



YUANHE

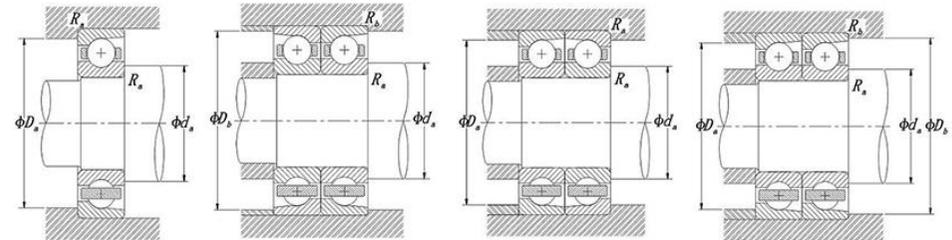
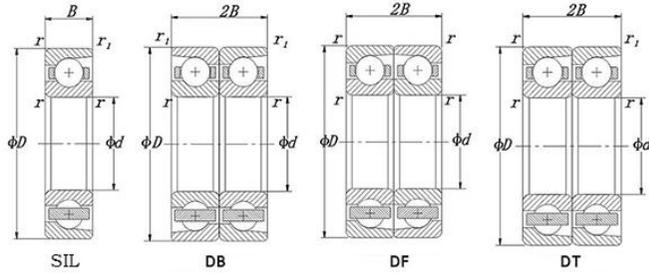
Angular Contact Bearing



Yuanhe Transmission (Zhenjiang) Co., Ltd.



Angular Contact Bearing

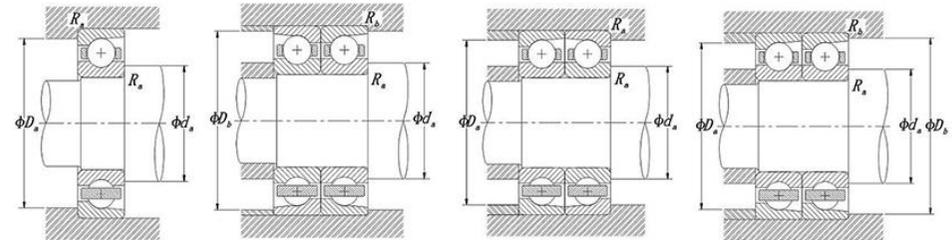
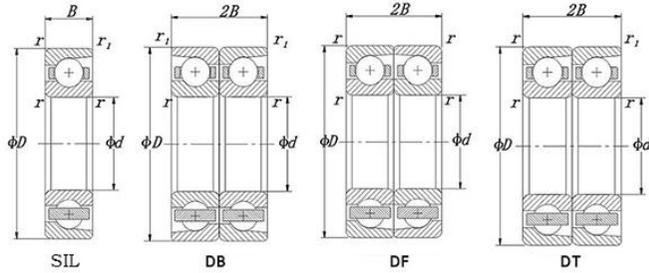


7000 C $\alpha = 15^\circ$
 7000 AC $\alpha = 25^\circ$
 7000 B $\alpha = 40^\circ$

d 10~17 mm

d	Main Dimensions (mm)					Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Basic Rated Load (C) (kN)		Limit Speed (C) (r/min)		Nominal Model			Installation related dimensions (mm)						Reference Quality (SIL) (kg)	
	D	B	2B	r ₁ (Min)	r ₂ (Min)	C _r	C _{0r}	Grease	Oil		C _r	C _{0r}	Grease	Oil	Back to back	F2F	Juxtapose	d _s (Min)	d _b (Min)	D _s (Max)	D _b (Max)	R _s (Max)	R _b (Max)		
10	26	8	16	0.30	0.15	5.32	2.49	41,000	58,000	7000C	8.62	4.98	34,800	46,400	7000CDB	7000CDF	7000CDT	12.5	12.5	23.5	24.5	0.3	0.15	0.023	
	26	8	16	0.30	0.15	5.14	2.41	36,000	50,000	7000AC	8.33	4.82	30,000	40,000	7000ACDB	7000ACDF	7000ACDT	12.5	12.5	23.5	24.5	0.3	0.15	0.023	
	30	9	18	0.60	0.30	6.42	2.94	39,000	54,000	7200C	10.40	5.88	32,400	43,200	7200CDB	7200CDF	7200CDT	15.0	12.5	25.0	27.5	0.6	0.3	0.029	
	30	9	18	0.60	0.30	6.22	2.85	33,000	46,000	7200AC	10.08	5.70	27,600	36,800	7200ACDB	7200ACDF	7200ACDT	15.0	12.5	25.0	27.5	0.6	0.3	0.029	
	30	9	18	0.60	0.30	4.98	2.49	22,000	30,000	7200B	8.07	4.98	18,000	24,000	7200BDB	7200BDF	7200BDT	15.0	12.5	25.0	27.5	0.6	0.3	0.029	
	35	11	22	0.60	0.30	9.71	4.52	34,000	47,000	7300C	15.73	9.04	28,200	37,600	7300CDB	7300CDF	7300CDT	15.0	12.5	30.0	32.5	0.6	0.3	0.039	
	35	11	22	0.60	0.30	9.48	4.39	27,000	37,000	7300AC	15.36	8.78	22,200	29,600	7300ACDB	7300ACDF	7300ACDT	15.0	12.5	30.0	32.5	0.6	0.3	0.040	
	35	11	22	0.60	0.30	8.75	4.05	22,000	29,000	7300B	14.18	8.10	17,400	23,200	7300BDB	7300BDF	7300BDT	15.0	12.5	30.0	32.5	0.6	0.3	0.041	
	12	28	8	16	0.30	0.15	5.80	2.90	37,000	52,500	7001C	9.40	5.80	31,500	42,000	7001CDB	7001CDF	7001CDT	14.5	14.5	25.5	26.5	0.3	0.15	0.025
		28	8	16	0.30	0.15	5.58	2.79	32,000	45,000	7001AC	9.04	5.58	27,000	36,000	7001ACDB	7001ACDF	7001ACDT	14.5	14.5	25.5	26.5	0.3	0.15	0.025
32		10	20	0.60	0.30	7.92	3.84	35,000	49,000	7201C	12.83	7.68	29,400	39,200	7201CDB	7201CDF	7201CDT	17.0	14.5	27.0	29.5	0.6	0.3	0.034	
32		10	20	0.60	0.30	7.66	3.73	30,000	42,000	7201AC	12.41	7.46	25,200	33,600	7201ACDB	7201ACDF	7201ACDT	17.0	14.5	27.0	29.5	0.6	0.3	0.035	
32		10	20	0.60	0.30	7.43	4.31	20,000	27,000	7201B	12.04	8.62	16,200	21,600	7201BDB	7201BDF	7201BDT	17.0	14.5	27.0	29.5	0.6	0.3	0.036	
37		12	24	1.00	0.60	9.97	4.75	31,000	43,000	7301C	16.15	9.50	25,800	34,400	7301CDB	7301CDF	7301CDT	18.0	15.5	31.0	33.5	1.0	0.5	0.043	
37		12	24	1.00	0.60	9.69	4.59	25,000	34,000	7301AC	15.70	9.18	20,400	27,200	7301ACDB	7301ACDF	7301ACDT	18.0	15.5	31.0	33.5	1.0	0.5	0.044	
37		12	24	1.00	0.60	8.84	4.19	19,000	26,000	7301B	14.32	8.38	15,600	20,800	7301BDB	7301BDF	7301BDT	18.0	15.5	31.0	33.5	1.0	0.5	0.045	
15		32	9	18	0.30	0.15	6.24	3.39	32,000	45,000	7002C	10.11	6.78	27,000	36,000	7002CDB	7002CDF	7002CDT	17.5	17.5	29.5	30.5	0.3	0.15	0.035
		32	9	18	0.30	0.15	5.97	3.24	27,000	38,000	7002AC	9.67	6.48	22,800	30,400	7002ACDB	7002ACDF	7002ACDT	17.5	17.5	29.5	30.5	0.3	0.15	0.035
	35	11	22	0.60	0.30	7.70	4.06	31,000	43,000	7202C	12.47	8.12	25,800	34,400	7202CDB	7202CDF	7202CDT	20.0	17.5	30.0	32.5	0.6	0.3	0.045	
	35	11	22	0.60	0.30	7.39	3.90	26,000	37,000	7202AC	11.97	7.80	22,200	29,600	7202ACDB	7202ACDF	7202ACDT	20.0	17.5	30.0	32.5	0.6	0.3	0.046	
	35	11	22	0.60	0.30	7.93	4.31	17,000	24,000	7202B	12.85	8.62	14,400	19,200	7202BDB	7202BDF	7202BDT	20.0	17.5	30.0	32.5	0.6	0.3	0.047	
	42	13	26	1.00	0.60	13.20	6.75	27,000	37,000	7302C	21.38	13.50	22,200	29,600	7302CDB	7302CDF	7302CDT	21.0	18.5	36.0	38.5	1.0	0.5	0.055	
	42	13	26	1.00	0.60	12.80	6.54	21,000	29,000	7302AC	20.74	13.08	17,400	23,200	7302ACDB	7302ACDF	7302ACDT	21.0	18.5	36.0	38.5	1.0	0.5	0.056	
	42	13	26	1.00	0.60	12.45	6.58	17,000	22,000	7302B	20.17	13.16	13,200	17,600	7302BDB	7302BDF	7302BDT	21.0	18.5	36.0	38.5	1.0	0.5	0.057	
	17	35	10	20	0.30	0.15	6.61	3.81	28,000	40,000	7003C	10.71	7.62	24,000	32,000	7003CDB	7003CDF	7003CDT	19.5	19.5	32.5	33.5	0.3	0.15	0.045
		35	10	20	0.30	0.15	6.30	3.65	25,000	35,000	7003AC	10.21	7.30	21,000	28,000	7003ACDB	7003ACDF	7003ACDT	19.5	19.5	32.5	33.5	0.3	0.15	0.046
40		12	24	0.60	0.30	10.90	5.82	27,000	38,000	7203C	17.66	11.64	22,800	30,400	7203CDB	7203CDF	7203CDT	22.0	19.5	35.0	37.5	0.6	0.3	0.062	
40		12	24	0.60	0.30	10.50	5.61	23,000	32,000	7203AC	17.01	11.22	19,200	25,600	7203ACDB	7203ACDF	7203ACDT	22.0	19.5	35.0	37.5	0.6	0.3	0.064	

