	2360	950	1300	0.27	2.5	3.7	2.5	60.5
23244CA	220	400	144	2070	3280	750	950	0.35	1.9	2.9	1.8	79.5
23244CAK	220	400	144	2070	3280	750	950	0.35	1.9	2.9	1.8	77.3
22344CA	220	460	145	2570	3450	750	950	0.31	2.2	3.3	2.2	119
22344CAK	220	460	145	2570	3450	750	950	0.31	2.2	3.3	2.2	116.8
23948CA	240	320	60	564	1160	1300	1700	0.15	4.5	6.7	4.5	15.1
23948CAK	240	320	60	564	1160	1300	1700	0.15	4.5	6.7	4.5	14
23048	240	360	92	1130	2080	1000	1400	0.23	2.9	4.4	2.8	34.9
23048K	240	360	92	1130	2080	1000	1400	0.23	2.9	4.4	2.8	33.5
23048CA	240	360	92	1230	2110	1000	1400	0.24	2.8	4.2	2.8	34.2
23048CAK	240	360	92	1230	2110	1000	1400	0.24	2.8	4.2	2.8	32.2
24048CA	240	360	118	1380	2700	800	1000	0.3	2.3	3.4	2.2	44.1
24048CAK30	240	360	118	1380	2700	800	1000	0.3	2.3	3.4	2.2	42.1
23148	240	400	128	1550	2930	850	1100	0.3	2.3	3.4	2.2	66.7
23148K	240	400	128	1550	2930	850	1100	0.3	2.3	3.4	2.2	65.1
23148CA	240	400	128	1790	3200	850	1100	0.31	2.21	3.29	2.16	68.2
23148CAK	240	400	128	1790	3200	850	1100	0.31	2.21	3.29	2.16	66.5
24148	240	400	160	2100	3750	480	600	0.4	1.7	2.5	1.6	81
24148K30	240	400	160	2100	3750	480	600	0.4	1.7	2.5	1.6	79
24148CA	240	400	160	2280	3750	480	600	0.4	1.7	2.5	1.6	77.8
24148CAK30	240	400	160	2280	3750	480	600	0.4	1.7	2.5	1.6	75.6
22248CA	240	440	120	1910	3000	900	1200	0.27	2.5	3.7	2.5	85.3
22248CAK	240	440	120	1910	3000	900	1200	0.27	2.5	3.7	2.5	82.4

Spherical roller bearings



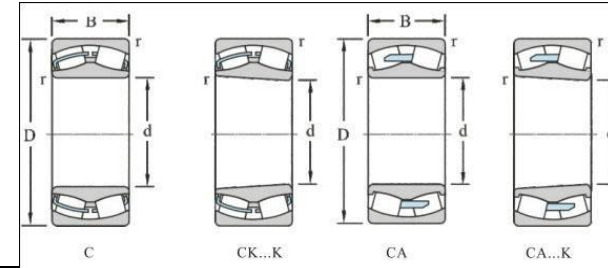
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
23248CA	240	440	160	2530	3950	670	850	0.35	1.9	2.9	1.8	105
23248CAK	240	440	160	2530	3950	670	850	0.35	1.9	2.9	1.8	102
22348CA	240	500	155	2950	4100	650	800	0.32	2.09	3.11	2.04	146
22348CAK	240	500	155	2950	4100	650	800	0.32	2.09	3.11	2.04	143
2650CA	241	410	128	1860	3350	1000	1400	0.29	2.3	3.5	2.4	59.4
23952CA	260	360	75	835	1750	1100	1500	0.18	3.8	5.6	3.6	24.4
23952CAK	260	360	75	835	1750	1100	1500	0.18	3.8	5.6	3.6	21.6
23052CA	260	400	104	1400	2550	900	1200	0.23	2.9	4.4	2.8	49.8
23052CAK	260	400	104	1400	2550	900	1200	0.23	2.9	4.4	2.8	46.9
24052CA	260	400	140	1760	3480	700	900	0.33	2	3	2	66.7
24052CAK30	260	400	140	1760	3480	700	900	0.33	2	3	2	64.9
23152	260	440	144	2220	3700	800	1000	0.31	2.2	3.3	2.2	92.1
23152K	260	440	144	2220	3700	800	1000	0.31	2.2	3.3	2.2	90.2
23152CA	260	440	144	2420	3750	800	1000	0.31	2.2	3.3	2.2	88.9
23152CAK	260	440	144	2420	3750	800	1000	0.31	2.2	3.3	2.2	86.7
24152CA	260	440	180	2620	4560	430	530	0.39	1.73	2.58	1.69	115
24152CAK30	260	440	180	2620	4560	430	530	0.39	1.73	2.58	1.69	112
22252CA	260	480	130	2520	3600	850	1100	0.27	2.51	3.74	2.45	106
22252CAK	260	480	130	2520	3600	850	1100	0.27	2.51	3.74	2.45	103
23252CA	260	480	174	2820	4750	630	800	0.35	1.9	2.9	1.8	141
23252CAK	260	480	174	2820	4750	630	800	0.35	1.9	2.9	1.8	138
22352	260	540	165	3050	4700	630	800	0.31	2.2	3.3	2.2	191

Spherical roller bearings



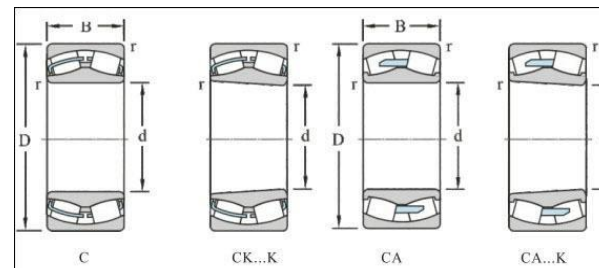
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
22352K	260	540	165	3050	4700	630	800	0.31	2.2	3.3	2.2	188
22352CA	260	540	165	3370	4750	630	800	0.31	2.2	3.3	2.2	186
22352CAK	260	540	165	3370	4750	630	800	0.31	2.2	3.3	2.2	183
23856CA	280	350	52	435	1230	1200	1500	0.13	5.36	7.98	5.24	11.4
23856CAK	280	350	52	435	1230	1200	1500	0.13	5.36	7.98	5.24	10.7
23956CA	280	380	75	805	1760	1000	1400	0.18	3.8	5.66	3.72	25.3
23956CAK	280	380	75	805	1760	1000	1400	0.18	3.8	5.66	3.72	24.6
23056	280	420	106	1520	2810	850	1100	0.23	2.9	4.4	2.8	54.9
23056K	280	420	106	1520	2810	850	1100	0.23	2.9	4.4	2.8	52.5
23056CA	280	420	106	1640	2850	850	1100	0.23	2.91	4.4	2.84	56.8
23056CAK	280	420	106	1640	2850	850	1100	0.23	2.91	4.4	2.84	54.6
24056CA	280	420	140	2050	3700	670	850	0.31	2.2	3.3	2.2	66.8
24056CAK30	280	420	140	2050	3700	670	850	0.31	2.2	3.3	2.2	64.9
23156	280	460	146	2300	4200	800	1000	0.32	2.09	3.11	2.04	99.1
23156CA	280	460	146	2520	4250	750	950	0.3	2.3	3.4	2.2	104
23156CAK	280	460	146	2520	4250	750	950	0.3	2.3	3.4	2.2	100
24156CA	280	460	180	2670	4950	400	500	0.4	1.7	2.5	1.6	118
24156CAK30	280	460	180	2670	4950	400	500	0.4	1.7	2.5	1.6	115
22256CA	280	500	130	2570	3600	800	1000	0.26	2.6	3.9	2.5	118
22256CAK	280	500	130	2570	3600	800	1000	0.26	2.6	3.9	2.5	114
22256	280	500	130	2130	3300	850	1100	0.27	2.5	3.7	2.5	113
22256K	280	500	130	2130	3300	850	1100	0.27	2.5	3.7	2.5	109
23256CA	280	500	176	2820	4900	600	750	0.35	1.9	2.9	1.8	153

