

Self-aligning Ball Bearings

Suffixes

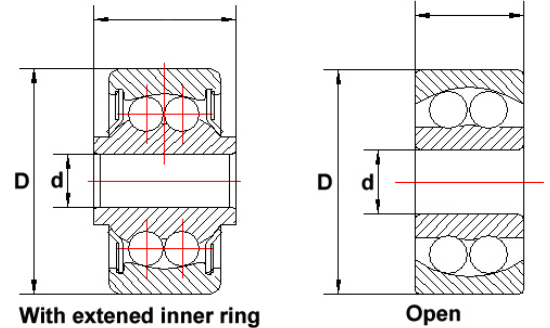
M: Brass cage, ball riding

K: Taper 1: 12

C3: Radial internal clearance is C3 series

2RS: Two contact type rubber seals

TV: Glass-fibre reinforced polyamide, ball riding



Code	Dimensions (mm)			r_s min	Mass (kg)	Load rating (N)		Limiting min^{-1}	
	d	D	B			Cr	Cor		
108TV	8	22	7	0.3	0.014	2.65	0.56	36000	
129TV	9	26	8	0.6	0.022	3.80	0.80	32000	
1200TV	10	30	9	0.6	0.034	5.50	1.20	3000	
2200TV		30	14	0.6	0.045	8.30	1.73	28000	
2200.2RS.TV		30	14	0.6	0.053	5.50	1.20	18000	
1201TV	12	32	10	0.6	0.041	5.60	1.27	30000	
2201TV		32	14	0.6	0.05	9.00	1.96	26000	
2201.2RS.TV		32	14	0.6	0.058	5.60	1.27	17000	
1202TV	15	35	11	0.6	0.048	7.50	1.76	26000	
2202TV		35	14	0.6	0.057	9.15	2.08	24000	
2202.2RS.TV		35	14	0.6	0.061	7.50	1.76	15000	
2302TV		42	17	1	0.111	16.00	3.75	18000	
1203TV	17	40	12	0.6	0.073	8.00	2.04	22000	
2203TV		40	16	0.6	0.054	11.40	2.75	19000	
2203.2RS.TV		40	16	0.6	0.098	8.00	2.04	14000	
1303TV		47	14	1	0.065	12.50	3.20	18000	
2303TV		47	19	1	0.155	13.40	3.20	17000	
2303.2RS.TV		47	19	1	0.176	12.50	3.20	11000	
1204TV		20	47	14	1	0.118	10.00	2.65	18000
1204K.TV.C3	47		14	1	0.116	10.00	2.65	18000	
11204TV	47		14	1	0.085	10.00	2.65	13000	
2204TV	47		18	1	0.134	14.30	3.55	17000	
2204.2RS.TV	47		18	1	0.151	10.00	2.65	11000	
1304TV2304TV	52		15	1.1	0.163	12.50	3.35	16000	
2304.2RS.TV	52		21	1.1	0.206	17.00	4.25	16000	
2304.2RS.TV	52		21	1.1	0.228	12.50	3.35	10000	
1205TV	25		52	21	1	0.138	12.20	2.48	16000
1205K.TV.C3			52	21	1	0.135	12.20	2.48	16000
11205TV		52	15	1	0.226	12.20	2.48	10000	
2205TV		52	15	1	0.152	17.00	1.86	15000	
2205.2RS.TV		52	15	1	0.161	12.20	2.48	95000	
2205K.TV.C3		52	18	1	0.152	17.00	1.86	15000	
2205K.2RS.TV.C3		52	18	1	0.157	12.20	2.48	9500	
1305TV		62	17	1.1	0.258	18.00	5.00	14000	
1305K.TV.C3		62	17	1.1	0.254	18.00	5.00	14000	
2305TV		62	24	1.1	0.335	24.50	6.55	13000	
2305.2RS.TV		62	24	1.1	0.363	18.00	5.00	8000	
2305K.TV.C3		62	24	1.1	0.328	24.50	6.55	13000	
1206TV		30	62	16	1	0.221	15.60	4.65	14000