Angular Contact Bearing

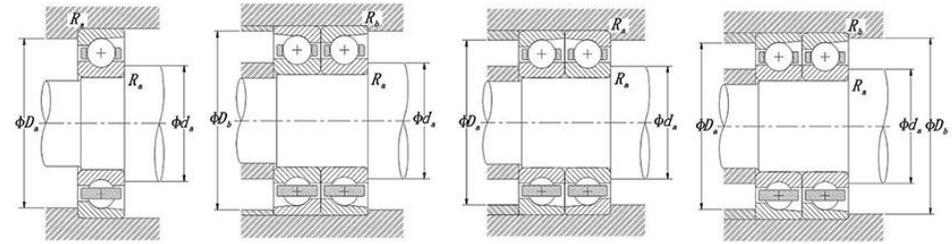
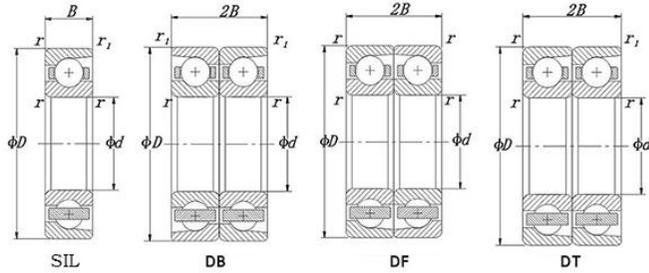


7000 C $\alpha = 15^\circ$
 7000 AC $\alpha = 25^\circ$
 7000 B $\alpha = 40^\circ$

d 17~30 mm

Main Dimensions (mm)						Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Basic Rated Load (C) (kN)		Limit Speed (C) (r/min)		Nominal Model			Installation related dimensions (mm)						Reference Quality (SIL) (kg)	
d	D	B	2B	$r_{(Min)}$	$r_{(Max)}$	C_r	C_o	Grease	Oil		C_r	C_o	Grease	Oil	Back to back	F2F	Juxtapose	d_s (Min)	d_s (Max)	D_s (Min)	D_s (Max)	R_s (Min)	R_s (Max)		
17	40	12	24	0.60	0.30	9.93	5.54	15,000	21,000	7203B	16.09	11.08	12,600	16,800	7203BDB	7203BDF	7203BDT	22.0	19.5	35.0	37.5	0.6	0.3	0.066	
	47	14	28	1.00	0.60	15.70	8.24	24,000	33,000	7303C	25.43	16.48	19,800	26,400	7303CDB	7303CDF	7303CDT	23.0	20.5	41.0	43.5	1.0	0.5	0.105	
	47	14	28	1.00	0.60	15.20	7.99	19,000	27,000	7303AC	24.62	15.98	16,200	21,600	7303ACDB	7303ACDF	7303ACDT	23.0	20.5	41.0	43.5	1.0	0.5	0.107	
	47	14	28	1.00	0.60	14.80	8.02	15,000	20,000	7303B	23.98	16.04	12,000	16,000	7303BDB	7303BDF	7303BDT	23.0	20.5	41.0	43.5	1.0	0.5	0.109	
20	42	12	24	0.60	0.30	11.10	6.56	24,000	34,000	7004C	17.98	13.12	20,400	27,200	7004CDB	7004CDF	7004CDT	25.0	25.0	37.0	39.5	0.6	0.3	0.079	
	42	12	24	0.60	0.30	10.60	6.27	21,000	29,000	7004AC	17.17	12.54	17,400	23,200	7004ACDB	7004ACDF	7004ACDT	25.0	25.0	37.0	39.5	0.6	0.3	0.080	
	47	14	28	1.00	0.60	14.50	8.05	23,000	32,000	7204C	23.49	16.10	19,200	25,600	7204CDB	7204CDF	7204CDT	26.0	23.5	41.0	43.5	1.0	0.5	0.098	
	47	14	28	1.00	0.60	14.00	7.77	20,000	27,000	7204AC	22.68	15.54	16,200	21,600	7204ACDB	7204ACDF	7204ACDT	26.0	23.5	41.0	43.5	1.0	0.5	0.100	
	47	14	28	1.00	0.60	13.30	7.63	13,000	18,000	7204B	21.55	15.26	10,800	14,400	7204BDB	7204BDF	7204BDT	26.0	23.5	41.0	43.5	1.0	0.5	0.102	
	52	15	30	1.10	0.60	18.50	9.96	21,000	29,000	7304C	29.97	19.92	17,400	23,200	7304CDB	7304CDF	7304CDT	27.0	25.0	45.0	47.0	1.0	0.6	0.136	
	52	15	30	1.10	0.60	17.90	9.62	17,000	24,000	7304AC	29.00	19.24	14,400	19,200	7304ACDB	7304ACDF	7304ACDT	27.0	25.0	45.0	47.0	1.0	0.6	0.138	
	52	15	30	1.10	0.60	17.30	9.67	13,000	18,000	7304C	28.03	19.34	10,800	14,400	7304CDB	7304CDF	7304CDT	27.0	25.0	45.0	47.0	1.0	0.6	0.140	
25	47	12	24	0.60	0.30	11.70	7.44	21,000	29,000	7005C	18.95	14.88	17,400	23,200	7005CDB	7005CDF	7005CDT	30.0	30.0	42.0	44.5	0.6	0.3	0.091	
	47	12	24	0.60	0.30	11.10	7.08	18,000	25,000	7005AC	17.98	14.16	15,000	20,000	7005ACDB	7005ACDF	7005ACDT	30.0	30.0	42.0	44.5	0.6	0.3	0.093	
	52	15	30	1.00	0.60	16.60	10.20	20,000	28,000	7205C	26.89	20.40	16,800	22,400	7205CDB	7205CDF	7205CDT	31.0	28.5	46.0	48.5	1.0	0.5	0.122	
	52	15	30	1.00	0.60	15.90	9.77	17,000	24,000	7205AC	25.76	19.54	14,400	19,200	7205ACDB	7205ACDF	7205ACDT	31.0	28.5	46.0	48.5	1.0	0.5	0.125	
	52	15	30	1.00	0.60	14.80	9.39	11,000	16,000	7205B	23.98	18.78	9,600	12,800	7205BDB	7205BDF	7205BDT	31.0	28.5	46.0	48.5	1.0	0.5	0.129	
	62	17	34	1.10	0.60	26.00	14.50	18,000	24,000	7305C	42.12	29.00	14,400	19,200	7305CDB	7305CDF	7305CDT	32.0	30.0	55.0	57.0	1.0	0.6	0.227	
	62	17	34	1.10	0.60	25.20	14.10	14,000	20,000	7305AC	40.82	28.20	12,000	16,000	7305ACDB	7305ACDF	7305ACDT	32.0	30.0	55.0	57.0	1.0	0.6	0.230	
	62	17	34	1.10	0.60	24.40	14.10	11,000	15,000	7305C	39.53	28.20	9,000	12,000	7305CDB	7305CDF	7305CDT	32.0	30.0	55.0	57.0	1.0	0.6	0.234	
	30	55	13	26	1.00	0.60	15.10	10.25	17,500	25,000	7006C	24.46	20.50	15,000	20,000	7006CDB	7006CDF	7006CDT	36.0	36.0	49.0	51.5	1.0	0.5	0.133
		55	13	26	1.00	0.60	14.40	9.80	15,000	21,000	7006AC	23.33	19.60	12,600	16,800	7006ACDB	7006ACDF	7006ACDT	36.0	36.0	49.0	51.5	1.0	0.5	0.135
62		16	32	1.00	0.60	23.00	14.70	17,000	23,000	7206C	37.26	29.40	13,800	18,400	7206CDB	7206CDF	7206CDT	36.0	33.5	56.0	58.5	1.0	0.5	0.190	
62		16	32	1.00	0.60	22.10	14.10	14,000	20,000	7206AC	35.80	28.20	12,000	16,000	7206ACDB	7206ACDF	7206ACDT	36.0	33.5	56.0	58.5	1.0	0.5	0.193	
62		16	32	1.00	0.60	20.50	13.50	9,400	13,000	7206B	33.21	27.00	7,800	10,400	7206BDB	7206BDF	7206BDT	36.0	33.5	56.0	58.5	1.0	0.5	0.197	
72		19	38	1.10	0.60	32.20	20.10	15,000	21,000	7306C	52.16	40.20	12,600	16,800	7306CDB	7306CDF	7306CDT	37.0	35.0	65.0	67.0	1.0	0.6	0.339	
72		19	38	1.10	0.60	31.00	19.30	12,000	17,000	7306AC	50.22	38.60	10,200	13,600	7306ACDB	7306ACDF	7306ACDT	37.0	35.0	65.0	67.0	1.0	0.6	0.345	
72		19	38	1.10	0.60	31.10	19.30	9,600	13,000	7306C	50.38	38.60	7,800	10,400	7306CDB	7306CDF	7306CDT	37.0	35.0	65.0	67.0	1.0	0.6	0.352	

