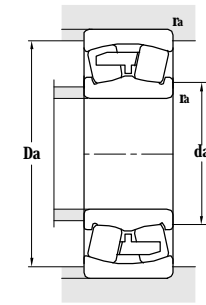
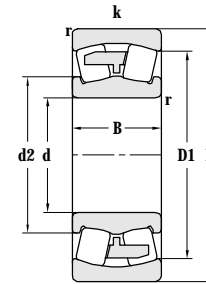
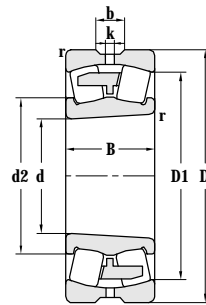
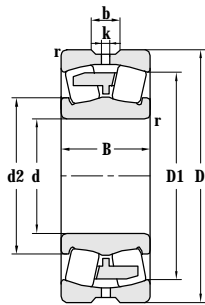


Spherical Roller Bearing(CA)

d 180 mm



Principal dimensions				Basic load ratings		Limit speed ratings		Designations
d	D	B	r <sub>min</sub>	C <sub>r</sub>	C <sub>0r</sub>	Grease	Oil	
mm				kN		r/min		
<b>180</b>	280	74	2.1	700	1320	1400	1800	<b>23036KF3</b>
	280	74	2.1	790	1280	1400	1800	<b>23036CA</b>
	280	74	2.1	790	1280	1400	1800	<b>23036CA/W33</b>
	280	74	2.1	790	1280	1400	1800	<b>23036CAK/W33</b>
	280	100	2.1	1030	1750	950	1300	<b>23036CAF3</b>
	280	100	2.1	1030	1750	950	1300	<b>24036CA/W33</b>
	280	100	2.1	1030	1750	950	1300	<b>24036CAF3/W33</b>
	280	100	2.1	1030	1750	950	1300	<b>24036CAK30F3/W33</b>
	300	96	3	1140	1670	1100	1500	<b>23136</b>
	300	96	3	1140	1670	1100	1500	<b>23136K</b>
	300	96	3	1140	1670	1100	1500	<b>23136K/W33</b>
	300	96	3	1140	1670	1100	1500	<b>23136F3</b>
	300	96	3	1140	1670	1100	1500	<b>23136KF3</b>
	300	96	3	1140	1800	1100	1500	<b>23136CA</b>
	300	96	3	1140	1800	1100	1500	<b>23136CA/W33</b>
	300	96	3	1140	1800	1100	1500	<b>23136CAF3</b>
	300	96	3	1140	1800	1100	1500	<b>23136CAK</b>
	300	96	3	1140	1800	1100	1500	<b>23136CAK/W33</b>
	300	96	3	1140	1800	1100	1500	<b>23136CAK30/W33</b>
	300	96	3	1140	1800	1100	1500	<b>23136CAK/W33</b>
	300	118	3	1330	2050	630	800	<b>24136CA</b>
	300	118	3	1330	2050	630	800	<b>24136CA/W33</b>
	300	118	3	1330	2050	630	800	<b>24136CA/HCW33YA2</b>
	300	118	3	1330	2050	630	800	<b>24136CAQ1</b>
	320	86	4	1120	1550	1300	1700	<b>22236</b>
	320	86	4	1120	1550	1300	1700	<b>22236K</b>
	320	86	4	1120	1550	1300	1700	<b>22236KF3</b>
	320	86	4	1120	1550	1300	1700	<b>22236F3</b>
	320	86	4	1120	1550	1300	1700	<b>22236F3/W33</b>
	320	86	4	1120	1550	1300	1700	<b>22236CA</b>
	320	86	4	1120	1550	1300	1700	<b>22236CA/W33</b>
	320	86	4	1120	1550	1300	1700	<b>22236CAF3</b>
	320	86	4	1120	1550	1300	1700	<b>22236CAQ1</b>
	320	86	4	1120	1550	1300	1700	<b>22236CAK</b>
	320	86	4	1120	1550	1300	1700	<b>22236CAK/W33</b>
	320	86	4	1120	1550	1300	1700	<b>22236CAK/W33T</b>
	320	112	4	1290	2270	900	1200	<b>23236/W33</b>
	320	112	4	1430	2130	900	1200	<b>23236CA</b>
	320	112	4	1430	2130	900	1200	<b>23236CA/W33</b>
	320	112	4	1430	2130	900	1200	<b>23236CA/HCW33</b>
320	112	4	1430	2130	900	1200	<b>23236CAF3</b>	
320	112	4	1430	2130	900	1200	<b>23236CAF3/W33</b>	
320	112	4	1430	2130	900	1200	<b>23236CAK/W33</b>	
320	112	4	1430	2130	900	1200	<b>23236CAK/W33</b>	
380	126	4	1400	2300	900	1200	<b>22336</b>	
380	126	4	1400	2300	900	1200	<b>22336K</b>	
380	126	4	1400	2300	900	1200	<b>22336K/W33</b>	
380	126	4	1400	2300	900	1200	<b>22336F3</b>	
380	126	4	1900	2400	900	1200	<b>22336CA</b>	
380	126	4	1900	2400	900	1200	<b>22336CA/W33</b>	
380	126	4	1900	2400	900	1200	<b>22336CAF3/W33</b>	
380	126	4	1900	2400	900	1200	<b>22336CAK</b>	
380	126	4	1900	2400	900	1200	<b>22336CAK/W33</b>	