Spherical roller bearings



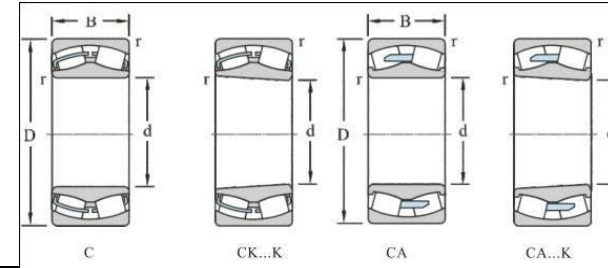
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
23256CAK	280	500	176	2820	4900	600	750	0.35	1.9	2.9	1.8	147
22356	280	580	175	3200	5600	600	750	0.32	2.09	3.11	2.04	230
22356K	280	580	175	3200	5600	600	750	0.32	2.09	3.11	2.04	226
22356CA	280	580	175	3450	5700	600	750	0.3	2.3	3.4	2.2	221
22356CAK	280	580	175	3450	5700	600	750	0.3	2.3	3.4	2.2	217
23860CA	300	380	60	640	1580	950	1400	0.13	5.2	7.7	5	17.6
23860CAK	300	380	60	640	1580	950	1400	0.13	5.2	7.7	5	16.8
23960CA	300	420	90	1140	2500	950	1300	0.19	3.6	5.3	3.6	40.1
23960CAK	300	420	90	1140	2500	950	1300	0.19	3.6	5.3	3.6	39
24960CA	300	420	118	1580	3600	950	1300	0.19	3.6	5.3	3.6	52.8
23060	300	460	118	1400	3200	800	1000	0.23	2.9	4.4	2.8	69.8
23060K	300	460	118	1400	3200	800	1000	0.23	2.9	4.4	2.8	67
23060CA	300	460	118	1840	3450	800	1000	0.23	2.9	4.4	2.8	73.6
23060CAK	300	460	118	1840	3450	800	1000	0.23	2.9	4.4	2.8	71.5
24060CA	300	460	160	2350	4750	600	750	0.33	2	3	2	99
24060CAK30	300	460	160	2350	4750	600	750	0.33	2	3	2	97
23160CA	300	500	160	2820	4850	670	850	0.3	2.3	3.4	2.2	127
23160CAK	300	500	160	2820	4850	670	850	0.3	2.3	3.4	2.2	123
24160CA	300	500	200	3560	5990	360	450	0.39	1.75	2.61	1.71	160
24160CAK30	300	500	200	3560	5990	360	450	0.39	1.75	2.61	1.71	157
22260CA	300	540	140	2990	4300	750	950	0.26	2.6	3.9	2.5	138
22260CAK	300	540	140	2991	4301	750	950	0.26	2.6	3.9	2.5	135
22260	300	540	140	2760	4250	750	950	0.27	2.5	3.7	2.5	140

Spherical roller bearings



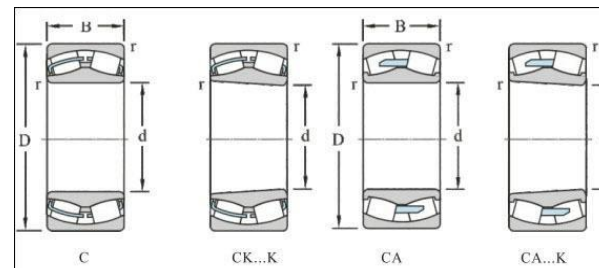
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
22260K	300	540	140	2760	4250	750	950	0.27	2.5	3.7	2.5	137
23260CA	300	540	192	3700	5950	530	670	0.35	1.9	2.9	1.8	194
23260CAK	300	540	192	3700	5950	530	670	0.35	1.9	2.9	1.8	190
23260	300	540	192	3340	5850	530	670	0.35	1.9	2.9	1.8	187
22360CA	300	620	185	3950	6000	531	671	0.3	2.3	3.4	2.2	271
22360CAK	300	620	185	3950	6000	531	671	0.3	2.3	3.4	2.2	266
23864CA	320	400	60	670	1620	920	1280	0.12	5.6	8.4	5.6	20.5
23864CAK	320	400	60	670	1620	920	1280	0.12	5.6	8.4	5.6	19.3
23964CA	320	440	90	1360	2650	900	1200	0.18	3.8	5.6	3.6	41.8
23964CAK	320	440	90	1360	2650	900	1200	0.18	3.8	5.6	3.6	40.4
23064	320	480	121	1960	3610	800	1000	0.23	2.9	4.4	2.8	78.5
23064K	320	480	121	1960	3610	800	1000	0.23	2.9	4.4	2.8	76.1
23064CA	320	480	121	2130	3800	800	1000	0.23	2.9	4.4	2.8	84.8
23064CAK	320	480	121	2130	3800	800	1000	0.23	2.9	4.4	2.8	82
24064CA	320	480	160	2700	5100	560	700	0.32	2.09	3.11	2.04	106
24064CAK30	320	480	160	2700	5100	560	700	0.32	2.09	3.11	2.04	103
23164CA	320	540	176	3280	5700	630	800	0.31	2.2	3.3	2.2	165
23164CAK	320	540	176	3280	5700	630	800	0.31	2.2	3.3	2.2	160
24164CA	320	540	218	3740	6750	340	430	0.4	1.7	2.5	1.6	206
24164CAK30	320	540	218	3740	6750	340	430	0.4	1.7	2.5	1.6	203
22264CA	320	580	150	3420	4900	670	850	0.26	2.6	3.9	2.5	175
22264CAK	320	580	150	3420	4900	670	850	0.26	2.6	3.9	2.5	171
22264	320	580	150	3160	4660	670	850	0.27	2.5	3.7	2.5	177