Angular Contact Bearing

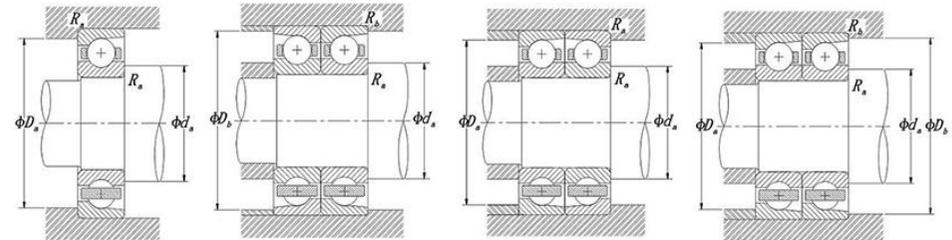
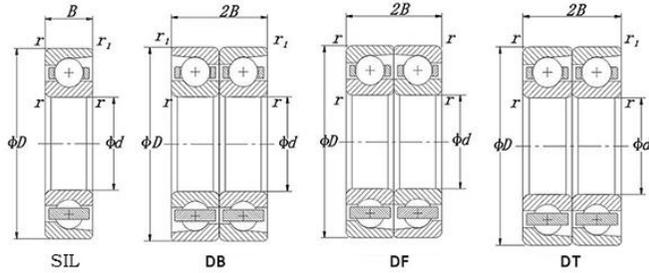


7000 C $\alpha=15^\circ$
 7000 AC $\alpha=25^\circ$
 7000 B $\alpha=40^\circ$

d 35~50 mm

Main Dimensions (mm)						Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Basic Rated Load (C) (kN)		Limit Speed (C) (r/min)		Nominal Model						Installation related dimensions (mm)						Reference Quality (SIL) (kg)	
d	D	B	2B	r (Min)	r _i (Min)	C _r	C _{0r}	Grease	Oil		C _r	C _{0r}	Grease	Oil	Back to back	F2F	Juxtapose	d _s (Min)	d _b (Min)	D _s (Max)	D _i (Max)	R _s (Max)	R _e (Max)	d _s	d _b	D _s		D _i
35	62	14	28	1.00	0.60	19.10	13.70	15,000	22,000	7007C	30.94	27.40	13,000	18,000	7007CDB	7007CDF	7007CDT	41.0	41.0	56.0	58.5	1.0	0.5	0.160				
	62	14	28	1.00	0.60	18.20	13.10	13,000	19,000	7007AC	29.48	26.20	11,000	15,000	7007ACDB	7007ACDF	7007ACDT	41.0	41.0	56.0	58.5	1.0	0.5	0.180				
	72	17	34	1.10	0.60	30.40	20.00	15,000	20,000	7207C	49.25	40.00	12,000	16,000	7207CDB	7207CDF	7207CDT	42.0	40.0	65.0	67.0	1.0	0.6	0.275				
	72	17	34	1.10	0.60	29.10	19.10	12,000	17,000	7207AC	47.14	38.20	10,000	14,000	7207ACDB	7207ACDF	7207ACDT	42.0	40.0	65.0	67.0	1.0	0.6	0.281				
	72	17	34	1.10	0.60	27.10	18.40	8,100	11,000	7207B	43.90	36.80	6,600	8,800	7207BDB	7207BDF	7207BDT	42.0	40.0	65.0	67.0	1.0	0.6	0.287				
	80	21	42	1.50	1.00	38.50	25.50	13,000	18,000	7307C	62.37	51.00	11,000	14,000	7307CDB	7307CDF	7307CDT	43.5	40.5	71.5	74.5	1.5	0.8	0.455				
	80	21	42	1.50	1.00	37.00	24.50	11,000	15,000	7307AC	59.94	49.00	9,000	12,000	7307ACDB	7307ACDF	7307ACDT	43.5	40.5	71.5	74.5	1.5	0.8	0.462				
	80	21	42	1.50	1.00	38.40	24.40	8,400	11,000	7307B	62.21	48.80	6,600	8,800	7307BDB	7307BDF	7307BDT	43.5	40.5	71.5	74.5	1.5	0.8	0.469				
	40	68	15	30	1.00	0.60	20.60	15.90	14,000	19,000	7008C	33.37	31.80	11,000	15,000	7008CDB	7008CDF	7008CDT	46.0	46.0	62.0	64.5	1.0	0.5	0.219			
		68	15	30	1.00	0.60	19.50	15.10	12,000	17,000	7008AC	31.59	30.20	10,000	14,000	7008ACDB	7008ACDF	7008ACDT	46.0	46.0	62.0	64.5	1.0	0.5	0.222			
80		18	36	1.10	0.60	35.20	25.80	13,000	18,000	7208C	57.02	51.60	11,000	14,000	7208CDB	7208CDF	7208CDT	47.0	45.0	73.0	75.0	1.0	0.6	0.340				
80		18	36	1.10	0.60	33.60	24.70	11,000	15,000	7208AC	54.43	49.40	9,000	12,000	7208ACDB	7208ACDF	7208ACDT	47.0	45.0	73.0	75.0	1.0	0.6	0.355				
80		18	36	1.10	0.60	32.10	23.00	8,300	11,000	7208B	52.00	46.00	6,600	8,800	7208BDB	7208BDF	7208BDT	47.0	45.0	73.0	75.0	1.0	0.6	0.375				
90		23	46	1.50	1.00	40.70	27.10	12,000	16,000	7308C	65.93	54.20	9,750	13,000	7308CDB	7308CDF	7308CDT	48.5	45.5	81.5	84.5	1.5	0.8	0.610				
90		23	46	1.50	1.00	39.00	25.80	9,500	13,000	7308AC	63.18	51.60	7,500	10,000	7308ACDB	7308ACDF	7308ACDT	48.5	45.5	81.5	84.5	1.5	0.8	0.625				
90		23	46	1.50	1.00	44.80	30.20	7,400	9,900	7308B	72.58	60.40	5,900	7,900	7308BDB	7308BDF	7308BDT	48.5	45.5	81.5	84.5	1.5	0.8	0.636				
45		75	16	32	1.00	0.60	24.40	19.30	12,000	17,500	7009C	39.53	38.60	10,500	14,000	7009CDB	7009CDF	7009CDT	51.0	51.0	69.0	71.5	1.0	0.5	0.270			
		75	16	32	1.00	0.60	23.10	18.30	11,000	15,000	7009AC	37.42	36.60	9,000	12,000	7009ACDB	7009ACDF	7009ACDT	51.0	51.0	69.0	71.5	1.0	0.5	0.282			
	85	19	38	1.10	0.60	38.10	27.80	12,000	17,000	7209C	61.72	55.60	10,000	14,000	7209CDB	7209CDF	7209CDT	52.0	50.0	78.0	80.0	1.0	0.6	0.395				
	85	19	38	1.10	0.60	36.40	26.60	10,000	14,000	7209AC	58.97	53.20	8,200	11,000	7209ACDB	7209ACDF	7209ACDT	52.0	50.0	78.0	80.0	1.0	0.6	0.404				
	85	19	38	1.10	0.60	36.00	26.30	7,400	9,900	7209B	58.32	52.60	5,900	7,900	7209BDB	7209BDF	7209BDT	52.0	50.0	78.0	80.0	1.0	0.6	0.410				
	100	25	50	1.50	1.00	68.90	45.80	11,000	14,000	7309C	111.62	91.60	8,400	11,200	7309CDB	7309CDF	7309CDT	53.5	50.5	91.5	94.5	1.5	0.8	0.810				
	100	25	50	1.50	1.00	66.40	44.00	8,600	12,000	7309AC	107.57	88.00	7,200	9,600	7309ACDB	7309ACDF	7309ACDT	53.5	50.5	91.5	94.5	1.5	0.8	0.837				
	100	25	50	1.50	1.00	58.30	40.10	6,600	8,900	7309B	94.45	80.20	5,300	7,100	7309BDB	7309BDF	7309BDT	53.5	50.5	91.5	94.5	1.5	0.8	0.854				
50	80	16	32	1.00	0.60	25.60	20.70	11,000	16,000	7010C	41.47	41.40	9,600	12,800	7010CDB	7010CDF	7010CDT	56.0	56.0	74.0	76.5	1.0	0.5	0.300				
	80	16	32	1.00	0.60	24.20	19.60	9,900	14,000	7010AC	39.20	39.20	8,400	11,200	7010ACDB	7010ACDF	7010ACDT	56.0	56.0	74.0	76.5	1.0	0.5	0.306				
	90	20	40	1.10	0.60	44.80	34.00	11,000	15,000	7210C	72.58	68.00	9,000	12,000	7210CDB	7210CDF	7210CDT	57.0	55.0	83.0	85.0	1.0	0.6	0.448				
	90	20	40	1.10	0.60	42.70	32.50	9,400	13,000	7210AC	69.17	65.00	7,500	10,000	7210ACDB	7210ACDF	7210ACDT	57.0	55.0	83.0	85.0	1.0	0.6	0.457				

Angular Contact Bearing

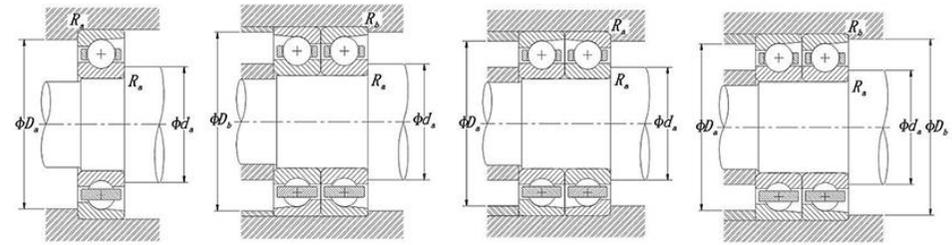
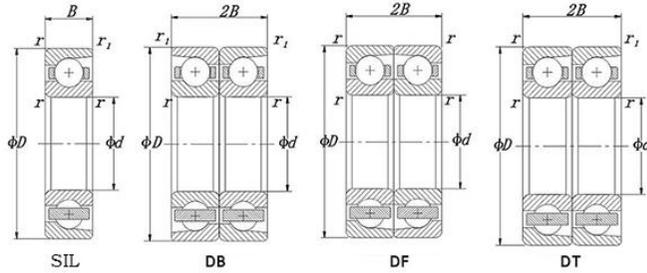