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1206K.TV.C3		62	16	1	0.217	15.60	4.65	14000	
11206TV		62	16	1	0.364	15.60	4.65	8500	
2206TV		62	20	1	0.252	25.50	6.95	12000	
2206.2RS.TV		62	20	1	0.273	15.60	4.65	8000	
2206K.TV.C3		62	20	1	0.246	25.50	6.95	12000	
2206K.2RS.TV.C3		62	20	1	0.268	15.60	4.65	8000	
1306TV		72	19	1.1	0.384	21.20	6.30	11000	
1306K.TV.C3		72	19	1.1	0.379	21.20	6.30	11000	
2306TV		72	27	1.1	0.488	31.50	8.65	10000	
2306.2RS.TV		72	27	1.1	0.55	21.20	6.30	6700	
2306K.TV.C3		72	27	1.1	0.476	31.50	8.65	10000	
1207TV	35	72	17	1.1	0.324	16.00	5.20	12000	
1207K.TV.C3		72	17	1.1	0.319	16.00	5.20	12000	
11207TV		72	17	1.1	0.544	16.00	5.20	7500	
2207TV		72	23	1.21	0.389	32.00	9.00	9500	
2207.2RS.TV		72	23	1.1	0.422	16.00	5.20	7000	
2207K.TV.C3		72	23	1.1	0.38	32.00	9.00	9500	
2207K.2RS.TV.C3		72	23	1.1	0.432	16.00	5.20	7000	
1307TV		80	21	1.5	0.507	25.00	8.00	9500	
1307K.TV.C3		80	21	1.5	0.5	25.00	8.00	9500	
2307TV		80	31	1.5	0.975	39.00	11.00	9000	
2307.2RS.TV		80	31	1.5	0.744	25.00	8.00	6000	
2307K.TV.C3		80	31	1.8	0.96	39.00	11.00	9000	
1208TV		40	80	18	1.1	0.414	19.30	6.55	10000
1208K.TV.C3			80	18	1.1	0.408	19.30	6.55	10000
11208TV			80	18	1.1	0.722	19.30	6.55	6700
2208TV			80	23	1.1	0.476	31.50	9.50	9000
2208.2RS.TV			80	23	1.1	0.528	19.30	6.55	6300
2208K.TV.C3	80		23	1.1	0.465	31.50	9.50	9000	
2208K.2RS.TV.C3	80		23	1.1	0.517	19.30	6.55	63000	
1308TV	90		23	1.5	0.708	29.00	9.65	8500	
1308K.TV.C3	90		23	1.5	0.698	29.00	9.65	8500	
230TV	90		33	1.5	0.922	45.00	13.40	8000	
2308.2RS.TV	90		33	1.5	1.01	29.00	9.65	5300	
2308K.TV.C3	90		33	1.5	0.899	45.00	13.40	8000	
1209TV	45	85	19	1.1	0.462	22.00	7.35	9000	
1209K.TV.C3		85	19	1.1	0.454	22.00	7.35	9000	
11209TV		85	19	1.1	0.78	22.00	7.35	6000	
2209TV		85	23	1.1	0.517	28.00	9.00	8500	
2209.2RS.TV		85	23	1.1	0.548	22.00	7.35	5600	
2209K.TV.C3		85	23	1.1	0.505	28.00	9.00	8500	
2209K.2RS.TV.C3		85	23	1.1	0.535	22.00	7.35	5600	
1309TV		100	25	1.5	0.953	38.00	12.90	7500	
1309K.TV.C3		100	25	1.5	0.939	38.00	12.90	7500	
2309TV		100	36	1.5	1.22	54.00	16.30	7000	
2309.2RS.TV		100	36	1.5	1.34	38.00	12.90	4800	
2309K.TV.C3	100	36	1.5	1.19	54.00	16.30	7000		
1210TV	50	90	20	1.1	0.526	22.80	8.15	8500	
1210K.TV.C3		90	20	1.1	0.516	22.80	8.15	8500	
11210TV		90	20	1.1	0.866	22.80	8.15	5600	
2210TV		90	23	1.1	0.556	28.00	9.50	8000	
2210.2RS.TV		90	23	1.1	0.606	22.80	8.15	5300	
2210K.TV.C3		90	23	1.1	0.543	28.00	9.50	8000	
2210K.2RS.TV.C3		90	23	1.1	0.593	22.80	8.15	5300	
1310TV		110	27	2	1.54	41.50	14.30	6700	
1310K.TV.C3		110	27	2	1.52	41.50	14.30	6700	
2310TV		110	40	2	1.63	64.00	20.00	6300	