Spherical roller bearings



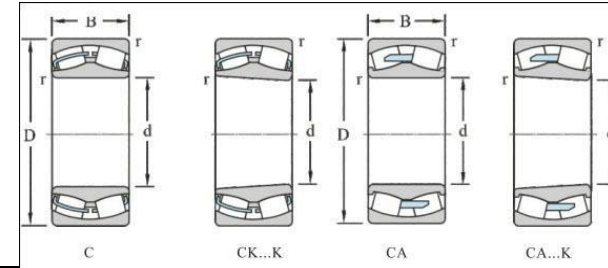
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
22264K	320	580	150	3160	4660	670	850	0.27	2.5	3.7	2.5	173
23264	320	580	208	3850	6370	500	630	0.35	1.9	2.9	1.8	247
23264CA	320	580	208	4180	6700	500	630	0.35	1.9	2.9	1.8	250
23264CAK	320	580	208	4180	6700	500	630	0.35	1.9	2.9	1.8	241
22364CAK	320	670	200	4530	6820	450	600					344
23968CA	340	460	90	1270	2660	900	1200	0.17	4	5.9	4	46
23968CAK	340	460	90	1270	2660	900	1200	0.17	4	5.9	4	44.9
23068CA	340	520	133	2350	4550	700	900	0.24	2.8	4.2	2.8	105
23068CAK	340	520	133	2350	4550	700	900	0.24	2.8	4.2	2.8	103.5
24068CA	340	520	180	2990	6200	530	670	0.33	2	3	2	136
24068CAK30	340	520	180	2990	6200	530	670	0.33	2	3	2	133
23168CA	340	580	190	3680	6800	600	750	0.31	2.2	3.3	2.2	210
23168CAK	340	580	190	3680	6800	600	750	0.31	2.2	3.3	2.2	206
24168CA	340	580	243	4660	8650	320	400	0.4	1.7	2.5	1.6	270
24168CAK30	340	580	243	4660	8650	320	400	0.4	1.7	2.5	1.6	261
23268	340	620	224	4350	7600	430	530	0.35	1.9	2.9	1.8	300
23268CA	340	620	224	5000	8150	500	700	0.35	1.9	2.9	1.8	299
23268CAK	340	620	224	5000	8150	500	700	0.35	1.9	2.9	1.8	290
23972CA	360	480	90	1290	2900	850	1100	0.16	4.2	6.3	4	46.5
23972CAK	360	480	90	1290	2900	850	1100	0.16	4.2	6.3	4	45.9
23072CA	360	540	134	2610	4800	670	850	0.23	2.9	4.4	2.8	126
23072CAK	360	540	134	2610	4800	670	850	0.23	2.9	4.4	2.8	124

Spherical roller bearings



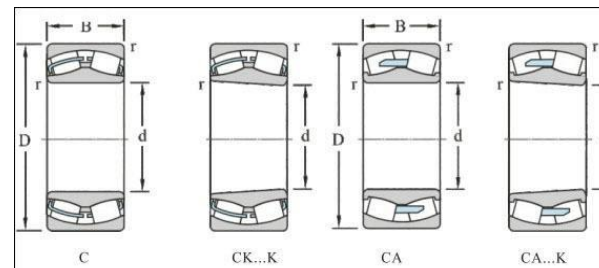
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
24072CA	360	540	180	3370	6220	500	630	0.31	2.2	3.3	2.2	147
24072CAK30	360	540	180	3370	6220	500	630	0.31	2.2	3.3	2.2	143
23172CA	360	600	192	4080	6850	560	700	0.3	2.3	3.4	2.2	224
23172CAK	360	600	192	4080	6850	560	700	0.3	2.3	3.4	2.2	220
24172CA	360	600	243	5320	8840	300	380	0.37	1.8	2.7	1.8	270
24172CAK30	360	600	243	5320	8840	300	380	0.37	1.8	2.7	1.8	265
22272CA	360	650	170	4200	6200	600	800	0.26	2.6	3.87	2.54	248
23272	360	650	232	5130	7880	400	500	0.35	1.9	2.9	1.8	341
23272CA	360	650	232	5300	9050	500	700	0.35	1.9	2.9	1.8	332
23272CAK	360	650	232	5300	9050	500	700	0.35	1.9	2.9	1.8	327
22372CA	360	750	224	5650	8600	400	500	0.31	2.21	3.29	2.16	469
22372CAK	360	750	224	5650	8600	400	500	0.31	2.21	3.29	2.16	443
23976CA	380	520	106	1860	3900	800	1000	0.17	4	5.9	4	69.9
23976CAK	380	520	106	1860	3900	800	1000	0.17	4	5.9	4	68
23076CA	380	560	135	2750	5000	630	800	0.22	3	4.6	2.8	125
23076CAK	380	560	135	2750	5000	630	800	0.22	3	4.6	2.8	122
24076CA	380	560	180	3420	6550	480	600	0.3	2.3	3.4	2.2	153
24076CAK30	380	560	180	3420	6550	480	600	0.3	2.3	3.4	2.2	150
23176	380	620	194	4180	7300	400	500	0.3	2.3	3.4	2.2	237
23176CA	380	620	194	4300	7750	500	900	0.3	2.3	3.4	2.2	249
23176CAK	380	620	194	4300	7750	500	900	0.3	2.3	3.4	2.2	242
24176CA	380	620	243	5420	9310	300	380	0.3	2.3	3.4	2.2	296
24176CAK30	380	620	243	5420	9310	300	380	0.3	2.3	3.4	2.2	290

