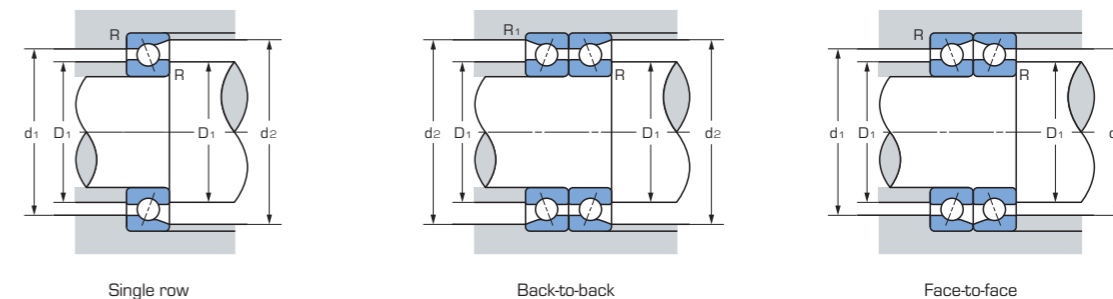
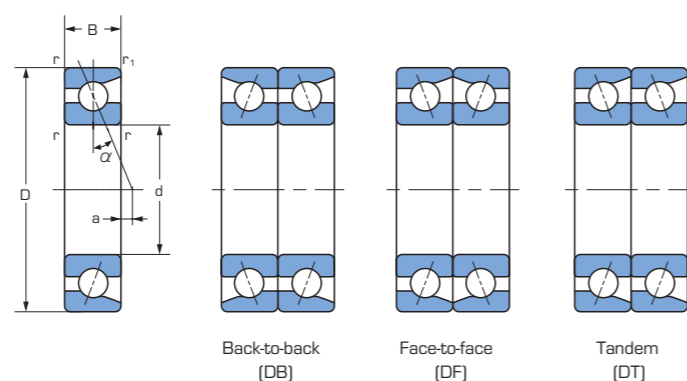


Angular Contact Ball Bearings

7900C Series
7900AC 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 ⁻¹)		Corner radius (mm)					Mass (kg) (Reference)	Bearing No.
	d	D	B	r _{min}	r _{1 min}				Grease lubrication	Oil lubrication	D _{1 min}	d _{1 max}	d _{2 max}	R _{max}	R _{1 max}		
7900C	10	22	6	0.3	0.15	-0.9	3.00	1.52	73,000	100,000	12.5	19.5	20.8	0.3	0.15	0.008	7900C
7900AC	10	22	6	0.3	0.15	0.7	2.88	1.45	63,500	85,000	12.5	19.5	20.8	0.3	0.15	0.008	7900AC
7901C	12	24	6	0.3	0.15	-0.6	3.20	1.72	64,800	88,800	14.5	21.5	22.8	0.3	0.15	0.010	7901C
7901AC	12	24	6	0.3	0.15	1.2	3.05	1.63	56,400	75,500	14.5	21.5	22.8	0.3	0.15	0.010	7901AC
7902C	15	28	7	0.3	0.15	-0.6	4.75	2.64	54,300	74,400	17.5	25.5	26.8	0.3	0.15	0.015	7902C
7902AC	15	28	7	0.3	0.15	1.5	4.55	2.53	47,200	63,200	17.5	25.5	26.8	0.3	0.15	0.015	7902AC
7903C	17	30	7	0.3	0.15	-0.3	5.00	2.95	49,700	68,000	19.5	27.5	28.8	0.3	0.15	0.016	7903C
7903AC	17	30	7	0.3	0.15	2.1	4.75	2.82	43,200	57,800	19.5	27.5	28.8	0.3	0.15	0.016	7903AC
7904C	20	37	9	0.3	0.15	-0.7	7.30	4.55	41,000	56,100	22.5	34.5	35.8	0.3	0.15	0.035	7904C
7904AC	20	37	9	0.3	0.15	2.1	6.95	4.35	35,600	47,700	22.5	34.5	35.8	0.3	0.15	0.035	7904AC
7905C	25	42	9	0.3	0.15	0.1	7.80	5.45	34,800	47,700	27.5	39.5	40.8	0.3	0.15	0.041	7905C
7905AC	25	42	9	0.3	0.15	3.5	7.40	5.15	30,300	40,600	27.5	39.5	40.8	0.3	0.15	0.041	7905AC
7906C	30	47	9	0.3	0.15	0.7	8.30	6.25	30,300	41,500	32.5	44.5	45.8	0.3	0.15	0.046	7906C
7906AC	30	47	9	0.3	0.15	4.5	7.85	5.95	26,300	35,300	32.5	44.5	45.8	0.3	0.15	0.046	7906AC
7907C	35	55	10	0.6	0.3	1.0	12.5	9.65	25,900	35,500	39.5	50.5	52.5	0.6	0.3	0.074	7907C
7907AC	35	55	10	0.6	0.3	5.5	11.9	9.20	22,500	30,200	39.5	50.5	52.5	0.6	0.3	0.074	7907AC
7908C	40	62	12	0.6	0.3	0.8	15.7	12.4	22,900	31,300	44.5	57.5	59.5	0.6	0.3	0.107	7908C
7908AC	40	62	12	0.6	0.3	5.9	14.9	11.8	19,900	26,600	44.5	57.5	59.5	0.6	0.3	0.107	7908AC
7909C	45	68	12	0.6	0.3	1.6	16.6	14.1	20,600	28,300	49.5	63.5	65.5	0.6	0.3	0.127	7909C
7909AC	45	68	12	0.6	0.3	7.2	15.7	13.3	18,000	24,000	49.5	63.5	65.5	0.6	0.3	0.127	7909AC
7910C	50	72	12	0.6	0.3	2.2	17.7	15.5	19,100	26,200	54.5	67.5	69.5	0.6	0.3	0.128	7910C
7910AC	50	72	12	0.6	0.3	8.2	16.4	14.9	16,600	22,300	54.5	67.5	69.5	0.6	0.3	0.128	7910AC