7000 C $\alpha = 15^\circ$
 7000 AC $\alpha = 25^\circ$
 7000 B $\alpha = 40^\circ$

d 50~65 mm

Main Dimensions (mm)						Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Basic Rated Load (C) (kN)		Limit Speed (C) (r/min)		Nominal Model			Installation related dimensions (mm)						Reference Quality (SIL) (kg)	
d	D	B	2B	r_{1min}	r_{2min}	C_r	C_o	Grease	Oil		C_r	C_o	Grease	Oil	Back to back	F2F	Juxtapose	d_a (Min)	d_b (Min)	D_a (Max)	D_b (Max)	R_a (Max)	R_b (Max)		
50	90	20	40	1.10	0.60	37.40	28.60	6700	9000	7210B	60.6	57.2	5,400	7,200	7210BDB	7210BDF	7210BDT	57.0	55.0	83.0	85.0	1.0	0.6	0.466	
	110	27	54	2.00	1.00	80.20	54.40	9600	13000	7310C	129.9	108.8	7,800	10,400	7310CDB	7310CDF	7310CDT	60.0	56.0	100.0	104.0	2.0	1.0	1.070	
	110	27	54	2.00	1.00	77.30	52.40	7700	11000	7310AC	125.2	104.8	6,600	8,800	7310ACDB	7310ACDF	7310ACDT	60.0	56.0	100.0	104.0	2.0	1.0	1.090	
	110	27	54	2.00	1.00	68.20	47.90	5400	7500	7310B	110.5	95.8	4,500	6,000	7310BDB	7310BDF	7310BDT	60.0	56.0	100.0	104.0	2.0	1.0	1.110	
55	90	18	36	1.10	0.60	36.40	29.10	10,000	14,000	7011C	59.0	58.2	8,400	11,200	7011CDB	7011CDF	7011CDT	62.0	62.0	83.0	85.0	1.0	0.6	0.210	
	90	18	36	1.10	0.60	34.50	27.60	8,800	12,000	7011AC	55.9	55.2	7,200	9,600	7011ACDB	7011ACDF	7011ACDT	62.0	62.0	83.0	85.0	1.0	0.6	0.214	
	100	21	42	1.50	1.00	52.90	39.90	10,000	14,000	7211C	85.7	79.8	8,400	11,200	7211CDB	7211CDF	7211CDT	63.5	60.5	91.5	94.5	1.5	0.8	0.589	
	100	21	42	1.50	1.00	50.50	38.20	8,500	12,000	7211AC	81.8	76.4	7,200	9,600	7211ACDB	7211ACDF	7211ACDT	63.5	60.5	91.5	94.5	1.5	0.8	0.600	
	100	21	42	1.50	1.00	46.30	36.10	6,100	8,200	7211B	75.0	72.2	4,900	6,600	7211BDB	7211BDF	7211BDT	63.5	60.5	91.5	94.5	1.5	0.8	0.612	
	120	29	58	2.00	1.00	86.60	60.00	8,800	12,000	7311C	140.3	120.0	7,200	9,600	7311CDB	7311CDF	7311CDT	65.0	61.0	110.0	114.0	2.0	1.0	1.370	
	120	29	58	2.00	1.00	83.30	57.90	7,100	9,800	7311AC	134.9	115.8	5,900	7,800	7311ACDB	7311ACDF	7311ACDT	65.0	61.0	110.0	114.0	2.0	1.0	1.390	
	120	29	58	2.00	1.00	78.80	56.30	4,900	6,900	7311B	127.7	112.6	4,100	5,500	7311BDB	7311BDF	7311BDT	65.0	61.0	110.0	114.0	2.0	1.0	1.420	
60	95	18	36	1.10	0.60	39.00	33.10	9,600	13,500	7012C	63.2	66.2	8,100	10,800	7012CDB	7012CDF	7012CDT	67.0	67.0	88.0	90.0	1.0	0.6	0.467	
	95	18	36	1.10	0.60	37.00	31.40	8,300	11,600	7012AC	59.9	62.8	7,000	9,300	7012ACDB	7012ACDF	7012ACDT	67.0	67.0	88.0	90.0	1.0	0.6	0.478	
	110	22	44	1.50	1.00	61.00	48.30	9,100	13,000	7212C	98.8	96.6	7,800	10,400	7212CDB	7212CDF	7212CDT	68.5	65.5	101.5	104.5	1.5	0.8	0.750	
	110	22	44	1.50	1.00	58.20	46.00	7,800	11,000	7212AC	94.3	92.0	6,600	8,800	7212ACDB	7212ACDF	7212ACDT	68.5	65.5	101.5	104.5	1.5	0.8	0.765	
	110	22	44	1.50	1.00	56.10	44.40	5,700	7,600	7212B	90.9	88.8	4,600	6,100	7212BDB	7212BDF	7212BDT	68.5	65.5	101.5	104.5	1.5	0.8	0.780	
	130	31	62	2.10	1.10	99.10	70.00	8,100	11,000	7312C	160.5	140.0	6,600	8,800	7312CDB	7312CDF	7312CDT	72.0	67.0	118.0	123.0	2.0	1.0	1.700	
	130	31	62	2.10	1.10	95.30	67.30	6,500	9,100	7312AC	154.4	134.6	5,500	7,300	7312ACDB	7312ACDF	7312ACDT	72.0	67.0	118.0	123.0	2.0	1.0	1.740	
	130	31	62	2.10	1.10	90.00	65.50	4,500	6,300	7312B	145.8	131.0	3,800	5,000	7312BDB	7312BDF	7312BDT	72.0	67.0	118.0	123.0	2.0	1.0	1.770	
	65	100	18	36	1.10	0.60	41.50	37.20	9,000	13,000	7013C	67.2	74.4	7,800	10,400	7013CDB	7013CDF	7013CDT	72.0	72.0	93.0	95.0	1.0	0.6	0.495
		100	18	36	1.10	0.60	39.30	35.40	7,800	11,000	7013AC	63.7	70.8	6,600	8,800	7013ACDB	7013ACDF	7013ACDT	72.0	72.0	93.0	95.0	1.0	0.6	0.509
120		23	46	1.50	1.00	60.70	49.30	8,400	12,000	7213C	98.3	98.6	7,200	9,600	7213CDB	7213CDF	7213CDT	73.5	70.5	111.5	114.5	1.5	0.8	0.945	
120		23	46	1.50	1.00	57.70	47.10	7,100	9,900	7213AC	93.5	94.2	5,900	7,900	7213ACDB	7213ACDF	7213ACDT	73.5	70.5	111.5	114.5	1.5	0.8	0.962	
120		23	46	1.50	1.00	63.60	52.60	5,200	7,000	7213B	103.0	105.2	4,200	5,600	7213BDB	7213BDF	7213BDT	73.5	70.5	111.5	114.5	1.5	0.8	0.981	
140		33	66	2.10	1.10	112.20	80.50	7,500	10,000	7313C	181.8	161.0	6,000	8,000	7313CDB	7313CDF	7313CDT	77.0	72.0	128.0	133.0	2.0	1.0	2.090	
140		33	66	2.10	1.10	107.90	77.40	6,000	8,400	7313AC	174.8	154.8	5,000	6,700	7313ACDB	7313ACDF	7313ACDT	77.0	72.0	128.0	133.0	2.0	1.0	2.110	
140		33	66	2.10	1.10	101.80	75.40	4,200	5,900	7313B	164.9	150.8	3,500	4,700	7313BDB	7313BDF	7313BDT	77.0	72.0	128.0	133.0	2.0	1.0	2.150	

Angular Contact Bearing

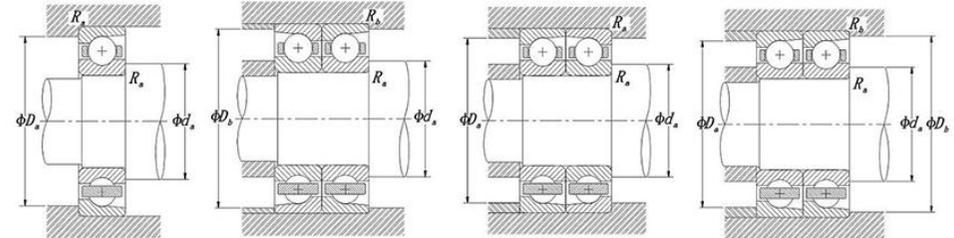
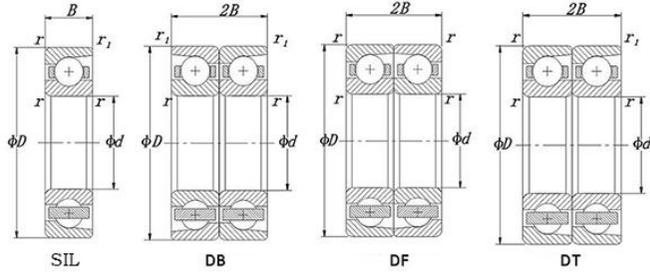