Spherical roller bearings



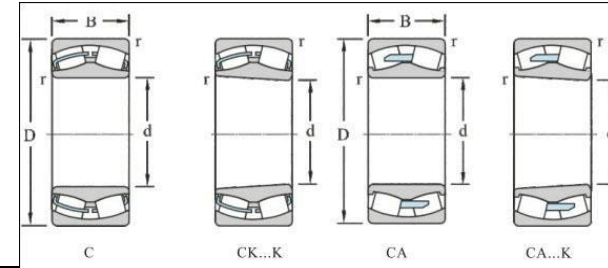
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
23276CA	380	680	240	5750	9300	400	650	0.35	1.9	2.9	1.8	389
23276CAK	380	680	240	5750	9300	400	650	0.35	1.9	2.9	1.8	375
22376CA	380	780	230	6000	9300	350	400					518
23980CA	400	540	106	1900	4000	750	950	0.17	4	5.9	4	72.9
23980CAK	400	540	106	1900	4000	750	950	0.17	4	5.9	4	71
23080CA	400	600	148	3090	5500	600	750	0.23	2.9	4.4	2.8	147
23080CAK	400	600	148	3090	5500	600	750	0.23	2.9	4.4	2.8	141
24080CA	400	600	200	4090	7800	450	560	0.3	2.3	3.4	2.2	203
24080CAK30	400	600	200	4090	7800	450	560	0.3	2.3	3.4	2.2	197
23180CA	400	650	200	4550	8200	500	900	0.28	2.4	3.6	2.5	273
23180CAK	400	650	200	4550	8200	500	900	0.28	2.4	3.6	2.5	265
24180CA	400	650	250	5890	100070	320	400	0.36	1.87	2.79	1.83	326
24180CAK30	400	650	250	5890	100070	320	400	0.36	1.87	2.79	1.83	318
23280CA	400	720	256	6450	10000	400	600	0.35	1.9	2.9	1.8	468
23280CAK	400	720	256	6450	10000	400	600	0.35	1.9	2.9	1.8	452
22380CA	400	820	243	7400	10300	400	700	0.31	2.21	3.29	2.16	623
23884CAK	420	520	75	950	2630	750	950	0.12	5.6	8.4	5.6	34.6
23984CA	420	560	106	1760	4050	700	900	0.16	4.2	6.3	4	73.6
23984CAK	420	560	106	1760	4050	700	900	0.16	4.2	6.3	4	72.4
23084CA	420	620	150	2990	6000	450	560	0.22	3	4.6	2.8	149
23084CAK	420	620	150	2990	6000	450	560	0.22	3	4.6	2.8	143
24084CA	420	620	200	3740	8150	380	480	0.3	2.3	3.4	2.2	202

Spherical roller bearings



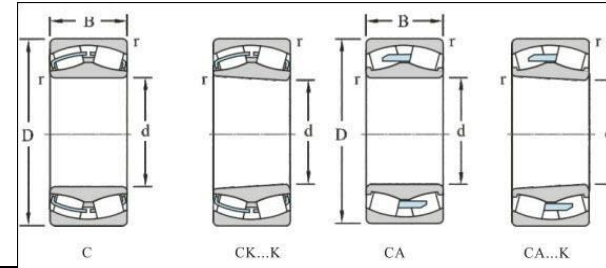
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
24084CAK30	420	620	200	3740	8150	380	480	0.3	2.3	3.4	2.2	191
23184CA	420	700	224	3740	8150	360	450	0.3	2.3	3.4	2.2	353
23184CAK	420	700	224	3740	8150	360	450	0.3	2.3	3.4	2.2	240
24184CA	420	700	280	5750	11400	170	220	0.37	1.8	2.7	1.8	436
24184CAK30	420	700	280	5750	11400	170	220	0.37	1.8	2.7	1.8	422
23284CA	420	760	272	6330	11600	320	400	0.35	1.9	2.9	1.8	551
23284CAK	420	760	272	6330	11600	320	400	0.35	1.9	2.9	1.8	538
23988CA	440	600	118	2100	4900	670	850	0.17	4	5.9	4	101
23988CAK	440	600	118	2100	4900	670	850	0.17	4	5.9	4	98.5
23088CA	440	650	157	3220	6550	430	530	0.22	3	4.6	2.8	186
23088CAK	440	650	157	3220	6550	430	530	0.22	3	4.6	2.8	178
24088CA	440	650	212	4080	8800	360	450	0.3	2.3	3.4	2.2	251
24088CAK30	440	650	212	4080	8800	360	450	0.3	2.3	3.4	2.2	245
23188CA	440	720	226	5180	10000	340	430	0.3	2.3	3.4	2.2	375
23188CAK	440	720	226	5180	10000	340	430	0.3	2.3	3.4	2.2	360
24188CA	440	720	280	5980	12200	170	220	0.37	1.8	2.7	1.8	455
24188CK30	440	720	280	5980	12200	170	220	0.37	1.8	2.7	1.8	436
23288CA	440	790	280	6730	12500	320	400	0.35	1.9	2.9	1.8	611
23288CAK	440	790	280	6730	12500	320	400	0.35	1.9	2.9	1.8	590
24892CA	460	580	118	1700	4655	450	560	0.17	4	5.9	4	82
24892CAK30	460	580	118	1700	4655	450	560	0.17	4	5.9	4	77
23992CA	460	620	118	2190	5000	500	500	0.16	4.2	6.3	4	105

Spherical roller bearings



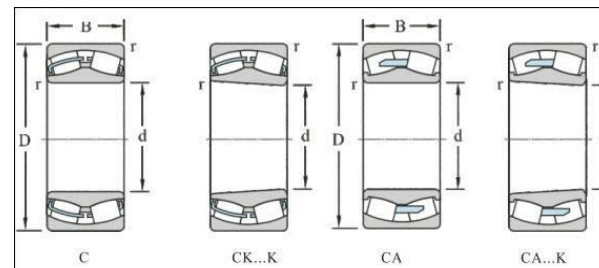
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
23992CAK	460	620	118	2190	5000	500	500	0.16	4.2	6.3	4	102
23092CA	460	680	163	3450	6950	400	500	0.22	3	4.6	2.8	205
23092CAK	460	680	163	3450	6950	400	500	0.22	3	4.6	2.8	200
24092CA	460	680	218	4370	9500	340	430	0.29	2.35	3.5	2.3	275
24092CAK30	460	680	218	4370	9500	340	430	0.3	2.3	3.4	2.2	270
23192CA	460	760	240	5640	10800	320	400	0.3	2.3	3.4	2.2	442
23192CAK	460	760	240	5640	10800	320	400	0.3	2.3	3.4	2.2	437
24192CA	460	760	300	7250	14600	160	200	0.37	1.8	2.7	1.8	560
24192CAK30	460	760	300	7250	14600	160	200	0.37	1.8	2.7	1.8	550
23292CA	460	830	296	7360	13700	300	380	0.35	1.9	2.9	1.8	698
23292CAK	460	830	296	7360	13700	300	380	0.35	1.9	2.9	1.8	687
23896CA	480	600	90	1350	3985	500	900	0.13	5.36	7.98	5.24	60.4
23996CA	480	650	128	2530	5700	400	500	0.18	3.8	5.6	3.6	126
23996CAK	480	650	128	2530	5700	400	500	0.18	3.8	5.6	3.6	121
23096CA	480	700	165	3340	6800	380	480	0.21	3.2	4.8	3.2	215
23096CAK	480	700	165	3340	6800	380	480	0.21	3.2	4.8	3.2	208
24096CA	480	700	218	4490	10000	340	430	0.28	2.4	3.6	2.5	285
24096CAK30	480	700	218	4490	10000	340	430	0.28	2.4	3.6	2.5	274
23196CA	480	790	248	6100	12000	300	380	0.3	2.3	3.4	2.2	485
23196CAK	480	790	248	6100	12000	300	380	0.3	2.3	3.4	2.2	474
24196CA	480	790	308	7250	15000	150	190	0.37	1.8	2.7	1.8	584
24196CAK30	480	790	308	7250	15000	150	190	0.37	1.8	2.7	1.8	572
23296	480	870	310	6750	15000	260	340	0.35	1.9	2.9	1.8	909

