

## Angular contact ball bearings, single row, for paired and stack mounting

Dimensions						Basic radial load		Speed limit		Designation	Weight
d	D	B	r <sub>s</sub> min.	r <sub>1s</sub> min.	a	dyn. C <sub>r</sub>	stat. C <sub>0r</sub>	grease min <sup>-1</sup>	oil min <sup>-1</sup>	-	Kg
mm	mm	mm	mm	mm	mm	KN	KN	min <sup>-1</sup>	min <sup>-1</sup>	-	Kg
15	35	11	0.6	0.3	16	12	7.8	14000	20000	<b>7202BDT</b>	0.096
	35	11	0.6	0.3	16	12	7.8	13000	18000	<b>7202BDB</b>	0.096
	35	11	0.6	0.3	16	12	7.8	14000	20000	<b>7202BP6DT</b>	0.096
	35	11	0.6	0.3	16	12	7.8	13000	18000	<b>7202BP5DB</b>	0.096
17	40	12	0.6	0.6	18	17.8	12.2	13000	17000	<b>7203BDT</b>	0.140
	40	12	0.6	0.6	18	17.8	12.2	13000	15000	<b>7203BDB</b>	0.140
	40	12	0.6	0.6	18	17.8	12.2	13000	15000	<b>7203BDF</b>	0.140
	40	12	0.6	0.6	18	17.8	12.2	13000	15000	<b>7203BP6DB</b>	0.140
	40	12	0.6	0.6	18	17.8	12.2	13000	15000	<b>7203BP5DB</b>	0.140
	47	14	1	0.6	21	24	16.2	13000	15000	<b>7303BDT</b>	0.240
20	47	14	1	0.6	21	22.8	16.8	10000	14000	<b>7204BDT</b>	0.220
	47	14	1	0.6	21	22.8	16.8	10000	14000	<b>7204BDB</b>	0.220
	47	14	1	0.6	21	22.8	16.8	9000	13000	<b>7204BDF</b>	0.220
	47	14	1	0.6	21	22.8	16.8	9000	13000	<b>7204BP6DB</b>	0.220
	47	14	1	0.6	21	22.8	16.8	9000	13000	<b>7204BP5DB</b>	0.220
	52	15	1.1	0.6	23	28	19.4	9000	14000	<b>7304BDT</b>	0.300
	52	15	1.1	0.6	23	28	19.4	8000	12000	<b>7304BDB</b>	0.300
	52	15	1.1	0.6	23	28	19.4	8000	12000	<b>7304BDF</b>	0.300
25	52	15	1	0.6	24	25.1	20.2	9000	13000	<b>7205BDT</b>	0.260
	52	15	1	0.6	24	25.1	20.2	7500	11000	<b>7205BDB</b>	0.260
	52	15	1	0.6	24	25.1	20.2	7500	11000	<b>7205BDF</b>	0.260
	52	15	1	0.6	24	25.1	20.2	7500	11000	<b>7205BP6DB</b>	0.260
	52	15	1	0.6	24	25.1	20.2	9000	13000	<b>7205BP5DT</b>	0.260
	52	15	1	0.6	24	25.1	20.2	7500	11000	<b>7205BP5DB</b>	0.260
	52	15	1	0.6	24	33.5	30.3	7000	10000	<b>7205BP5TFT</b>	0.390
	62	17	1.1	0.6	27	39.5	29.2	7500	11000	<b>7305BDT</b>	0.500
	62	17	1.1	0.6	27	39.5	29.2	6700	9500	<b>7305BDB</b>	0.500
	62	17	1.1	0.6	27	39.5	29.2	6700	9500	<b>7305BDF</b>	0.500
30	62	17	1.1	0.6	27	39.5	29.2	6700	9500	<b>7305AMADF</b>	0.500
	62	16	1	0.6	27	33.2	27.2	7500	11000	<b>7206BDT</b>	0.420
	62	16	1	0.6	27	33.2	27.2	6700	9500	<b>7206BDB</b>	0.420