7000 C $\alpha = 15^\circ$
 7000 AC $\alpha = 25^\circ$
 7000 B $\alpha = 40^\circ$

d 70~85 mm

Main Dimensions (mm)						Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Basic Rated Load (C) (kN)		Limit Speed (C) (r/min)		Nominal Model			Installation related dimensions (mm)						Reference Quality (SIL) (kg)	
d	D	B	2B	$r_{1(\text{Min})}$	$r_{2(\text{Min})}$	C_r	C_o	Grease	Oil		C_r	C_o	Grease	Oil	Back to back	F2F	Juxtapose	d_a (Min)	d_b (Min)	D_a (Max)	D_b (Max)	R_a (Max)	R_b (Max)		
70	110	20	40	1.10	0.60	49.90	45.50	8,300	11,500	7014C	80.8	91.0	6,900	9,200	7014CDB	7014CDF	7014CDT	77.0	77.0	103.0	105.0	1.0	0.6	0.690	
	110	20	40	1.10	0.60	47.30	43.30	7,100	10,000	7014AC	76.6	86.6	6,000	8,000	7014ACDB	7014ACDF	7014ACDT	77.0	77.0	103.0	105.0	1.0	0.6	0.705	
	125	24	48	1.50	1.00	76.10	63.50	8,000	11,000	7214C	123.3	127.0	6,600	8,800	7214CDB	7214CDF	7214CDT	78.5	75.5	116.5	119.5	1.5	0.8	1.070	
	125	24	48	1.50	1.00	72.50	60.60	6,800	9,400	7214AC	117.5	121.2	5,600	7,500	7214ACDB	7214ACDF	7214ACDT	78.5	75.5	116.5	119.5	1.5	0.8	1.090	
	125	24	48	1.50	1.00	69.10	57.80	4,900	6,500	7214B	111.9	115.6	3,900	5,200	7214BDB	7214BDF	7214BDT	78.5	75.5	116.5	119.5	1.5	0.8	1.110	
	150	35	70	2.10	1.10	126.20	91.90	7,000	9,500	7314C	204.4	183.8	5,700	7,600	7314CDB	7314CDF	7314CDT	82.0	77.0	138.0	143.0	2.0	1.0	2.510	
	150	35	70	2.10	1.10	121.30	88.30	5,600	7,800	7314AC	196.5	176.6	4,700	6,200	7314ACDB	7314ACDF	7314ACDT	82.0	77.0	138.0	143.0	2.0	1.0	2.560	
	150	35	70	2.10	1.10	114.40	86.00	4,400	5,800	7314B	185.3	172.0	3,500	4,600	7314BDB	7314BDF	7314BDT	82.0	77.0	138.0	143.0	2.0	1.0	2.610	
	75	115	20	40	1.10	0.60	51.20	48.30	7,800	11,000	7015C	82.9	96.6	6,600	8,800	7015CDB	7015CDF	7015CDT	82.0	82.0	108.0	110.0	1.0	0.6	0.730
		115	20	40	1.10	0.60	48.50	46.00	6,700	9,500	7015AC	78.6	92.0	5,700	7,600	7015ACDB	7015ACDF	7015ACDT	82.0	82.0	108.0	110.0	1.0	0.6	0.745
		130	25	50	1.50	1.00	75.90	64.40	7,600	10,500	7215C	123.0	128.8	6,300	8,400	7215CDB	7215CDF	7215CDT	83.5	80.5	121.5	124.5	1.5	0.8	1.150
		130	25	50	1.50	1.00	72.20	61.50	6,400	9,000	7215AC	117.0	123.0	5,400	7,200	7215ACDB	7215ACDF	7215ACDT	83.5	80.5	121.5	124.5	1.5	0.8	1.170
130		25	50	1.50	1.00	68.60	58.30	4,500	6,000	7215B	111.1	116.6	3,600	4,800	7215BDB	7215BDF	7215BDT	83.5	80.5	121.5	124.5	1.5	0.8	1.190	
160		37	74	2.10	1.10	137.50	104.10	6,500	8,900	7315C	222.8	208.2	5,300	7,100	7315CDB	7315CDF	7315CDT	87.0	82.0	148.0	153.0	2.0	1.0	3.020	
160		37	74	2.10	1.10	132.10	100.00	5,300	7,300	7315AC	214.0	200.0	4,400	5,800	7315ACDB	7315ACDF	7315ACDT	87.0	82.0	148.0	153.0	2.0	1.0	3.070	
160		37	74	2.10	1.10	124.50	97.30	4,100	5,400	7315B	201.7	194.6	3,200	4,300	7315BDB	7315BDF	7315BDT	87.0	82.0	148.0	153.0	2.0	1.0	3.130	
80		125	22	44	1.10	0.60	58.70	55.20	7,300	10,000	7016C	95.1	110.4	6,000	8,000	7016CDB	7016CDF	7016CDT	87.0	87.0	118.0	120.0	1.0	0.6	0.980
		125	22	44	1.10	0.60	55.50	52.50	6,300	8,800	7016AC	89.9	105.0	5,300	7,000	7016ACDB	7016ACDF	7016ACDT	87.0	87.0	118.0	120.0	1.0	0.6	0.994
		140	26	52	2.00	1.00	93.20	81.50	7,100	9,800	7216C	151.0	163.0	5,900	7,800	7216CDB	7216CDF	7216CDT	90.0	86.0	130.0	134.0	2.0	1.0	1.360
		140	26	52	2.00	1.00	88.70	78.00	6,000	8,300	7216AC	143.7	156.0	5,000	6,600	7216ACDB	7216ACDF	7216ACDT	90.0	86.0	130.0	134.0	2.0	1.0	1.390
	140	26	52	2.00	1.00	80.50	69.20	4,300	5,700	7216B	130.4	138.4	3,400	4,600	7216BDB	7216BDF	7216BDT	90.0	86.0	130.0	134.0	2.0	1.0	1.420	
	170	39	78	2.10	1.10	149.00	116.90	6,100	8,400	7316C	241.4	233.8	5,000	6,700	7316CDB	7316CDF	7316CDT	92.0	87.0	158.0	163.0	2.0	1.0	3.590	
	170	39	78	2.10	1.10	143.10	112.20	5,000	6,900	7316AC	231.8	224.4	4,100	5,500	7316ACDB	7316ACDF	7316ACDT	92.0	87.0	158.0	163.0	2.0	1.0	3.650	
	170	39	78	2.10	1.10	134.80	109.20	3,800	5,100	7316B	218.4	218.4	3,100	4,100	7316BDB	7316BDF	7316BDT	92.0	87.0	158.0	163.0	2.0	1.0	3.720	
	85	130	22	44	1.10	0.60	60.20	58.60	6,900	9,800	7017C	97.5	117.2	5,900	7,800	7017CDB	7017CDF	7017CDT	92.0	92.0	123.0	125.0	1.0	0.6	1.020
		130	22	44	1.10	0.60	56.90	55.50	6,000	8,400	7017AC	92.2	111.0	5,000	6,700	7017ACDB	7017ACDF	7017ACDT	92.0	92.0	123.0	125.0	1.0	0.6	1.040
		150	28	56	2.00	1.00	92.40	78.90	6,600	9,200	7217C	149.7	157.8	5,500	7,400	7217CDB	7217CDF	7217CDT	95.0	91.0	140.0	144.0	2.0	1.0	1.760
		150	28	56	2.00	1.00	87.90	75.30	5,600	7,800	7217AC	142.4	150.6	4,700	6,200	7217ACDB	7217ACDF	7217ACDT	95.0	91.0	140.0	144.0	2.0	1.0	1.780

Angular Contact Bearing

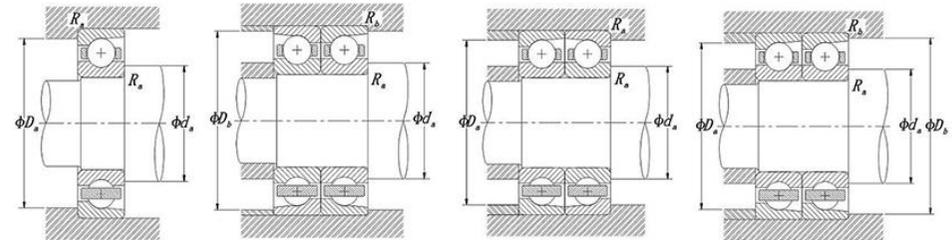
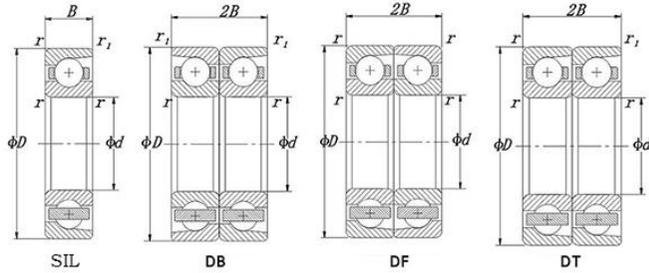


