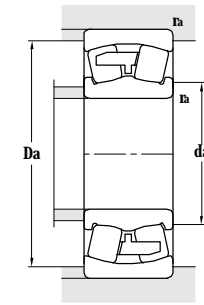
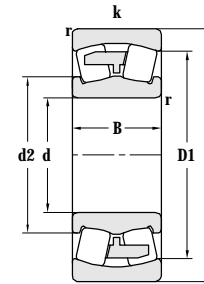
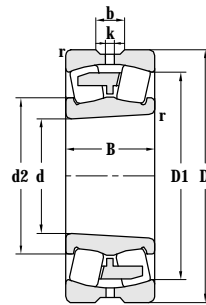
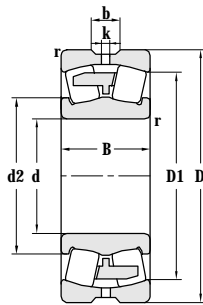


Spherical Roller Bearing(CA)

d 110~120 mm



Principal dimensions				Basic load ratings		Limit speed ratings		Designations	
d	D	B	r <sub>min</sub>	C <sub>r</sub>	C <sub>Or</sub>	Grease	Oil		
mm				kN		r/min			
110	200	53	2.1	530	610	2000	2800	22222CAK 22222CAK/W33	
	200	69.8	2.1	570	727	1600	2000	23222CA 23222CA/W33	
	200	69.8	2.1	570	727	1600	2000	23222CAF3 23222CAF3/W33	
	200	69.8	2.1	570	727	1600	2000	23222CAK 23222CAK/W33	
	200	69.8	2.1	570	727	1600	2000	23222CAKF3	
	200	69.8	2.1	490	740	1700	2200	23222/W33	
	240	80	3	900	1060	1600	2000	22322CA 22322CA/W33	
	240	80	3	900	1060	1600	2000	22322CAF3 22322CAF3/W33	
	240	80	3	900	1060	1600	2000	22322CAK 22322CAK/W33	
	240	50	3	420	490	1600	2000	21322CA/W33	
	120	180	46	2	340	495	2000	2800	23024CA 23024CA/W33
		180	46	2	340	495	2000	2800	23024CAK 23024CAK/W33
180		46	2	340	495	2000	2800	23024CAKF3/W33	
180		46	2	340	495	2000	2800	23024CA/W33A	
180		60	2	410	660	1600	2000	24024CA 24024CA/W33	
180		60	2	410	660	1600	2000	24024CA/W513	
180		60	2	410	660	1600	2000	24024F1/W33	
200		62	2	490	715	1800	2400	23124CA/W33 23124CAK/W33	
200		62	2	430	715	1900	2600	23124/W33	
200		62	2	430	715	1900	2600	23124K	
200		80	2	620	925	1400	1800	24124CA 24124CA/W33	
200		80	2	620	925	1400	1800	24124CAF3	
200		80	2	620	925	1400	1800	24124CAK30/W33	
215		58	2.1	600	730	1900	2600	22224CA 22224CAF3	
215		58	2.1	600	730	1900	2600	22224CA/W33	
215		58	2.1	600	730	1900	2600	22224CAK 22224CAK/W33	
215		58	2.1	600	730	1900	2600	22224CAKF3 22224CAKF3/W33	
215		76	2.1	660	940	1500	1900	23224CA 23224CA/W33	
215		76	2.1	660	940	1500	1900	23224CAF3/W33	
215		76	2.1	660	940	1500	1900	23224CAK/W33 23224CAK/W33	
240		100	2	570	925	1500	1900	24124X3CA/C9WN33	
260		86	3	920	1060	1400	1800	22324 22324/W33	
260		86	3	920	1060	1400	1800	22324K 22324K/W33	
260		86	3	920	1060	1400	1800	22324KF3 22324KF3/W33	
260		86	3	920	1060	1400	1800	22324F3 22324F3/W33	

Other dimensions				Contact surface and chamfer dimensions			Calculation coefficient				Weight
d2	D1	b	k	da	Da	ra	e	Y1	Y2	Y0	
mm				mm	mm	mm	mm				kg
139	173	8.3	4	122	188	2	0.26	2.60	3.90	2.50	7.25
138	168	12	5	122	188	2	0.34	1.99	2.96	1.94	10.1
138	168	12	5	122	188	2	0.34	1.99	2.96	1.94	9.79
138	168	12	5	122	188	2	0.34	1.99	2.96	1.94	9.83
138	168	12	5	122	188	2	0.34	1.99	2.96	1.94	9.77
139	168	12	5	122	188	2	0.35	1.90	2.90	1.80	9.54
151	197	13.9	6	122	188	2.5	0.31	2.20	3.30	2.20	18.9
151	197	13.9	6	122	188	2.5	0.31	2.20	3.30	2.20	18.7
151	197	13.9	6	122	188	2.5	0.31	2.20	3.30	2.20	18.5
150	202	7.5	3								11.7
139	162	5.5	3	130	170	2	0.23	2.90	4.40	2.80	4.44
139	162	5.5	3	130	170	2	0.23	2.90	4.40	2.80	4.42
139	162	5.5	3	130	170	2	0.23	2.90	4.40	2.80	4.34
139	162	7	4	130	170	2					4.39
139	158	5.5	4	130	170	2	0.31	2.20	3.30	2.20	5.83
139	158	5.5	4	130	170	2	0.31	2.20	3.30	2.20	5.79
139	158	5.5	4	130	170	2					5.5
146	174	5.5	3	130	190	2	0.30	2.30	3.40	2.20	12.2
146	174	5.5	3	130	190	2	0.31	2.20	3.30	2.20	7.97
146	174	5.5	3	130	190	2	0.31	2.20	3.30	2.20	7.73
146	167	5.5	3	130	190	2	0.30	2.30	3.40	2.20	10
146	167	5.5	3	130	190	2	0.30	2.30	3.40	2.20	9.95
146	167	5.5	3	130	190	2	0.30	2.30	3.40	2.20	9.88
149	187			132	203	2	0.26	2.60	3.90	2.50	9.87
149	187	11.1	4	132	203	2	0.26	2.60	3.90	2.50	9.53
149	187	11.1	4	132	203	2	0.26	2.60	3.90	2.50	9.76
149	187	11.1	4	132	203	2	0.26	2.60	3.90	2.50	9.68
150	182	8.3	5	132	203	2	0.35	1.90	2.90	1.80	12.1
150	182	8.3	5	132	203	2	0.35	1.90	2.90	1.80	12.0
150	182	8.3	5	132	203	2	0.35	1.90	2.90	1.80	11.9
146	167			130	190	2	0.38	1.80	2.60	1.70	21.3
157	218			134	246	2.5					21.7
157	218			134	246	2.5					21.3
157	218			134	246	2.5					21.1
157	218			134	246	2.5					21.2