	62	16	1	0.6	27	33.2	27.2	6700	9500	<b>7206BDF</b>	0.420
	62	16	1	0.6	27	33.2	27.2	6700	9500	<b>7206BP6DB</b>	0.420
	62	16	1	0.6	27	33.2	27.2	6700	9500	<b>7206BP5DB</b>	0.420
	62	16	1	0.6	27	33.2	27.2	6700	9500	<b>7206BP5DF</b>	0.420
	62	16	1	0.6	27	44.3	40.8	6000	8500	<b>7206BP5TFT</b>	0.630
	62	16	1	0.6	27	33.2	27.2	7500	11000	<b>7206ATAP2DT</b>	0.420
	72	19	1.1	0.6	31	47.5	38	6700	9000	<b>7306BDT</b>	0.740
	72	19	1.1	0.6	31	47.5	38	6000	8000	<b>7306BDB</b>	0.740
	72	19	1.1	0.6	31	47.5	38	6000	8000	<b>7306BDF</b>	0.740
	72	19	1.1	0.6	31	63.3	57	5300	7000	<b>7306BTFT</b>	1.110
	72	19	1.1	0.6	31	77.4	76	5300	7000	<b>7306BQFC</b>	1.480
	72	19	1.1	0.6	31	47.5	38	6700	9000	<b>7306BP5DT</b>	0.740
	72	19	1.1	0.6	31	47.5	38	6700	9000	<b>7306AMADT</b>	0.740
35	72	19	1.1	0.6	31	47.5	38	6000	8000	<b>7306AMADF</b>	0.740
	72	17	1.1	0.6	31	46.2	39.6	6700	9000	<b>7207BDT</b>	0.600

Dimensions						Basic radial load		Speed limit		Designation	Weight
d	D	B	r <sub>s</sub> min.	r <sub>1s</sub> min.	a	dyn. C <sub>r</sub>	stat. C <sub>0r</sub>	grease min <sup>-1</sup>	oil min <sup>-1</sup>	-	Kg
mm	mm	mm	mm	mm	mm	KN	KN	min <sup>-1</sup>	min <sup>-1</sup>	-	Kg
	72	17	1.1	0.6	31	46.2	39.6	6000	8000	<b>7207BDB</b>	0.600
	72	17	1.1	0.6	31	46.2	39.6	6000	8000	<b>7207BDF</b>	0.600
	72	17	1.1	0.6	31	46.2	39.6	6700	9000	<b>7207BP5DT</b>	0.600
	72	17	1.1	0.6	31	46.2	39.6	6000	8000	<b>7207BP5DB</b>	0.600
	72	17	1.1	0.6	31	61.6	59.4	5300	7000	<b>7207BP5TBT</b>	0.900
	72	17	1.1	0.6	31	75.2	79.2	5300	7000	<b>7207BP5QFC</b>	1.200
	80	21	1.5	1	35	59.5	48.6	6300	8500	<b>7307BDT</b>	1.020
	80	21	1.5	1	35	59.5	48.6	5600	7500	<b>7307BDB</b>	1.020
	80	21	1.5	1	35	59.5	48.6	5600	7500	<b>7307BDF</b>	1.020
	80	21	1.5	1	35	59.5	48.6	5600	7500	<b>7307BP6DB</b>	1.020
40	80	18	1.1	0.6	34	52	46	6000	8000	<b>7208BDT</b>	0.780
	80	18	1.1	0.6	34	52	46	6030	8100	<b>7208BDB</b>	0.780
	80	18	1.1	0.6	34	52	46	5300	7000	<b>7208BDF</b>	0.780
	80	18	1.1	0.6	34	52	46	6000	8000	<b>7208BP5DT</b>	0.780
	80	18	1.1	0.6	34	52	46	5300	7000	<b>7208BP5DB</b>	0.780
	90	23	1.5	1	39	72.6	60.6	5600	7500	<b>7308BDT</b>	1.340
	90	23	1.5	1	39	72.6	60.6	5000	6700	<b>7308BDB</b>	1.340
	90	23	1.5	1	39	72.6	60.6	5000	6700	<b>7308BDF</b>	1.340