7000 C $\alpha = 15^\circ$
 7000 AC $\alpha = 25^\circ$
 7000 B $\alpha = 40^\circ$

d 85~100 mm

Main Dimensions (mm)	Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Basic Rated Load (kN)		Limit Speed (C) (r/min)		Nominal Model			Installation related dimensions (mm)						Reference Quality (SIL) (kg)		
	d	D	B	2B		r_{1min}	r_{2min}	C_r	C_e	Grease	Oil	Back to back	F2F	Juxtapose	d_a (Min)	d_b (Min)	D_s (Max)	D_r (Max)		R_s (Max)	R_b (Max)
85	150	28	56	2.00	1.00	7217B	129.1	140.4	3,200	4,200	7217BDB	7217BDF	7217BDT	95.0	91.0	140.0	144.0	2.0	1.0	1.820	
	180	41	82	3.00	1.10	7317C	260.3	261.0	4,700	6,300	7317CDB	7317CDF	7317CDT	99.0	92.0	166.0	173.0	2.5	1.0	4.260	
	180	41	82	3.00	1.10	7317AC	260.0	250.6	3,900	5,200	7317ACDB	7317ACDF	7317ACDT	99.0	92.0	166.0	173.0	2.5	1.0	4.340	
	180	41	82	3.00	1.10	7317B	235.5	243.6	2,900	3,800	7317BDB	7317BDF	7317BDT	99.0	92.0	166.0	173.0	2.5	1.0	4.430	
90	140	24	48	1.50	1.00	7018C	107.9	131.6	5,500	7,300	7018CDB	7018CDF	7018CDT	98.5	98.5	131.5	134.5	1.5	0.8	1.310	
	140	24	48	1.50	1.00	7018AC	102.1	124.8	4,700	6,300	7018ACDB	7018ACDF	7018ACDT	98.5	98.5	131.5	134.5	1.5	0.8	1.350	
	160	30	60	2.00	1.00	7218C	198.6	209.6	5,200	6,900	7218CDB	7218CDF	7218CDT	100.0	96.0	150.0	154.0	2.0	1.0	2.140	
	160	30	60	2.00	1.00	7218AC	189.4	199.8	4,400	5,800	7218ACDB	7218ACDF	7218ACDT	100.0	96.0	150.0	154.0	2.0	1.0	2.180	
	160	30	60	2.00	1.00	7218B	172.7	187.4	3,000	4,000	7218BDB	7218BDF	7218BDT	100.0	96.0	150.0	154.0	2.0	1.0	2.220	
	190	43	86	3.00	1.10	7318C	296.6	316.0	4,500	6,000	7318CDB	7318CDF	7318CDT	104.0	97.0	176.0	183.0	2.5	1.0	4.970	
	190	43	86	3.00	1.10	7138AC	284.6	303.4	3,700	5,000	7138ACDB	7138ACDF	7138ACDT	104.0	97.0	176.0	183.0	2.5	1.0	5.060	
	190	43	86	3.00	1.10	7318B	253.0	270.4	2,700	3,600	7318BDB	7318BDF	7318BDT	104.0	97.0	176.0	183.0	2.5	1.0	5.160	
	95	145	24	48	1.50	1.00	7019C	119.1	146.4	5,300	7,000	7019CDB	7019CDF	7019CDT	103.5	103.5	136.5	139.5	1.5	0.8	1.370
		145	24	48	1.50	1.00	7019AC	112.6	138.6	4,500	6,000	7019ACDB	7019ACDF	7019ACDT	103.5	103.5	136.5	139.5	1.5	0.8	1.410
170		32	64	2.00	1.10	7219C	214.8	223.8	4,900	6,600	7219CDB	7219CDF	7219CDT	107.0	102.0	158.0	163.0	2.0	1.0	2.620	
170		32	64	2.00	1.10	7219AC	204.9	213.6	4,100	5,500	7219ACDB	7219ACDF	7219ACDT	107.0	102.0	158.0	163.0	2.0	1.0	2.670	
170		32	64	2.00	1.10	7219B	187.6	201.2	2,800	3,800	7219BDB	7219BDF	7219BDT	107.0	102.0	158.0	163.0	2.0	1.0	2.720	
200		45	90	3.00	1.10	7319C	299.7	319.6	4,300	5,700	7319CDB	7319CDF	7319CDT	109.0	102.0	186.0	193.0	2.5	1.0	5.770	
200		45	90	3.00	1.10	7319AC	287.7	307.0	3,500	4,600	7319ACDB	7319ACDF	7319ACDT	109.0	102.0	186.0	193.0	2.5	1.0	5.890	
200		45	90	3.00	1.10	7319B	270.9	298.4	2,500	3,400	7319BDB	7319BDF	7319BDT	109.0	102.0	186.0	193.0	2.5	1.0	6.000	
100		150	24	48	1.50	1.00	7020C	122.0	154.4	5,000	6,700	7020CDB	7020CDF	7020CDT	108.5	108.5	141.5	144.5	1.5	0.8	1.400
		150	24	48	1.50	1.00	7020AC	115.3	146.2	4,300	5,800	7020ACDB	7020ACDF	7020ACDT	108.5	108.5	141.5	144.5	1.5	0.8	1.470
	180	34	68	2.10	1.10	7220C	241.4	253.8	4,600	6,200	7220CDB	7220CDF	7220CDT	112.0	107.0	168.0	173.0	2.0	1.0	3.120	
	180	34	68	2.10	1.10	7220AC	230.2	242.4	4,000	5,300	7220ACDB	7220ACDF	7220ACDT	112.0	107.0	168.0	173.0	2.0	1.0	3.260	
	180	34	68	2.10	1.10	7220B	210.9	228.6	2,700	3,600	7220BDB	7220BDF	7220BDT	112.0	107.0	168.0	173.0	2.0	1.0	3.400	
	215	47	94	3.00	1.10	7320C	359.8	413.6	4,000	5,400	7320CDB	7320CDF	7320CDT	114.0	107.0	201.0	208.0	2.5	1.0	7.050	
	215	47	94	3.00	1.10	7320AC	346.0	397.2	3,300	4,400	7320ACDB	7320ACDF	7320ACDT	114.0	107.0	201.0	208.0	2.5	1.0	7.180	
	215	47	94	3.00	1.10	7320B	308.0	354.8	2,400	3,200	7320BDB	7320BDF	7320BDT	114.0	107.0	201.0	208.0	2.5	1.0	7.320	

Angular Contact Bearing

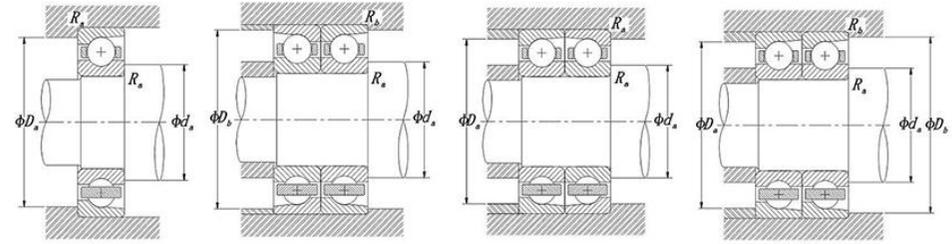
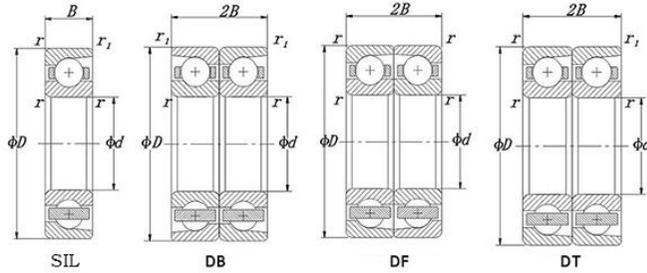