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2310.2RS.TV	55	110	40	2	1.82	41.50	14.30	4300
23107K.TV.C3		110	40	2	1.59	64.00	20.00	6300
1211TV		100	21	1.5	0.693	27.00	10.00	7500
1211K.TV.C3		100	21	1.5	0.682	27.00	10.00	7500
11211TV		100	21	1.5	1.13	27.00	10.00	5000
2211TV		100	25	1.5	0.746	39.00	12.70	6700
2211.2RS.TV		100	25	1.5	0.825	27.00	10.00	4800
2211K.TV.C3		100	25	1.5	0.73	39.00	12.70	6700
2211K.2RS.TV.C3		100	25	1.5	0.808	27.00	10.00	4800
1311TV		120	29	2	1.57	51.00	18.00	6000
1311K.TV.C3		120	29	2	1.55	51.00	18.00	6000
2311TV		120	43	2	2.07	75.00	23.60	5600
2311.2RS.TV		120	43	2	2.27	51.00	18.00	3800
2311K.TV.C3		120	43	2	2.02	75.00	23.60	5600
1212TV		60	110	22	1.5	0.894	30.00	11.60
1212K.TV.C3	110		22	1.5	0.88	30.00	11.60	6700
11212TV	110		22	1.5	1.51	30.00	11.60	4500
2212TV	110		28	1.5	1.05	47.50	16.60	6300
2212.2RS.TV	110		28	1.5	1.13	30.00	11.60	4300
2212K.TV.C3	110		28	1.5	1.03	47.50	16.60	6300
2212K.2RS.TV.C3	110		28	1.5	1.05	30.00	11.60	4300
1312TV	130		31	2.1	1.97	57.00	20.80	5300
1312K.TV.C3	130		31	2.1	13.94	57.00	20.80	5300
2312TV	130		46	2.1	2.58	86.50	28.00	5000
2312.2RS.TV	130		46	2.1	2.52	86.50	28.00	5000
1213TV	65		120	23	1.5	1.14	31.00	12.50
1213K.TV.C3		120	23	1.5	1.13	31.00	12.50	6300
2213TV		120	31	1.5	1.36	57.00	19.30	5300
2213.2RS.TV		120	31	1.5	1.53	31.00	12.50	4000
2213K.TV.C3		120	31	1.5	1.33	57.00	19.30	5300
2213K.2RS.TV.C3		120	31	1.5	1.5	31.00	12.50	4000
1313TV		140	33	2.1	2.44	62.00	22.80	5000
1313K.TV.C3		140	33	2.1	2.41	62.00	22.80	5000
2313TV		140	48	2.1	3.23	95.00	32.50	4800
2313.2RS.TV		140	48	2.1	3.16	95.00	32.50	4800
1214TV		70	125	24	1.5	1.25	34.50	13.70
1214K.TV.C3	125		24	1.5	1.23	34.50	13.70	6000
2214M	125		31	1.5	1.7	44.00	17.00	8500
2214.2RS.TV	125		31	1.5	1.59	34.50	13.70	3800
1314M	150		35	2.1	3.22	75.00	27.50	7000
2314M	150		51	2.1	4.38	110.00	37.50	6300
1215TV	75		130	25	1.5	1.34	39.00	15.60
1215K.TV.C3		130	25	1.5	1.32	39.00	15.60	5600
2215TV		130	31	1.5	1.6	44.00	18.00	5300
2215K.TV.C3		130	31	1.5	1.6	44.00	18.00	5300
1315M		160	37	2.1	3.86	80.00	30.00	6300
1315K.M.C3		160	37	2.1	3.81	80.00	30.00	6300
2315M		160	55	2.1	5.33	122.00	42.50	6000
2315K.M.C3		160	55	2.1	5.21	122.00	42.50	6000
1216TV		80	140	26	2	1.65	40.00	17.00
1216K.TV.C3	140		26	2	1.62	40.00	17.00	5000
2216TV	140		33	2	2.01	49.00	20.00	5000
2216K.TV.C3	140		33	2	1.97	49.00	20.00	5000
1316M	170		39	2.1	4.56	88.00	32.50	6000
1316K.M.C3	170		39	2.1	4.5	88.00	32.50	6000
2316M	170		58	2.1	6.31	137.00	48.00	5600
2316K.M.C3	170		58	2.1	6.18	137.00	48.00	5600