Spherical roller bearings



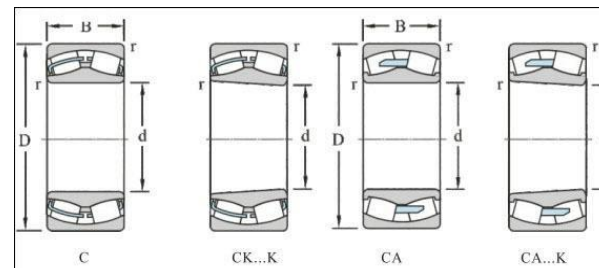
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
23296CA	480	870	310	8170	15000	260	340	0.35	1.9	2.9	1.8	859
23296CAK	480	870	310	8170	15000	260	340	0.35	1.9	2.9	1.8	840
238/500CA	500	620	90	1400	3800	420	520	0.12	5.6	8.4	5.6	62
238/500CAK	500	620	90	1400	3800	420	520	0.12	5.6	8.4	5.6	54
239/500CA	500	670	128	2530	6000	400	500	0.17	4	5.9	4	120
239/500CAK	500	670	128	2530	6000	400	500	0.17	4	5.9	4	110
230/500CA	500	720	167	3680	7800	380	480	0.21	3.2	4.8	3.2	230
230/500CAK	500	720	167	3680	7800	380	480	0.21	3.2	4.8	3.2	225
240/500CA	500	720	218	4600	10400	320	400	0.26	2.6	3.9	2.5	297
240/500CAK30	500	720	218	4600	10400	320	400	0.26	2.6	3.9	2.5	288
231/500CA	500	830	264	6730	12900	280	360	0.3	2.3	3.4	2.2	588
231/500CAK	500	830	264	6730	12900	280	360	0.3	2.3	3.4	2.2	580
241/500CA	500	830	325	8630	17000	140	180	0.37	1.8	2.7	1.8	719
241/500CAK30	500	830	325	8630	17000	140	180	0.37	1.8	2.7	1.8	708
232/500CA	500	920	336	9780	18300	240	320	0.35	1.9	2.9	1.8	982
232/500CAK	500	920	336	9780	18300	240	320	0.35	1.9	2.9	1.8	970
238/530CA	530	650	90	1800	5350	400	500	0.12	5.6	8.4	5.6	64.2
248/530CA	530	650	118	1800	5350	380	480	0.15	4.5	6.7	4.5	91
248/530CAK30	530	650	118	1800	5350	380	480	0.15	4.5	6.7	4.5	86
239/530CA	530	710	136	2820	6700	360	450	0.17	4	5.9	4	155
239/530CAK	530	710	136	2820	6700	360	450	0.17	4	5.9	4	150
230/530CA	530	780	185	4370	9300	340	430	0.22	3	4.6	2.8	310

Spherical roller bearings



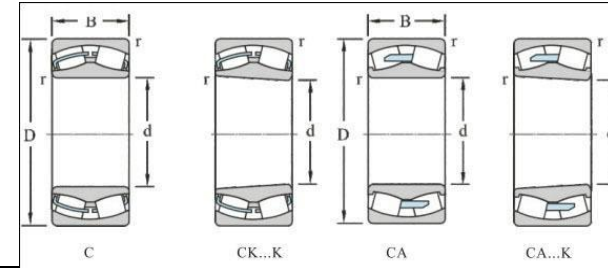
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
230/530CAK	530	780	185	4370	9300	340	430	0.22	3	4.6	2.8	300
240/530CA	530	780	250	5640	12700	280	360	0.28	2.4	3.6	2.5	410
240/530CAK30	530	780	250	5640	12700	280	360	0.28	2.4	3.6	2.5	400
231/530CA	530	870	272	7130	14000	260	340	0.3	2.3	3.4	2.2	645
231/530CAK	530	870	272	7130	14000	260	340	0.3	2.3	3.4	2.2	637
241/530CA	530	870	335	9200	19000	130	170	0.37	1.8	2.7	1.8	825
241/530CAK30	530	870	335	9200	19000	130	170	0.37	1.8	2.7	1.8	813
232/530CA	530	980	355	11100	20400	220	300	0.35	1.9	2.9	1.8	1200
232/530CAK	530	980	355	11100	20400	220	300	0.35	1.9	2.9	1.8	1186
239/560CA	560	750	140	3050	7200	340	430	0.16	4.2	6.3	4	177
239/560CAK	560	750	140	3050	7200	340	430	0.16	4.2	6.3	4	166
230/560CA	560	820	195	5500	10500	340	430	0.22	3.14	4.67	3.07	363
230/560CAK	560	820	195	5500	10500	340	430	0.22	3.14	4.67	3.07	351
240/560CA	560	820	258	6210	14000	260	340	0.28	2.4	3.6	2.5	471
240/560CAK30	560	820	258	6210	14000	260	340	0.28	2.4	3.6	2.5	460
231/560CA	560	920	280	7990	16000	240	320	0.3	2.3	3.4	2.2	756
231/560CAK	560	920	280	7990	16000	240	320	0.3	2.3	3.4	2.2	740
241/560CA	560	920	355	10500	21600	120	160	0.35	1.9	2.9	1.8	973
241/560CAK30	560	920	355	10500	21600	120	160	0.35	1.9	2.9	1.8	955
232/560CA	560	1030	365	11500	22000	200	280	0.35	1.9	2.9	1.8	1370
232/560CAK	560	1030	365	11500	22000	200	280	0.35	1.9	2.9	1.8	1350
239/600CA	600	800	150	3450	8300	320	400	0.17	4	5.9	4	220