7000 C $\alpha = 15^\circ$
 7000 AC $\alpha = 25^\circ$
 7000 B $\alpha = 40^\circ$

d 105~130 mm

Main Dimensions (mm)					Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Basic Rated Load (C) (kN)		Limit Speed (C) (r/min)		Nominal Model			Installation related dimensions (mm)						Reference Quality (SIL) (kg)		
d	D	B	2B	$r_{1\min}$	$r_{2\min}$	C_r	C_o	Grease		Oil	C_r	C_o	Grease	Oil	Back to back	F2F	Juxtapose	d_a (Min)	d_b (Min)	D_a (Max)	D_b (Max)	R_a (Max)		R_b (Max)	
105	160	26	52	2.00	1.00	88.1	89.4	5600	7900	7021C	142.7	178.8	1788	6300	7021CDB	7021CDF	7021CDT	115.0	115.0	150.0	154.0	2.0	1.0	1.780	
	160	26	52	2.00	1.00	83.3	84.7	4800	6800	7021AC	134.9	169.4	1694	5400	7021ACDB	7021ACDF	7021ACDT	115.0	115.0	150.0	154.0	2.0	1.0	1.860	
	190	36	72	2.10	1.10	162.4	142.9	5300	7300	7221C	263.1	285.8	2858	5800	7221CDB	7221CDF	7221CDT	117.0	112.0	178.0	183.0	2.0	1.0	3.700	
	190	36	72	2.10	1.10	154.9	136.7	4500	6200	7221AC	250.9	273.4	2734	5000	7221ACDB	7221ACDF	7221ACDT	117.0	112.0	178.0	183.0	2.0	1.0	3.790	
	190	36	72	2.10	1.10	142.0	128.9	3200	4300	7221B	230.0	257.8	2578	3400	7221BDB	7221BDF	7221BDT	117.0	112.0	178.0	183.0	2.0	1.0	3.870	
	225	49	98	3.00	1.10	222.6	206.8	4600	6300	7321C	360.6	413.6	4136	5000	7321CDB	7321CDF	7321CDT	119.0	112.0	211.0	218.0	2.5	1.0	8.070	
	225	49	98	3.00	1.10	213.9	198.6	3800	5200	7321AC	346.5	397.2	3972	4200	7321ACDB	7321ACDF	7321ACDT	119.0	112.0	211.0	218.0	2.5	1.0	8.200	
	225	49	98	3.00	1.10	190.4	177.3	2900	4500	7321B	308.4	354.6	3546	3600	7321BDB	7321BDF	7321BDT	119.0	112.0	211.0	218.0	2.5	1.0	8.360	
	110	170	28	56	2.00	1.00	104.3	106.3	5300	7500	7022C	169.0	212.6	2126	6000	7022CDB	7022CDF	7022CDT	120.0	120.0	160.0	164.0	2.0	1.0	2.200
		170	28	56	2.00	1.00	98.7	101.1	4600	6450	7022AC	159.9	202.2	2022	5200	7022ACDB	7022ACDF	7022ACDT	120.0	120.0	160.0	164.0	2.0	1.0	2.300
		200	38	76	2.10	1.10	175.8	159.6	5000	7000	7222C	284.8	319.2	3192	5600	7222CDB	7222CDF	7222CDT	122.0	117.0	188.0	193.0	2.0	1.0	4.370
		200	38	76	2.10	1.10	167.8	152.9	4300	5900	7222AC	271.8	305.8	3058	4700	7222ACDB	7222ACDF	7222ACDT	122.0	117.0	188.0	193.0	2.0	1.0	4.450
200		38	76	2.10	1.10	153.9	144.3	3000	4000	7222B	249.3	288.6	2886	3200	7222BDB	7222BDF	7222BDT	122.0	117.0	188.0	193.0	2.0	1.0	4.540	
240		50	100	3.00	1.10	248.4	240.1	4400	6000	7322C	402.4	480.2	4802	4800	7322CDB	7322CDF	7322CDT	124.0	117.0	226.0	233.0	2.5	1.0	9.400	
240		50	100	3.00	1.10	239.0	231.4	3500	4900	7322AC	387.2	462.8	4628	3900	7322ACDB	7322ACDF	7322ACDT	124.0	117.0	226.0	233.0	2.5	1.0	9.600	
240		50	100	3.00	1.10	225.8	225.3	2700	3700	7322B	365.8	450.6	4506	3000	7322BDB	7322BDF	7322BDT	124.0	117.0	226.0	233.0	2.5	1.0	9.800	
120		180	28	56	2.00	1.00	112.1	116.5	5000	7000	7024C	181.6	233.0	2330	5600	7024CDB	7024CDF	7024CDT	130.0	130.0	170.0	174.0	2.0	1.0	2.330
		180	28	56	2.00	1.00	106.1	110.5	4300	6000	7024AC	171.9	221.0	2210	4800	7024ACDB	7024ACDF	7024ACDT	130.0	130.0	170.0	174.0	2.0	1.0	2.470
		215	40	80	2.10	1.10	198.4	192.2	4600	6400	7224C	321.4	384.4	3844	5100	7224CDB	7224CDF	7224CDT	132.0	132.0	203.0	208.0	2.0	1.0	6.180
		215	40	80	2.10	1.10	189.2	183.5	3900	5500	7224AC	306.5	367.0	3670	4400	7224ACDB	7224ACDF	7224ACDT	132.0	132.0	203.0	208.0	2.0	1.0	6.260
	215	40	80	2.10	1.10	165.4	161.4	2800	3700	7224B	267.9	322.8	3228	3000	7224BDB	7224BDF	7224BDT	132.0	132.0	203.0	208.0	2.0	1.0	6.320	
	260	55	110	2.10	1.10	265.1	270.6	4000	5500	7324C	429.5	541.2	5412	4400	7324CDB	7324CDF	7324CDT	134.0	134.0	246.0	253.0	2.5	1.0	14.500	
	260	55	110	2.10	1.10	254.1	260.5	3300	4500	7324AC	411.6	521.0	5210	3600	7324ACDB	7324ACDF	7324ACDT	134.0	134.0	246.0	253.0	2.5	1.0	14.700	
	260	55	110	2.10	1.10	225.1	231.3	2500	3300	7324B	364.7	462.6	4626	2600	7324BDB	7324BDF	7324BDT	134.0	134.0	246.0	253.0	2.5	1.0	14.900	
	130	200	33	66	2.00	1.00	129.0	137.0	4500	6400	7026C	209.0	274.0	2740	5100	7026CDB	7026CDF	7026CDT	140.0	140.0	190.0	194.0	2.0	1.0	3.610
		200	33	66	2.00	1.00	122.0	130.0	3900	5500	7026AC	197.6	260.0	2600	4400	7026ACDB	7026ACDF	7026ACDT	140.0	140.0	190.0	194.0	2.0	1.0	3.730
		230	40	80	3.00	1.10	206.5	209.0	4300	6000	7226C	334.5	418.0	4180	4800	7226CDB	7226CDF	7226CDT	144.0	144.0	216.0	223.0	2.5	1.0	9.960
		230	40	80	3.00	1.10	196.5	199.8	3700	5100	7226AC	318.3	399.6	3996	4100	7226ACDB	7226ACDF	7226ACDT	144.0	144.0	216.0	223.0	2.5	1.0	7.150

Angular Contact Bearing

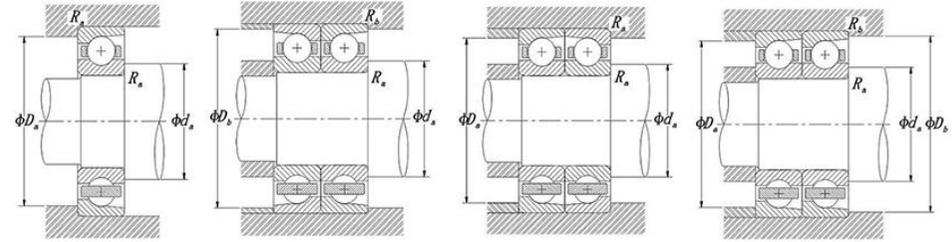
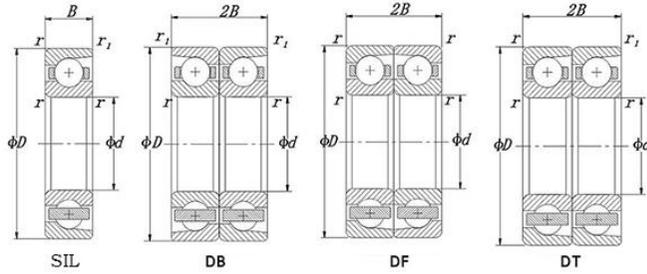


7000 C α = 15°
7000 AC α = 25°
7000 B α = 40°

d 130~160 mm

Main Dimensions (mm)	Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Basic Rated Load (C) (kN)		Limit Speed (C) (r/min)		Nominal Model			Installation related dimensions (mm)					Reference Quality (SIL) (kg)		
	d	D	B	2B		r ₁ (Min)	r ₁ (Min)	C _r	C ₀	Grease	Oil	Back to back	F2F	Juxtapose	d _s (Min)	d _b (Min)	D _s (Max)		D _i (Max)	R _s (Max)
130	230	40	80	3.00	1.10	7226B	277.0	349.0	2000	2700	7226BDB	7226BDF	7226BDT	144.0	144.0	216.0	223.0	2.5	1.0	7.330
	280	58	116	4.00	1.50	7326C	476.4	628.2	3100	4100	7326CDB	7326CDF	7326CDT	148.0	148.0	262.0	271.5	3.0	1.5	17.400
	280	58	116	4.00	1.50	7326AC	456.7	604.6	2500	3400	7326ACDB	7326ACDF	7326ACDT	148.0	148.0	262.0	271.5	3.0	1.5	17.600
	280	58	116	4.00	1.50	7326B	404.5	536.8	1900	2500	7326BDB	7326BDF	7326BDT	148.0	148.0	262.0	271.5	3.0	1.5	17.800
140	210	33	66	2.00	1.00	7028C	213.8	290.0	3600	4800	7028CDB	7028CDF	7028CDT	150.0	150.0	200.0	204.0	2.0	1.0	3.820
	210	33	66	2.00	1.00	7028AC	202.5	276.0	3100	4200	7028ACDB	7028ACDF	7028ACDT	150.0	150.0	200.0	204.0	2.0	1.0	3.960
	250	42	84	3.00	1.10	7228C	385.2	508.4	3300	4400	7228CDB	7228CDF	7228CDT	154.0	154.0	236.0	243.0	2.5	1.0	8.600
	250	42	84	3.00	1.10	7228AC	366.9	485.2	2800	3800	7228ACDB	7228ACDF	7228ACDT	154.0	154.0	236.0	243.0	2.5	1.0	8.780
	250	42	84	3.00	1.10	7228B	319.6	424.4	2200	2900	7228BDB	7228BDF	7228BDT	154.0	154.0	236.0	243.0	2.5	1.0	8.900
	300	62	124	4.00	1.50	7328C	524.9	721.8	2900	3800	7328CDB	7328CDF	7328CDT	158.0	158.0	282.0	291.5	3.0	1.5	20.100
	300	62	124	4.00	1.50	7328AC	503.0	694.4	2300	3100	7328ACDB	7328ACDF	7328ACDT	158.0	158.0	282.0	291.5	3.0	1.5	21.500
	300	62	124	4.00	1.50	7328B	445.5	616.4	2000	2600	7328BDB	7328BDF	7328BDT	158.0	158.0	282.0	291.5	3.0	1.5	22.440
150	225	35	70	2.10	1.10	7030C	244.5	336.2	3400	4500	7030CDB	7030CDF	7030CDT	162.0	162.0	213.0	218.0	2.0	1.0	4.650
	225	35	70	2.10	1.10	7030AC	230.9	318.6	2900	3800	7030ACDB	7030ACDF	7030ACDT	162.0	162.0	213.0	218.0	2.0	1.0	4.820
	270	45	90	3.00	1.10	7230C	437.9	607.4	3100	4100	7230CDB	7230CDF	7230CDT	164.0	164.0	256.0	263.0	2.5	1.0	10.800
	270	45	90	3.00	1.10	7230AC	417.2	578.8	2600	3500	7230ACDB	7230ACDF	7230ACDT	164.0	164.0	256.0	263.0	2.5	1.0	11.000
	270	45	90	3.00	1.10	7230B	363.9	507.8	2000	2700	7230BDB	7230BDF	7230BDT	164.0	164.0	256.0	263.0	2.5	1.0	11.200
	320	65	130	4.00	1.50	7330C	554.9	802.2	2700	3600	7330CDB	7330CDF	7330CDT	168.0	168.0	302.0	311.5	3.0	1.5	24.800
	320	65	130	4.00	1.50	7330AC	530.6	765.8	2200	3000	7330ACDB	7330ACDF	7330ACDT	168.0	168.0	302.0	311.5	3.0	1.5	25.100
	320	65	130	4.00	1.50	7330B	467.9	679.6	1600	2100	7330BDB	7330BDF	7330BDT	168.0	168.0	302.0	311.5	3.0	1.5	25.400
160	240	38	76	2.10	1.10	7032C	276.9	385.6	3200	4200	7032CDB	7032CDF	7032CDT	172.0	172.0	228.0	233.0	2.0	1.0	5.820
	240	38	76	2.10	1.10	7032AC	261.6	365.4	2700	3600	7032ACDB	7032ACDF	7032ACDT	172.0	172.0	228.0	233.0	2.0	1.0	5.960
	290	48	96	3.00	1.10	7232C	464.1	665.4	2900	3800	7232CDB	7232CDF	7232CDT	174.0	174.0	276.0	283.0	2.5	1.0	13.500
	290	48	96	3.00	1.10	7232AC	441.9	635.6	2500	3300	7232ACDB	7232ACDF	7232ACDT	174.0	174.0	276.0	283.0	2.5	1.0	13.700
	290	48	96	3.00	1.10	7232B	384.8	555.4	1600	2200	7232BDB	7232BDF	7232BDT	174.0	174.0	276.0	283.0	2.5	1.0	13.900
	340	68	136	4.00	1.50	7320C	607.3	912.2	2500	3400	7320CDB	7320CDF	7320CDT	178.0	178.0	322.0	331.5	3.0	1.5	29.700
	340	68	136	4.00	1.50	7320AC	580.8	870.6	2000	2700	7320ACDB	7320ACDF	7320ACDT	178.0	178.0	322.0	331.5	3.0	1.5	29.800
	340	68	136	4.00	1.50	7320B	512.2	772.6	1400	1900	7320BDB	7320BDF	7320BDT	178.0	178.0	322.0	331.5	3.0	1.5	29.900