	90	23	1.5	1	39	96.8	91.8	4500	6000	<b>7308BTFT</b>	0.670
	90	23	1.5	1	39	118	121	4500	6000	<b>7308BQFC</b>	2.680
	90	23	1.5	1	39	72.6	60.6	5000	6700	<b>7308BP6DF</b>	1.340
	90	23	1.5	1	39	72.6	60.6	5000	6700	<b>7308BP5DB</b>	1.340
	90	23	1.5	1	39	96.8	91.8	4500	6000	<b>7308BP5TFT</b>	2.010
	90	23	1.5	1	39	118	121	4500	6000	<b>7308BP5QFC</b>	2.680
45	85	19	1.1	0.6	37	58.5	52.4	5600	7500	<b>7209BDT</b>	0.880
	85	19	1.1	0.6	37	58.5	52.4	5000	6700	<b>7209BDB</b>	0.880
	85	19	1.1	0.6	37	58.5	52.4	5000	6700	<b>7209BDF</b>	0.880
	85	19	1.1	0.6	37	58.5	52.4	5000	6700	<b>7209BP5DB</b>	0.880
	100	25	1.5	1	43	94.4	80.2	5000	6700	<b>7309BDT</b>	1.800
	100	25	1.5	1	43	94.4	80.2	4500	6000	<b>7309BDB</b>	1.800
	100	25	1.5	1	43	94.4	80.2	4480	6000	<b>7309BDF</b>	1.800
	100	25	1.5	1	43	94.4	80.2	4500	6000	<b>7309BP6DB</b>	1.800
	100	25	1.5	1	43	94.4	80.2	4500	6000	<b>7309BP6DF</b>	1.800
50	90	20	1.1	0.6	39	60.6	57.2	5000	6700	<b>7210BDT</b>	0.980
	90	20	1.1	0.6	39	60.6	57.2	4500	6000	<b>7210BDF</b>	0.980
	90	20	1.1	0.6	39	60.6	57.2	5000	6700	<b>7210BP5DT</b>	0.980
	90	20	1.1	0.6	39	60.6	57.2	4500	6000	<b>7210BP5DB</b>	0.980
	110	27	2	1	47	111	95.8	4500	6000	<b>7310BDT</b>	2.300
	110	27	2	1	47	111	95.8	4000	5300	<b>7310BDB</b>	2.300
	110	27	2	1	47	111	95.8	4000	5300	<b>7310BDF</b>	2.300
	110	27	2	1	47	205	144	3600	4800	<b>7310BP5TFT</b>	3.450
	110	27	2	1	47	273	192	3600	4800	<b>7310BP5QFC</b>	4.600
55	100	21	1.5	1	43	74.8	72.4	4800	6300	<b>7211BDT</b>	1.300
	100	21	1.5	1	43	74.8	72.4	4300	5600	<b>7211BDB</b>	1.300
	100	21	1.5	1	43	74.8	72.4	4300	5600	<b>7211BDF</b>	1.300
	120	29	2	1	51	128	113	4000	5300	<b>7311BDT</b>	2.900
	120	29	2	1	51	128	113	3600	4800	<b>7311BDB</b>	2.900
	120	29	2	1	52	128	113	3600	4800	<b>7311BDF</b>	2.900

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d	D	B	r <sub>s</sub> min.	r <sub>1s</sub> min.	a	dyn. C <sub>r</sub>	stat. C <sub>0r</sub>	grease	oil	-	Kg
mm	mm	mm	mm	mm	mm	KN	KN	min <sup>-1</sup>	min <sup>-1</sup>	-	Kg
60	110	22	1.5	1	47	91.2	89.4	4300	5600	<b>7212BDT</b>	1.680
	110	22	1.5	1	47	91.2	89.4	3800	5000	<b>7212BDB</b>	1.680
	110	22	1.5	1	47	91.2	89.4	3800	5000	<b>7212BDF</b>	1.680
	110	22	1.5	1	47	91.2	89.4	3800	5000	<b>7212BP5DB</b>	1.680