Spherical roller bearings



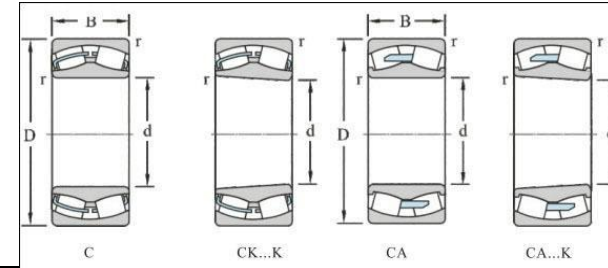
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
239/600CAK	600	800	150	3450	8300	320	400	0.17	4	5.9	4	213
249/600CA	600	800	200	4250	11200	320	400	0.22	3	4.6	2.8	287
230/600CA	600	870	200	5230	11400	300	380	0.22	3	4.6	2.8	430
230/600CAK	600	870	200	5230	11400	300	380	0.22	3	4.6	2.8	420
240/600CA	600	870	272	6730	15600	240	320	0.28	2.4	3.6	2.5	551
240/600CAK30	600	870	272	6730	15600	240	320	0.28	2.4	3.6	2.5	540
231/600CA	600	980	300	8970	18000	200	280	0.3	2.3	3.4	2.2	895
231/600CAK	600	980	300	8970	18000	200	280	0.3	2.3	3.4	2.2	880
241/600CA	600	980	375	10700	22800	110	150	0.35	1.9	2.9	1.8	1151
241/600CAK30	600	980	375	10700	22800	110	150	0.35	1.9	2.9	1.8	1134
232/600CA	600	1090	388	13100	25500	190	260	0.35	1.93	2.88	1.8	1557
232/600CAK	600	1090	388	13100	25500	190	260	0.35	1.93	2.88	1.8	1538
238/630CA	630	780	112	2200	6300	300	400	0.12	5.6	8.4	5.6	123
239/630CA	630	850	165	3970	9800	280	360	0.17	4	5.9	4	292
239/630CAK	630	850	165	3970	9800	280	360	0.17	4	5.9	4	280
249/630CA	630	850	212	4750	12200	240	330	0.17	4	5.9	4	355
230/630CA	630	920	212	5750	12500	260	340	0.21	3.2	4.8	3.2	485
230/630CAK	630	920	212	5750	12500	260	340	0.21	3.2	4.8	3.2	470
240/630CA	630	920	290	7530	17300	220	300	0.28	2.4	3.6	2.5	661
240/630CAK30	630	920	290	7530	17300	220	300	0.28	2.4	3.6	2.5	655
231/630CA	630	1030	315	10500	20800	190	260	0.3	2.3	3.4	2.2	1040
231/630CAK	630	1030	315	10500	20800	190	260	0.3	2.3	3.4	2.2	1020
241/630CA	630	1030	400	12700	27000	100	140	0.37	1.8	2.7	1.8	1440

Spherical roller bearings



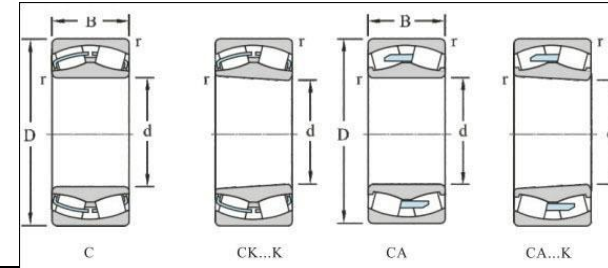
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
241/630CAK30	630	1030	400	12700	27000	100	140	0.37	1.8	2.7	1.8	1400
238/670CA	670	820	112	2410	6600	270	350	0.11	6.1	9.1	6.3	136
238/670CAK	670	820	112	2410	6600	270	350	0.11	6.1	9.1	6.3	128
248/670CA	670	820	150	3100	9600	270	350	0.16	4.2	6.3	4	315
239/670CA	670	900	170	4370	10800	260	340	0.17	4	5.9	4	321
239/670CAK	670	900	170	4370	10800	260	340	0.17	4	5.9	4	311
230/670CA	670	980	230	6560	14600	240	320	0.21	3.2	4.8	3.2	601
230/670CAK	670	980	230	6560	14600	240	320	0.21	3.2	4.8	3.2	588
240/670CA	670	980	308	8450	20000	200	280	0.28	2.4	3.6	2.5	807
240/670CAK30	670	980	308	8450	20000	200	280	0.28	2.4	3.6	2.5	790
231/670CA	670	1090	336	10900	22400	180	240	0.3	2.3	3.4	2.2	1256
231/670CAK	670	1090	336	10900	22400	180	240	0.3	2.3	3.4	2.2	1240
241/670CA	670	1090	412	13800	29000	95	130	0.37	1.8	2.7	1.8	1530
241/670CAK30	670	1090	412	13800	29000	95	130	0.37	1.8	2.7	1.8	1507
232/670CA	670	1220	438	15600	30500	160	200	0.35	1.9	2.9	1.8	2320
232/670CAK	670	1220	438	15600	30500	160	200	0.35	1.9	2.9	1.8	2250
238/710CA	710	870	118	2680	7500	260	350	0.11	6.1	9.1	6.3	156
239/710CA	710	950	180	4770	12000	240	320	0.17	4	5.9	4	365
239/710CAK	710	950	180	4770	12000	240	320	0.17	4	5.9	4	353
249/710CA	710	950	243	5600	15100	220	300	0.22	3	4.6	2.8	500
230/710CA	710	1030	236	8050	16300	220	300	0.21	3.2	4.8	3.2	669
230/710CAK	710	1030	236	8050	16300	220	300	0.21	3.2	4.8	3.2	649

Spherical roller bearings



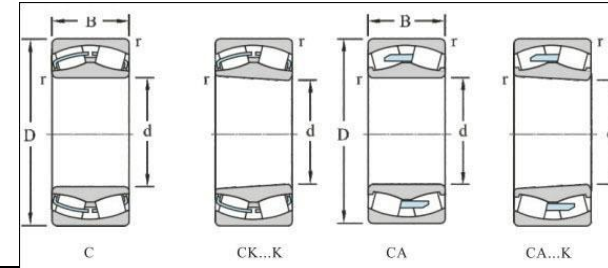
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
230/710	710	1030	236	7250	15700	220	300	0.21	3.2	4.8	3.2	580
240/710CA	710	1030	315	8970	2200	190	260	0.27	2.5	3.7	2.5	910
240/710CAK30	710	1030	315	8970	2200	190	260	0.27	2.5	3.7	2.5	893
231/710CA	710	1150	345	11800	25200	200	280	0.28	2.4	3.6	2.5	1480
231/710CAK	710	1150	345	11800	25200	200	280	0.28	2.4	3.6	2.5	1430
241/710CA	710	1150	438	14400	3250	90	120	0.35	1.9	2.9	1.8	1801
241/710CAK30	710	1150	438	14400	3250	90	120	0.35	1.9	2.9	1.8	1761
232/710CA	710	1280	450	17200	33400	130	170	0.35	1.9	2.9	1.8	2571
238/750CA	750	920	128	3100	9000	240	310	0.11	6.1	9.1	6.3	186
238/750CAK	750	920	128	3100	9000	240	310	0.11	6.1	9.1	6.3	180
248/750	750	920	170	3550	11000	220	300	0.16	4.2	6.3	4	249
248/750CA	750	920	170	3650	11300	220	300	0.16	4.2	6.3	4	253
239/750CA	750	1000	185	5180	13200	220	300	0.16	4.2	6.3	4	420
239/750CAK	750	1000	185	5180	13200	220	300	0.16	4.2	6.3	4	401
249/750CA	750	1000	250	7400	17100	250	450	0.22	3	4.6	2.8	566
249/750CAK30	750	1000	250	7400	17100	250	450	0.22	3	4.6	2.8	558
230/750CA	750	1090	250	8450	18600	200	280	0.21	3.2	4.8	3.2	795
230/750CAK	750	1090	250	8450	18600	200	280	0.21	3.2	4.8	3.2	786
240/750CA	750	1090	335	9950	24000	180	240	0.28	2.4	3.6	2.5	1070
240/750CAK30	750	1090	335	9950	24000	180	240	0.28	2.4	3.6	2.5	1065
231/750CA	750	1220	365	13350	28100	200	280	0.28	2.4	3.6	2.5	1760
231/750CAK	750	1220	365	13350	28100	200	280	0.28	2.4	3.6	2.5	1740
241/750CA	750	1220	475	16400	37000	90	120	0.35	1.9	2.9	1.8	2170

