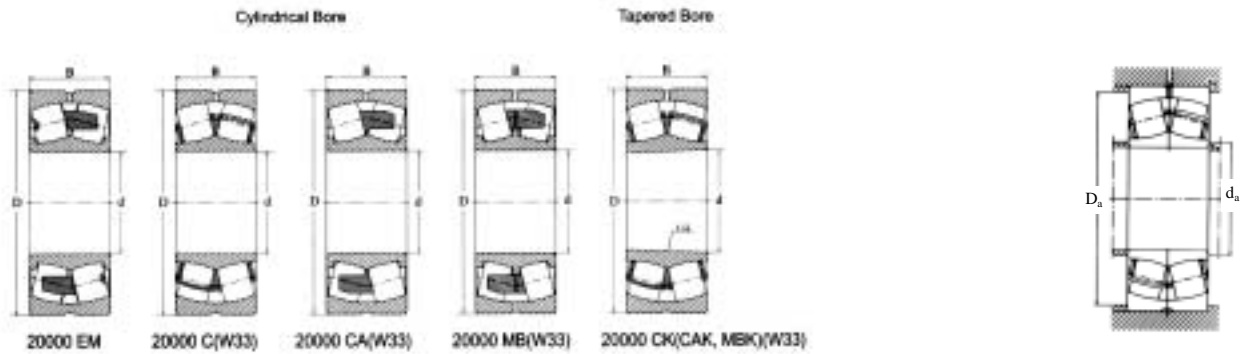


SPHERICAL ROLLER BEARINGS



Principal Dimensions			Basic Load Ratings		Limited Speeds		Weight	Shoulder Dia.			Calculation Factors				Bearing Number
d	D	B	C _r	Cor	Grease	Oil	wt	d _a min	D _a max	r _a max	e	Y ₁	Y ₂	Y ₀	
mm	mm	mm	kN	kN	r/min	r/min	kg	mm	mm	mm					
25	52	18	42.1	43.5	8100	11000	0.186	30	47	1	0.35	1.92	2.86	1.88	22205 CA
25	52	18	42.1	43.5	8100	11000	0.186	30	47	1	0.35	1.92	2.86	1.88	22205 CTN1
25	52	18	43.0	42.1	8100	11000	0.179	30	47	1	0.34	2.00	2.98	1.96	22205 EM
30	62	20	38.0	46.0	5100	6800	0.294	36	56	1	0.33	2.03	3.02	1.98	22206 BR
30	62	20	51.7	55.0	6800	9100	0.294	36	56	1	0.33	2.03	3.02	1.98	22206 CA
30	62	20	51.7	55.0	6800	9100	0.294	36	56	1	0.33	2.03	3.02	1.98	22206 C
30	62	20	51.7	55.0	6800	9100	0.294	36	56	1	0.33	2.03	3.02	1.98	22206 MB
30	62	20	55.2	56.8	6800	9100	0.286	36	56	1	0.31	2.15	3.02	2.10	22206 EM
35	72	23	50.0	62.0	4400	5900	0.447	42	65	1	0.33	2.03	3.20	1.98	22207 BR
35	72	23	67.0	73.9	5900	7800	0.447	42	65	1	0.33	2.03	3.02	1.98	22207 CA
35	72	23	67.0	73.9	5900	7800	0.447	42	65	1	0.33	2.03	3.02	1.98	22207 C
35	72	23	67.0	73.9	5900	7800	0.447	42	65	1	0.33	2.03	3.02	1.98	22207 MB
35	72	23	74.1	82.2	5900	7800	0.437	42	65	1	0.31	2.21	3.29	2.16	22207 EM
40	80	23	57.0	71.0	3900	5200	0.536	47	73	1	0.29	2.35	3.50	2.30	22208 BR
40	80	23	76.9	85.0	5200	6900	0.536	47	73	1	0.29	2.35	3.50	2.30	22208 CA
40	80	23	76.9	85.0	5200	6900	0.536	47	73	1	0.29	2.35	3.50	2.30	22208 C
40	80	23	76.9	85.0	5200	6900	0.536	47	73	1	0.29	2.35	3.50	2.30	22208 MB
40	80	23	85.4	93.4	5200	6900	0.525	47	73	1	0.27	2.47	3.67	2.41	22208 EM
40	90	33	85.0	107.0	3000	4000	1.030	47	82	1.5	0.39	1.75	2.61	1.71	22308 BR
40	90	33	115.0	127.0	4000	5300	1.030	48	82	1.5	0.39	1.75	2.61	1.71	22308 CA
40	90	33	115.0	127.0	4000	5300	1.030	48	82	1.5	0.39	1.75	2.61	1.71	22308 C
40	90	33	115.0	127.0	4000	5300	1.030	48	82	1.5	0.39	1.75	2.61	1.71	22308 MB
40	90	33	132.0	147.0	4000	5300	1.020	48	82	1.5	0.36	1.87	2.79	1.83	22308 EM
45	85	23	60.0	77.0	3700	4900	0.597	52	78	1	0.27	2.50	3.72	2.44	22209 BR
45	85	23	80.5	91.9	4900	6500	0.597	52	78	1	0.27	2.50	3.72	2.44	22209 CA
45	85	23	80.5	91.9	4900	6500	0.597	52	78	1	0.27	2.50	3.72	2.44	22209 C
45	85	23	80.5	91.9	4900	6500	0.597	52	78	1	0.27	2.50	3.72	2.44	22209 MB
45	85	23	89.6	101.0	4900	6500	0.585	52	78	1	0.26	2.64	3.93	2.58	22209 EM
45	100	36	108.0	141.0	2700	3600	1.430	53	92	1.5	0.39	1.71	2.54	1.67	22309 BR
45	100	36	146.0	168.0	3600	4800	1.430	53	92	1.5	0.39	1.71	2.54	1.67	22309 CA
45	100	36	146.0	168.0	3600	4800	1.430	53	92	1.5	0.39	1.71	2.54	1.67	22309 C
45	100	36	146.0	168.0	3600	4800	1.430	53	92	1.5	0.39	1.71	2.54	1.67	22309 MB
45	100	36	162.0	182.0	3600	4800	1.420	53	92	1.5	0.36	1.90	2.83	1.86	22309 EM
50	90	23	61.0	82.0	3400	4500	0.641	57	83	1	0.25	2.71	4.04	2.65	22210 BR
50	90	23	83.1	97.8	4500	6000	0.641	57	83	1	0.25	2.71	4.04	2.65	22210 CA