	130	31	2.1	1.1	55	146	131	3800	5000	<b>7312BDT</b>	3.700
	130	31	2.1	1.1	55	146	131	3400	4500	<b>7312BDB</b>	3.700
	130	31	2.1	1.1	55	146	131	3400	4500	<b>7312BDF</b>	3.700
	130	31	2.1	1.1	55	146	131	3400	4500	<b>7312BP5DB</b>	3.700
65	120	23	1.5	1	50	103	105	3800	5000	<b>7213BDT</b>	2.100
	120	23	1.5	1.1	50	103	105	3800	5000	<b>7213BDB</b>	2.100
	120	23	1.5	1.1	50	103	105	3800	5000	<b>7213BDF</b>	2.100
	120	23	1.5	1	50	103	105	3400	4500	<b>7213BP6DB</b>	2.100
	120	23	1.5	1	50	103	105	3400	4500	<b>7213BP6DF</b>	2.100
	140	33	2.1	1.1	60	164	151	3600	4800	<b>7313BDT</b>	4.500
	140	33	2.1	1.1	60	164	151	3200	4300	<b>7313BDB</b>	4.500
	140	33	2.1	1.1	60	164	151	3200	4300	<b>7313BDF</b>	4.500
70	125	24	1.5	1	53	112	116	3800	5000	<b>7214BDT</b>	2.300
	125	24	1.5	1	53	112	116	3400	4500	<b>7214BDB</b>	2.300
	125	24	1.5	1	53	112	172	3400	4500	<b>7214BDF</b>	2.300
	150	35	2.1	1.1	64	185	172	3400	4500	<b>7314BDT</b>	5.500
	150	35	2.1	1.1	64	185	172	3000	4000	<b>7314BDB</b>	5.500
	150	35	2.1	1.1	64	185	172	3000	4000	<b>7314BDF</b>	5.500
	150	35	2.1	1.1	64	185	172	3400	4500	<b>7314BP6DT</b>	5.500
	150	35	2.1	1.1	64	185	172	3400	4500	<b>7314BP5DT</b>	5.500
	150	35	2.1	1.1	64	185	172	3000	4000	<b>7314BP5DB</b>	5.500
75	130	25	1.5	1	56	121	126	3600	4300	<b>7215BDT</b>	2.600
	130	25	1.5	1	56	121	126	3200	4300	<b>7215BDB</b>	2.600
	130	25	1.5	1	56	121	126	3200	4300	<b>7215BDF</b>	2.600
	130	25	1.5	1	56	121	126	3200	4300	<b>7215BP6DB</b>	2.600
	130	25	1.5	1	56	121	126	3200	4300	<b>7215BMAP6DB</b>	2.600
	160	37	2.1	1.1	68	203	195	3200	4000	<b>7315BDT</b>	6.600
	160	37	2.1	1.1	68	203	195	2800	3600	<b>7315BDB</b>	6.600
	160	37	2.1	1.1	68	203	195	2800	3600	<b>7315BDF</b>	6.600
	160	37	2.1	1.1	68	203	195	2800	3600	<b>7315AMADF</b>	6.600
80	110	16	1	1	21	55.1	69.2	4000	5300	<b>71916CTAP4DT</b>	0.736
	140	26	2	1	59	130	139	3200	4300	<b>7216BDT</b>	3.100
	140	26	2	1	59	130	139	2800	3800	<b>7216BDB</b>	3.100
	140	26	2	1	59	130	139	2800	3800	<b>7216BDF</b>	3.100
	170	39	2.1	1.1	72	219	218	2800	3800	<b>7316BDT</b>	7.800
	170	39	2.1	1.1	72	219	218	2600	3400	<b>7316BDB</b>	7.800
	170	39	2.1	1.1	72	219	218	2600	3400	<b>7316BDF</b>	7.800
	170	39	2.1	1.1	72	292	327	2200	3000	<b>7316BTDT</b>	11.700