Spherical roller bearings



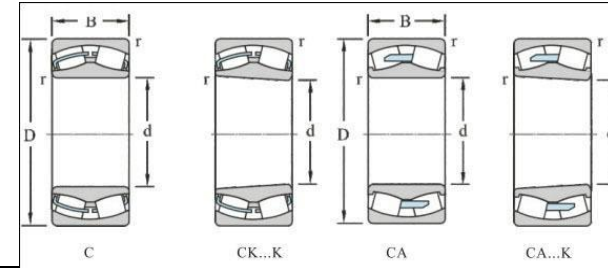
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
241/750CAK30	750	1220	475	16400	37000	90	120	0.35	1.9	2.9	1.8	2135
232/750CA	750	1360	475	19000	37500	130	170	0.36	1.87	2.79	1.83	3012
232/750CAK	750	1360	475	19000	37500	130	170	0.36	1.87	2.79	1.83	2975
232/750CAK30	750	1360	475	19000	37500	130	170	0.36	1.87	2.79	1.83	2988
248/800CA	800	980	180	3900	12200	240	480	0.15	4.5	6.7	4.5	330
239/800CA	800	1060	195	5640	14200	200	280	0.16	4.2	6.3	4	480
239/800CAK	800	1060	195	5640	14200	200	280	0.16	4.2	6.3	4	460
249/800CA	800	1060	258	7350	18700	200	280	0.21	3.2	4.8	3.2	648
249/800CAK30	800	1060	258	7350	18700	200	280	0.21	3.2	4.8	3.2	634
230/800CA	800	1150	258	8630	20000	190	260	0.2	3.4	5	3.2	895
230/800CAK	800	1150	258	8630	20000	190	260	0.2	3.4	5	3.2	870
240/800CA	800	1150	345	10900	27500	170	220	0.27	2.5	3.7	2.5	1094
240/800CAK30	800	1150	345	10900	27500	170	220	0.27	2.5	3.7	2.5	1060
231/800CA	800	1280	375	14350	30550	150	260	0.28	2.4	3.6	2.5	1960
231/800CAK	800	1280	375	14350	30550	150	260	0.28	2.4	3.6	2.5	1900
241/800CA	800	1280	475	17500	38400	90	120	0.35	1.9	2.9	1.8	2350
241/800CAK30	800	1280	475	17500	38400	90	120	0.35	1.9	2.9	1.8	2313
232/800CAK	800	1420	488	19900	41000	100	150	0.35	2.8	1.9	1.9	3419
232/800CAK30	800	1420	488	19900	41000	100	150	0.35	2.8	1.9	1.9	3301
238/850CA	850	1030	136	3400	1000	200	300	0.11	6.1	9.1	6.3	236
238/850CAK	850	1030	136	3400	1000	200	300	0.11	6.1	9.1	6.3	232
239/850CA	850	1120	200	5980	15600	190	260	0.16	4.2	6.3	4	570

Spherical roller bearings



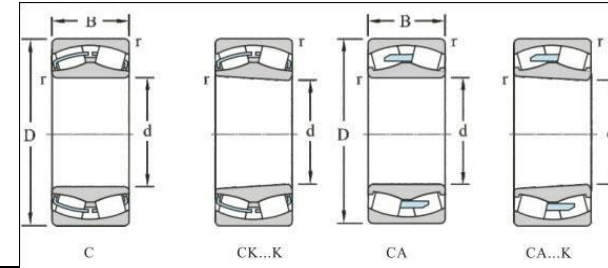
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
239/850CAK	850	1120	200	5980	15600	190	260	0.16	4.2	6.3	4	550
249/850CA	850	1120	272	7920	22100	190	260	0.22	3	4.6	2.8	750
249/850CAK30	850	1120	272	7920	22100	190	260	0.22	3	4.6	2.8	730
230/850CA	850	1220	272	9370	21600	180	240	0.2	3.4	5	3.2	1070
230/850CAK	850	1220	272	9370	21600	180	240	0.2	3.4	5	3.2	1050
240/850CA	850	1220	365	12000	30000	160	200	0.27	2.5	3.7	2.5	1416
240/850CAK30	850	1220	365	12000	30000	160	200	0.27	2.5	3.7	2.5	1410
231/850CA	850	1360	400	15600	33450	150	280	0.28	2.4	3.6	2.5	2260
231/850CAK	850	1360	400	15600	33450	150	280	0.28	2.4	3.6	2.5	2180
241/850CA	850	1360	500	19200	42700	105	140	0.35	1.9	2.9	1.8	2750
241/850CAK30	850	1360	500	19200	42700	105	140	0.35	1.9	2.9	1.8	2720
248/900CA	900	1090	190	4900	15500	210	375	0.14	4.8	7.2	4.5	370
239/900CA	900	1180	206	6440	16490	180	240	0.15	4.5	6.7	4.5	616
239/900CAK	900	1180	206	6440	16490	180	240	0.15	4.5	6.7	4.5	605
230/900CA	900	1280	375	9800	22500	160	200	0.2	3.4	5	3.2	1220
230/900CAK	900	1280	375	9800	22500	160	200	0.2	3.4	5	3.2	1180
240/900CA	900	1280	375	12900	32500	150	190	0.26	2.6	3.9	2.5	1570
240/900CAK30	900	1280	375	12900	32500	150	190	0.26	2.6	3.9	2.5	1520
241/900CA	900	1420	515	20300	46500	95	140	0.35	1.9	2.9	1.8	3060
241/900CAK30	900	1420	515	20300	46500	95	140	0.35	1.9	2.9	1.8	3042
232/900CAK30	900	1580	515	23600	49000	90	110	0.35	1.9	2.9	1.8	4360
239/950CA	950	1250	224	7250	19600	170	220	0.15	4.5	6.7	4.5	759