Other dimensions				Contact surface and chamfer dimensions			Calculation coefficient				Weight
d2	D1	b	k	da	Da	ra	e	Y1	Y2	Y0	
mm				mm			mm				kg
214	247			192	268	2					17.2
214	247	13.9	7.5	192	268	2	0.25	2.70	4.00	2.60	17.7
214	247	13.9	7.5	192	268	2	0.25	2.70	4.00	2.60	16.8
214	247			192	268	2	0.25	2.70	4.00	2.60	17.6
210	242	8.3	4	192	268	2	0.33	2.00	3.00	2.00	25.7
210	242	8.3	4	192	268	2	0.33	2.00	3.00	2.00	25.6
216	259			194	286	2.5					28.6
216	259	13.9	6	194	286	2.5					28.2
216	259			194	286	2.5					28.2
216	259	13.9	6	194	286	2.5					27.8
216	259	13.9	6	194	286	2.5	0.30	2.30	3.40	2.20	27.6
216	259			194	286	2.5	0.30	2.30	3.40	2.20	27.0
216	259	13.9	6	194	286	2.5	0.30	2.30	3.40	2.20	27.5
216	259			194	286	2.5					26.8
216	259	13.9	6	194	286	2.5	0.30	2.30	3.40	2.20	26.5
212	252	11.1	6	194	286	2.5	0.37	1.80	2.70	1.80	33.0
212	252	11.1	6	194	286	2.5	0.37	1.80	2.70	1.80	32.8
212	252			194	286	2.5	0.37	1.80	2.70	1.80	33.0
224	278			198	302	3					31.1
224	278			198	302	3					30.2
224	278			198	302	3					30.8
224	278			198	302	3					30.8
224	278	16.7	6	198	302	3	0.26	2.60	3.90	2.50	29.4
224	278			198	302	3	0.26	2.60	3.90	2.50	29.2
224	278			198	302	3	0.26	2.60	3.90	2.50	29.3
224	278	16.7	6	198	302	3	0.26	2.60	3.90	2.50	29.1
222	271	13.9	7	198	302	3					40
222	271			198	302	3	0.35	1.90	2.90	1.80	38.7
222	271	13.9	7	198	302	3	0.35	1.90	2.90	1.80	38.6
222	271	13.9	7	198	302	3	0.35	1.90	2.90	1.80	38.5
222	271	13.9	7	198	302	3	0.35	1.90	2.90	1.80	38.4
241	317	22.3	8	198	362	3					70.9
241	317	22.3	8	198	362	3					69.8
241	317			198	362	3					70.5
242	316	22.3	8	198	362	3	0.34	1.99	2.96	1.94	72.2
242	316	22.3	8	198	362	3	0.34	1.99	2.96	1.94	71.3
242	316	22.3	8	198	362	3	0.34	1.99	2.96	1.94	71.3