	170	39	2.1	1.1	72	219	218	2800	3800	<b>7316BP6DT</b>	7.800
	170	39	2.1	1.1	72	292	327	2200	3000	<b>7316BMAP6TBT</b>	11.700
85	150	28	2	1	64	151	162	3000	4000	<b>7217BDT</b>	3.900
	150	28	2	1	64	151	162	2800	3600	<b>7217BDB</b>	3.900
	150	28	2	1	64	151	162	2800	3600	<b>7217BDF</b>	3.900
	180	41	3	1.1	76	235	244	2800	3600	<b>7317BDT</b>	9.200

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d	D	B	r <sub>s</sub> min.	r <sub>1s</sub> min.	a	dyn. C <sub>r</sub>	stat. C <sub>0r</sub>	grease min <sup>-1</sup>	oil min <sup>-1</sup>	-	Kg
mm	mm	mm	mm	mm	mm	KN	KN	min <sup>-1</sup>	min <sup>-1</sup>	-	Kg
90	180	41	3	1.1	76	235	244	2400	3200	<b>7317BDB</b>	9.200
	180	41	3	1.1	76	235	244	2400	3200	<b>7317BDF</b>	9.200
	160	30	2	1	67	173	188	2800	3800	<b>7218BDT</b>	4.800
	160	30	2	1	67	173	188	2600	3400	<b>7218BDB</b>	4.800
	160	30	2	1	67	173	188	2600	3400	<b>7218BDF</b>	4.800
	190	43	3	1.1	80	253	270	2600	3400	<b>7318BDT</b>	10.800
	190	43	3	1.1	80	253	270	2200	3000	<b>7318BDB</b>	10.800
	190	43	3	1.1	80	253	270	2200	3000	<b>7318BDF</b>	10.800
95	190	43	3	1.1	80	337	405	2000	2600	<b>7318BTBT</b>	16.200
	170	32	2.1	1.1	72	188	202	2800	3600	<b>7219BDT</b>	5.800
	170	32	2.1	1.1	72	188	202	2400	3200	<b>7219BDB</b>	5.800
	170	32	2.1	1.1	72	188	202	2400	3200	<b>7219BDF</b>	5.800
	200	45	3	1.1	84	272	300	2400	3200	<b>7319BDT</b>	12.500
	200	45	3	1.1	84	272	300	2000	2800	<b>7319BDB</b>	12.500
100	200	45	3	1.1	84	272	300	2000	2800	<b>7319BDF</b>	12.500
	180	34	2.1	1.1	76	208	232	2600	3400	<b>7220BDT</b>	6.900
	180	34	2.1	1.1	76	208	232	2200	3000	<b>7220BDB</b>	6.900
	180	34	2.1	1.1	76	208	232	2200	3000	<b>7220BDF</b>	6.900
	180	34	2.1	1.1	76	208	232	2200	3000	<b>7220BMADB</b>	6.900
	180	34	2.1	1.1	76	208	232	2200	3000	<b>7220BMAP6DB</b>	6.900
	180	34	2.1	1.1	76	208	232	2600	2800	<b>7220BMAP4DT</b>	6.900
	215	47	3	1.1	90	308	356	2200	3000	<b>7320BDT</b>	15.500
	215	47	3	1.1	90	308	356	1900	2800	<b>7320BDB</b>	15.500
	215	47	3	1.1	90	308	356	1900	2800	<b>7320BDF</b>	15.500
	215	47	3	1.1	90	308	356	2200	3000	<b>7320BP6DT</b>	15.500
	215	47	3	1.1	90	308	356	2200	3000	<b>7320BMDT</b>	15.500
110	200	38	2.1	1.1	84	248	290	2200	3000	<b>7222BDT</b>	9.600