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1217TV	85	150	28	2	2.07	49.00	20.40	4800
1217K.TV.C3		150	28	2	2.03	49.00	20.40	4800
2217M		150	36	2	2.79	58.50	23.60	7000
2217K.M.C3		150	36	2	2.73	58.50	23.60	7000
1317M		180	41	3	5.39	98.00	38.00	5600
1317K.M.C3		180	41	3	5.32	98.00	38.00	5600
2317M		180	60	3	7.35	140.00	51.00	5300
2317K.M.C3		180	60	3	7.36	140.00	51.00	5300
1218TV		90	160	30	2	2.52	57.00	23.60
1218K.TV.C3	160		30	2	2.48	57.00	23.60	4500
2218TV	160		40	2	3.18	69.50	28.50	4300
2218K.TV.C3	160		40	2	3.18	69.50	28.50	4300
1318M	190		43	3	6.34	108.00	43.00	5300
1318K.M.C3	190		43	3	6.26	108.00	43.00	5300
2318M	190		64	3	8.78	153.00	57.00	5000
2318K.M.C3	190		64	3	8.6	153.00	57.00	5000
1219M	95		170	32	2.1	3.32	64.00	27.00
1219K.M.C3		170	32	2.1	3.28	64.00	27.00	6000
2219M		170	43	2.1	4.33	83.00	34.00	6000
2219K.M.C3		170	43	2.1	4.24	83.00	34.00	6000
1319M		200	45	3	7.29	132.00	51.00	5000
1319K.M.C3		200	45	3	7.2	132.00	51.00	5000
2319M		200	67	3	10.2	163.00	64.00	4800
2319K.M.C3		200	67	3	9.97	163.00	64.00	4800
1220M		100	180	34	2.1	3.99	69.50	29.00
1220K.M.C3	180		34	2.1	3.94	69.50	29.00	5600
2220M	180		46	2.1	5.321	98.00	40.50	5600
2220K.M.C3	180		46	2.1	5.1	98.00	40.50	5600
1320M	215		47	3	9.06	143.00	58.50	4800
1320K.M.C3	215		47	3	8.95	143.00	58.50	4800
2320M	215		73	3	12.9	193.00	78.00	4500
2320K.M.C3	215		73	3	12.7	193.00	78.00	4500
1221M	105		190	36	2.1	4.75	75.00	32.00
1321M	110	225	49	3	10.3	156.00	65.50	4500
1222M		200	38	2.1	5.57	88.00	38.00	5000
1222K.M.C3		200	38	2.1	5.49	88.00	38.00	5000
2222M		200	53	2.1	7.45	125.00	52.00	5000
2222K.M.C3		200	53	2.1	7.27	125.00	52.00	5000
1322M		240	50	3	12.3	163.00	71.00	4500
1322K.M.C3		240	50	3	12.2	163.00	71.00	4500
2322M		240	80	3	18.1	216.00	95.00	4300
2322K.M.C3		240	80	3	17.5	216.00	95.00	4300
1224M	120	215	42	2.1	7.13	120.00	53.00	4800
1226M	130	230	46	3	8.67	125.00	56.00	4500
1228M	140	250	50	3	11.2	163.00	75.00	4300
1230M	150	270	54	3	14.6	180.00	86.50	3800