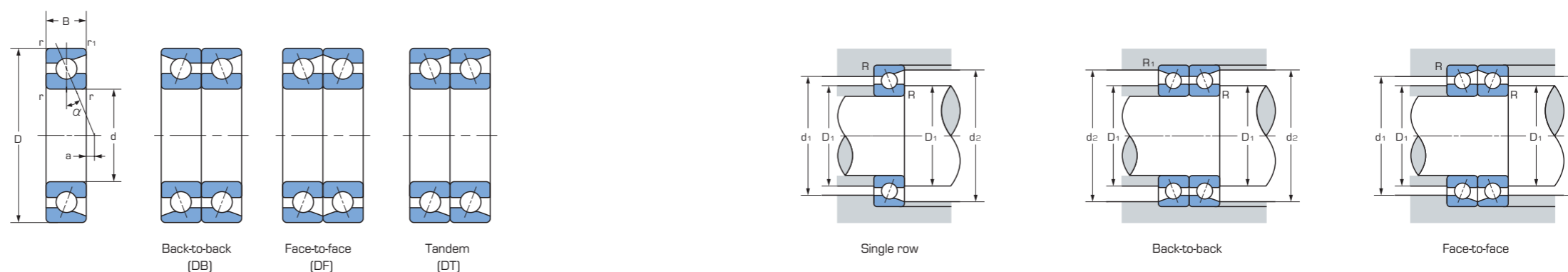


# Angular Contact Ball Bearings

7200C Series  
7200AC Series

Contact angle  $\alpha=15^\circ$   
Contact angle  $\alpha=25^\circ$



Bearing No.	Boundary dimensions (mm)					Load center a (mm)	Basic dynamic load rating Cr (kN)	Basic static load rating Cor (kN)		Limiting speed (min <sup>-1</sup> )		Corner radius (mm)					Mass (kg) (Reference)	Bearing No.
	d	D	B	r <sub>min</sub>	r <sub>1 min</sub>					Grease lubrication	Oil lubrication	D <sub>1 min</sub>	d <sub>1 max</sub>	d <sub>2 max</sub>	R <sub>max</sub>	R <sub>1 max</sub>		
7200C	10	30	9	0.6	0.3	-2.2	6.95	3.30		58,500	80,000	15	25	27.4	0.6	0.3	0.034	7200C
7200AC	10	30	9	0.6	0.3	0.2	6.75	3.20		51,000	68,000	15	25	27.4	0.6	0.3	0.034	7200AC
7201C	12	32	10	0.6	0.3	-2.5	7.95	3.90		53,000	72,500	17	27	29.4	0.6	0.3	0.040	7201C
7201AC	12	32	10	0.6	0.3	0.2	7.65	3.75		46,000	62,000	17	27	29.4	0.6	0.3	0.040	7201AC
7202C	15	35	11	0.6	0.3	-2.6	8.70	4.55		46,500	64,000	20	30	32.4	0.6	0.3	0.048	7202C
7202AC	15	35	11	0.6	0.3	0.4	8.35	4.40		40,500	54,500	20	30	32.4	0.6	0.3	0.048	7202AC
7203C	17	40	12	0.6	0.3	-2.7	10.9	5.90		41,000	56,000	22	35	37.4	0.6	0.3	0.070	7203C
7203AC	17	40	12	0.6	0.3	0.8	10.5	5.65		35,500	47,500	22	35	37.4	0.6	0.3	0.070	7203AC
7204C	20	47	14	1	0.6	-3.1	14.7	8.15		34,500	47,500	26	41	43.4	1	0.6	0.110	7204C
7204AC	20	47	14	1	0.6	0.9	14.0	7.80		30,500	40,500	26	41	43.4	1	0.6	0.110	7204AC
7205C	25	52	15	1	0.6	-3.1	16.7	10.3		30,000	41,500	31	46	48.4	1	0.6	0.135	7205C
7205AC	25	52	15	1	0.6	1.6	15.9	9.80		26,400	35,500	31	46	48.4	1	0.6	0.135	7205AC
7206C	30	62	16	1	0.6	-2.7	23.2	14.9		25,200	34,500	36	56	58.4	1	0.6	0.210	7206C
7206AC	30	62	16	1	0.6	2.8	22.0	14.1		22,000	29,600	36	56	58.4	1	0.6	0.210	7206AC
7207C	35	72	17	1.1	0.6	-2.3	30.5	20.1		21,800	29,900	42	65	67	1	0.6	0.295	7207C
7207AC	35	72	17	1.1	0.6	4	29.1	19.1		19,000	25,400	42	65	67	1	0.6	0.295	7207AC
7208C	40	80	18	1.1	0.6	-2.1	36.5	25.4		19,500	26,700	47	73	75	1	0.6	0.380	7208C