	200	38	2.1	1.1	84	248	290	1900	2800	<b>7222BDB</b>	9.600
	240	50	3	1.1	99	365	458	1800	2800	<b>7322BDT</b>	21.000
	240	50	3	1.1	99	365	458	1600	2400	<b>7322BDB</b>	21.000
	240	50	3	1.1	99	536	687	1400	2200	<b>7322BTBT</b>	31.500
	240	50	3	1.1	99	365	458	1800	2800	<b>7322BP5DT</b>	21.000
	240	50	3	1.1	99	365	458	1600	2400	<b>7322BMDF</b>	21.000
140	250	42	3	1.1	103	172	489	1400	1900	<b>7228BDT</b>	17.600
	300	62	4	1.5	123	470	668	1400	2200	<b>7328BDT</b>	43.200
	300	62	4	1.5	123	470	668	1200	1900	<b>7328BDB</b>	43.200
	300	62	4	1.5	123	470	668	1400	2200	<b>7328BMBP5DT</b>	43.200
150	270	45	3	1.1	111	156	444	2400	3800	<b>7230BDB</b>	23.200
	270	45	3	1.1	111	156	444	2400	3800	<b>7230BMDB</b>	23.200
	320	65	4	1.5	131	254	760	1400	1800	<b>7330BMDF</b>	53.000
	320	65	4	1.5	131	254	760	1400	1800	<b>7330BMP5DT</b>	53.000
160	220	28	2	1	58	176	1600	2400	<b>71932AMAP5DB</b>	6.520	
180	250	33	2	2	33	210	1500	2200	<b>71936AMDB</b>	10.800	
200	250	30	1.5	0.6	45	165	282	1400	2000	<b>72840CMAP4DB</b>	6.860
200	250	30	1.5	0.6	45	220	423	1300	1800	<b>72840CMAP4TBT</b>	10.200
	310	51	1.1	1.5	118	361	592	1300	1800	<b>7040A2MAP6DB</b>	29.000
	420	80	5	2	170	1023	1076	1200	2000	<b>7340BMAQBT</b>	249.000
220	300	38	2.1	1.1	128	260	420	1600	2200	<b>71944BFS1F2DB</b>	14.500

Dimensions						Basic radial load		Speed limit		Designation	Weight
d	D	B	r <sub>s</sub> min.	r <sub>1s</sub> min.	a	dyn. C <sub>r</sub>	stat. C <sub>0r</sub>	grease	oil		
mm	mm	mm	mm	mm	mm	KN	KN	min <sup>-1</sup>	min <sup>-1</sup>	-	Kg
240	360	56	3	1.5	137	410	700	1300	1800	<b>7048BMAP6W8DB</b>	40.000
	360	56	3	3	137	410	700	1300	1800	<b>7048BMAP5DF</b>	40.000
260	360	46	3.5	3.5	171	344	616	1100	1600	<b>71952BMP6DB</b>	27.960
	400	65	4	1.5	118	514	946	2000	3200	<b>7052A2MAP6W8DB</b>	59.500
280	380	46	2.1	2.1	180	358	654	880	1200	<b>71956BMP6DB</b>	29.700
320	400	48	2.1	2.1	72	377	701	880	1280	<b>72864CMBP5DB</b>	24.000
460	680	100	6	6	215	1135	2880	560	800	<b>7092A1MDB</b>	238.000
560	750	85	5	4	130	1216	3476	500	750	<b>719/560CMAP6DB</b>	213.000
600	730	60	3	3	222	825	2280	500	750	<b>718/600A1MBDB</b>	104.000
	800	90	5	2	139	1216	3594	560	680	<b>719/600CMAP6DB</b>	257.000
670	820	69	4	4	134	1000	2932	560	670	<b>718/670CMAP6DB</b>	155.000