Spherical roller bearings



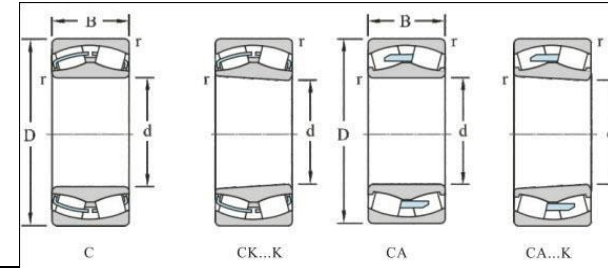
Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
239/950CAK	950	1250	224	7250	19600	170	220	0.15	4.5	6.7	4.5	737
249/950CA	950	1250	500	8900	25200	150	220	0.21	3.2	4.8	3.2	1030
249/950CAK30	950	1250	500	8900	25200	150	220	0.21	3.2	4.8	3.2	1000
230/950CA	950	1360	300	12000	28500	160	200	0.2	3.4	5	3.4	1450
230/950CAK	950	1360	300	12000	28500	160	200	0.2	3.4	5	3.4	1400
240/950CA	950	1360	412	14800	39000	130	170	0.27	2.5	3.7	2.5	1990
240/950CAK30	950	1360	412	14800	39000	130	170	0.27	2.5	3.7	2.5	1971
231/950CA	950	1500	438	18500	41600	90	130	0.27	2.5	3.7	2.5	2997
241/950CA	950	1500	545	22700	52200	90	120	0.35	1.9	2.9	1.8	3600
241/950CAK30	950	1500	545	22700	52200	90	120	0.35	1.9	2.9	1.8	3540
238/1000CA	1000	1220	165	4400	13600	150	300	0.11	5.92	8.81	5.78	407
238/1000CAK	1000	1220	165	4400	13600	150	300	0.11	5.92	8.81	5.78	392
249/1000CA	1000	1320	315	10400	29000	150	220	0.21	3.2	4.8	3.2	1200
249/1000CAK30	1000	1320	315	10400	29000	150	220	0.21	3.2	4.8	3.2	1188
230/1000CA	1000	1420	308	12700	30500	150	175	0.19	3.6	5.3	3.6	1590
240/1000CA	1000	1420	412	15400	40500	120	160	0.26	2.6	3.9	2.5	2150
240/1000CAK30	1000	1420	412	15400	40500	120	160	0.26	2.6	3.9	2.5	2130
231/1000CA	1000	1580	462	20300	45600	90	120	0.28	2.4	3.5	2.5	3520
231/1000CAK	1000	1580	462	20300	45600	90	120	0.28	2.4	3.5	2.5	3410
241/1000CA	1000	1580	580	25300	58900	85	110	0.35	1.9	2.9	1.8	4350
241/1000CAK30	1000	1580	580	25300	58900	85	110	0.35	1.9	2.9	1.8	4260
238/1060CA	1060	1280	165	4500	14200	150	200	0.11	6.1	9.1	6.3	440

Spherical roller bearings



Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
238/1060CAK	1060	1280	165	4500	14200	150	200	0.11	6.1	9.1	6.3	425
248/1060CA	1060	1280	218	5800	19000	125	160	0.14	4.8	7.2	4.5	576
248/1060CAK30	1060	1280	218	5800	19000	125	160	0.14	4.8	7.2	4.5	565
239/1060CA	1060	1400	250	9550	26000	140	180	0.16	4.2	6.3	4	1075
239/1060CAK	1060	1400	250	9550	26000	140	180	0.16	4.2	6.3	4	1041
249/1060CA	1060	1400	335	11150	31500	120	170	0.21	3.2	4.8	3.2	1420
249/1060CAK30	1060	1400	335	11150	31500	120	170	0.21	3.2	4.8	3.2	1390
230/1060CA	1060	1500	325	13380	32300	120	160	0.19	3.6	5.3	3.6	2300
230/1060CAK	1060	1500	325	13380	32300	120	160	0.19	3.6	5.3	3.6	2210
240/1060CAK	1060	1500	438	17300	45500	110	150	0.26	2.6	3.9	2.5	2540
240/1060CAK30	1060	1500	438	17300	45500	110	150	0.26	2.6	3.9	2.5	2500
248/1120CA	1120	1360	243	6900	22800	105	200	0.15	4.5	6.7	4.5	740
248/1120CAK30	1120	1360	243	6900	22800	105	200	0.15	4.5	6.7	4.5	725
249/1120CA	1120	1460	335	12000	35200	100	160	0.2	3.4	5	3.2	1500
230/1060CA	1120	1580	345	15000	381000	100	160	0.19	3.4	5	3.2	2210
240/1120CA	1120	1580	462	18100	48500	95	130	0.26	2.6	3.9	2.5	2940
240/1120CAK30	1120	1580	462	18100	48500	95	130	0.26	2.6	3.9	2.5	2850
241/1120K30	1120	1750	630	29500	72000	70	80	0.35	1.9	2.9	1.8	5610
238/1180CA	1180	1420	180	5500	17600	150	190	0.11	6.28	9.35	6.14	580
238/1180CCAK	1180	1420	180	5500	17600	150	190	0.11	6.28	9.35	6.14	567
248/1180CA	1180	1420	243	7300	25600	130	160	0.14	4.8	7.2	4.5	790
248/1180CAK30	1180	1420	243	7300	25600	130	160	0.14	4.8	7.2	4.5	770

Spherical roller bearings



Bearing Designations	Principal Dimensions (mm)			Basic load rating (kN)		Speed ratings (rpm)		Calculation coefficient				Weight (kg)
	d	D	B	Dynamic (Cr)	Static (Cor)	Grease	Oil	e	Y ₁	Y ₂	Y ₀	
239/1180CA	1180	1540	272	10750	30000	110	150	0.16	4.2	6.3	4	1391
239/1180CAK	1180	1540	272	10750	30000	110	150	0.16	4.2	6.3	4	1320
249/1180CA	1180	1540	355	13900	40000	110	150	0.2	3.42	5.09	3.34	1772
249/1180CAK30	1180	1540	355	13900	40000	110	150	0.2	3.42	5.09	3.34	1742
230/1180CA	1180	1660	355	15000	36000	110	150	0.2	3.42	5.09	3.34	2460
230/1250CA	1250	1750	375	17350	43650	100	120	0.19	3.6	5.3	3.6	2850
230/1250CAK	1250	1750	375	17350	43650	100	120	0.19	3.6	5.3	3.6	2760
248/1320CA	1320	1600	280	9820	33500	85	120	0.15	4.5	6.7	4.5	1175
248/1320CAK30	1320	1600	280	9820	33500	85	120	0.15	4.5	6.7	4.5	1150
249/1320CA	1320	1720	400	16400	49000	80	110	0.21	3.2	4.8	3.2	2500
249/1320CAK30	1320	1720	400	16400	49000	80	110	0.21	3.2	4.8	3.2	2460
240/1320CA	1320	1850	530	23200	63300	70	85	0.25	2.7	4	2.6	4540
249/1400CA	1400	1820	425	20000	58500	70	85	0.2	3.42	5.09	3.34	2920
248/1500CA	1500	1820	315	12000	42700	67	83	0.15	4.5	6.7	4.5	1730
248/1500CAK30	1500	1820	315	12000	42700	67	83	0.15	4.5	6.7	4.5	1700