7208AC	40	80	18	1.1	0.6	5	34.5	24.1		16,900	22,700	47	73	75	1	0.6	0.380	7208AC
7209C	45	85	19	1.1	0.6	-2.0	41.0	29.0		18,000	24,600	52	78	80	1	0.6	0.430	7209C
7209AC	45	85	19	1.1	0.6	5.7	39.0	27.5		15,600	20,900	52	78	80	1	0.6	0.430	7209AC
7210C	50	90	20	1.1	0.6	-1.9	43.0	32.0		16,700	22,900	57	83	85	1	0.6	0.485	7210C
7210AC	50	90	20	1.1	0.6	6.3	41.0	30.5		14,500	19,400	57	83	85	1	0.6	0.485	7210AC
7211C	55	100	21	1.5	1	-1.6	53.0	40.0		15,000	20,600	64	91	94.6	1.5	1	0.635	7211C
7211AC	55	100	21	1.5	1	7.6	50.5	38.0		13,100	17,500	64	91	94.6	1.5	1	0.635	7211AC
7212C	60	110	22	1.5	1	-1.2	64.5	49.5		13,700	18,800	69	101	104.6	1.5	1	0.820	7212C
7212AC	60	110	22	1.5	1	8.8	58.0	43.5		12,000	16,000	69	101	104.6	1.5	1	0.820	7212AC
7213C	65	120	23	1.5	1	-0.8	73.5	59.0		12,600	17,300	74	111	114.6	1.5	1	1.02	7213C
7213AC	65	120	23	1.5	1	10.1	66.5	52.0		11,000	14,700	74	111	114.6	1.5	1	1.02	7213AC
7214C	70	125	24	1.5	1	-0.7	80.0	65.0		12,000	16,400	79	116	119.6	1.5	0.8	1.12	7214C
7214AC	70	125	24	1.5	1	10.7	72.5	57.5		10,400	13,900	79	116	119.6	1.5	0.8	1.12	7214AC
7215C	75	130	25	1.5	1	-0.7	83.5	70.0		11,400	15,600	84	121	124.6	1.5	1	1.23	7215C
7215AC	75	130	25	1.5	1	11.4	75.5	62.5		9,900	13,300	84	121	124.6	1.5	1	1.23	7215AC
7216C	80	140	26	2	1	-0.3	93.5	78.0		10,600	14,500	90	130	134	2	1	1.50	7216C
7216AC	80	140	26	2	1	12.7	88.5	74.0		9,200	12,400	90	130	134	2	1	1.50	7216AC
7217C	85	150	28	2	1	-0.4	100	85.0		9,900	13,600	95	140	144	2	1	1.87	7217C
7217AC	85	150	28	2	1	13.4	95.0	81.0		8,600	11,600	95	140	144	2	1	1.87	7217AC
7218C	90	160	30	2	1	-0.6	124	105		9,300	12,800	100	150	154	2	1	2.30	7218C
7218AC	90	160	30	2	1	14.2	112	93.0		8,100	10,900	100	150	154	2	1	2.30	7218AC
7219C	95	170	32	2.1	1.1	-0.7	133	115		8,800	12,100	107	158	163	2	1	2.78	7219C
7219AC	95	170	32	2.1	1.1	14.9	126	107		7,700	10,300	107	158	163	2	1	2.78	7219AC
7220C	100	180	34	2.1	1.1	-0.8	150	128		8,300	11,400	112	168	173	2	1	3.32	7220C
7220AC	100	180	34	2.1	1.1	15.7	142	121		7,200	9,700	112	168	173	2	1	3.32	7220AC