Angular Contact Bearing

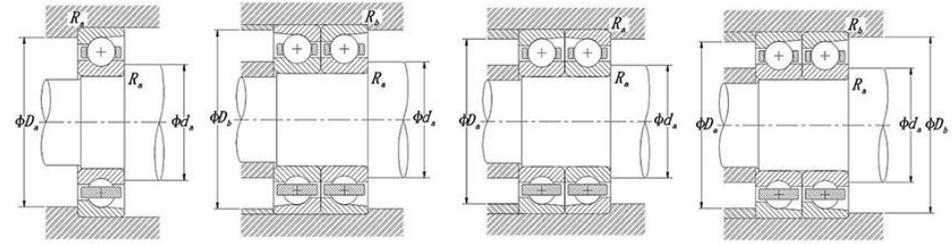
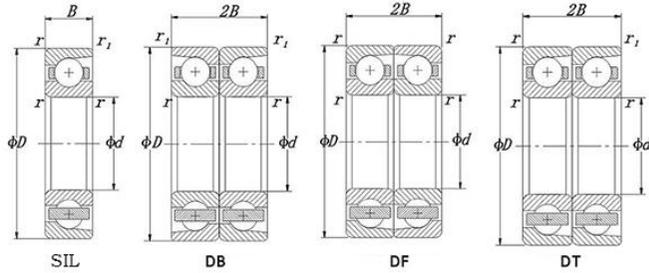


7000 C $\alpha = 15^\circ$
 7000 AC $\alpha = 25^\circ$
 7000 B $\alpha = 40^\circ$

d 170 mm

Main Dimensions (mm)						Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Basic Rated Load (C) (kN)		Limit Speed (C) (r/min)		Nominal Model						Installation related dimensions (mm)						Reference Quality (SIL) (kg)
<i>d</i>	<i>D</i>	<i>B</i>	<i>2B</i>	r_{Min}	r_{Max}	C_r	C_o	Grease	Oil		C_r	C_o	Grease	Oil	Back to back	F2F	Juxtapose	d_a (Min)	d_b (Min)	D_a (Max)	D_b (Max)	R_a (Max)	R_b (Max)	d_a	d_b	D_a	
170	260	42	84	2.10	1.10	204.7	234.5	3500	4900	7034C	331.6	469.0	2900	3900	7034CDB	7034CDF	7034CDT	182.0	182.0	248.0	253.0	2.0	1.0	7.800			
	260	42	84	2.10	1.10	193.5	222.3	3000	4200	7034AC	313.5	444.6	2500	3400	7034ACDB	7034ACDF	7034ACDT	182.0	182.0	248.0	253.0	2.0	1.0	7.960			
	310	52	104	4.00	1.50	320.8	389.1	3200	4500	7234C	519.7	778.2	2700	3600	7234CDB	7234CDF	7234CDT	188.0	188.0	292.0	301.5	3.0	1.5	16.900			
	310	52	104	4.00	1.50	305.5	371.2	2800	3800	7234AC	494.9	742.4	2300	3000	7234ACDB	7234ACDF	7234ACDT	188.0	188.0	292.0	301.5	3.0	1.5	17.000			
	310	52	104	4.00	1.50	266.2	325.0	1900	2500	7234B	431.2	650.0	1500	2000	7234BDB	7234BDF	7234BDT	188.0	188.0	292.0	301.5	3.0	1.5	17.100			
	360	72	144	4.00	1.50	418.3	520.6	2900	4000	7334C	677.6	1041.2	2400	3200	7334CDB	7334CDF	7334CDT	188.0	188.0	342.0	351.5	3.0	1.5	35.200			
	360	72	144	4.00	1.50	400.9	500.5	2300	3200	7334AC	649.5	1001.0	1900	2600	7334ACDB	7334ACDF	7334ACDT	188.0	188.0	342.0	351.5	3.0	1.5	35.300			
	360	72	144	4.00	1.50	354.9	444.2	1700	2300	7334B	574.9	888.4	1400	1800	7334BDB	7334BDF	7334BDT	188.0	188.0	342.0	351.5	3.0	1.5	35.400			

Angular Contact Bearing



7000 C $\alpha = 15^\circ$
 7000 AC $\alpha = 25^\circ$
 7000 B $\alpha = 40^\circ$

d 180~240mm

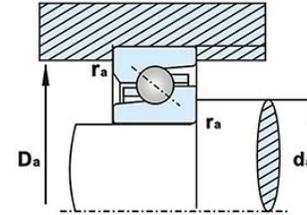
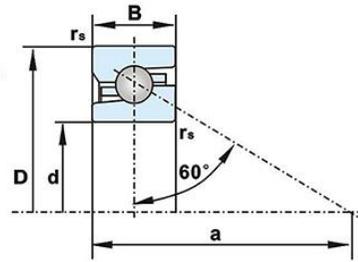
Main Dimensions (mm)	Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Basic Rated Load (C) (kN)		Limit Speed (C) (r/min)		Installation related dimensions (mm)						Reference Quality (SIL) (kg)				
	d	D	B	2B		r_1 (Min)	r_2 (Min)	C_r	C_o	Grease	Oil	Grease	Oil	Nominal Model	d_a (Min)		d_b (Min)	D_a (Max)	D_i (Max)	R_r (Max)
180	280	46	92	2.10	1.10	7036C	369.7	551.8	2800	3700	7036CDB	7036CDF	7036CDT	192.0	192.0	268.0	273.0	2.0	1.0	10.40
	280	46	92	2.10	1.10	7036AC	349.4	522.6	2300	3100	7036ACDB	7036ACDF	7036ACDT	192.0	192.0	268.0	273.0	2.0	1.0	10.40
	320	52	104	4.00	1.50	7236C	539.8	834.6	2600	3400	7236CDB	7236CDF	7236CDT	198.0	198.0	302.0	311.5	3.0	1.5	17.70
	320	52	104	4.00	1.50	7236AC	513.7	798.4	2200	3000	7236ACDB	7236ACDF	7236ACDT	198.0	198.0	302.0	311.5	3.0	1.5	17.70
	320	52	104	4.00	1.50	7236B	446.3	696.8	1400	1900	7236BDB	7236BDF	7236BDT	198.0	198.0	302.0	311.5	3.0	1.5	17.70
	380	75	150	4.00	1.50	7336C	716.0	1153.0	2300	3000	7336CDB	7336CDF	7336CDT	198.0	198.0	362.0	371.5	3.0	1.5	40.90
	380	75	150	4.00	1.50	7336AC	685.1	1100.6	1900	2500	7336ACDB	7336ACDF	7336ACDT	198.0	198.0	362.0	371.5	3.0	1.5	40.90
	380	75	150	4.00	1.50	7336B	604.3	976.4	1300	1700	7336BDB	7336BDF	7336BDT	198.0	198.0	362.0	371.5	3.0	1.5	40.90
190	290	46	92	2.10	1.10	7038C	399.5	613.2	2600	3500	7038CDB	7038CDF	7038CDT	202.0	202.0	278.0	283.0	2.0	1.0	10.80
	290	46	92	2.10	1.10	7038AC	377.8	581.2	2300	3000	7038ACDB	7038ACDF	7038ACDT	202.0	202.0	278.0	283.0	2.0	1.0	10.80
	340	55	110	4.00	1.50	7238C	558.3	899.6	2500	3300	7238CDB	7238CDF	7238CDT	208.0	208.0	322.0	331.5	3.0	1.5	21.30
	340	55	110	4.00	1.50	7238AC	529.7	854.8	2100	2800	7238ACDB	7238ACDF	7238ACDT	208.0	208.0	322.0	331.5	3.0	1.5	21.30
	340	55	110	4.00	1.50	7238B	459.6	747.6	1400	1800	7238BDB	7238BDF	7238BDT	208.0	208.0	322.0	331.5	3.0	1.5	21.30
	400	78	156	5.00	2.00	7338C	785.4	1286.4	2200	2900	7338CDB	7338CDF	7338CDT	212.0	212.0	378.0	390.0	4.0	2.0	47.00
	400	78	156	5.00	2.00	7338AC	752.7	1236.6	1700	2300	7338ACDB	7338ACDF	7338ACDT	212.0	212.0	378.0	390.0	4.0	2.0	47.00
	400	78	156	5.00	2.00	7338B	666.3	1097.4	1200	1600	7338BDB	7338BDF	7338BDT	212.0	212.0	378.0	390.0	4.0	2.0	47.00
200	310	51	102	2.10	1.10	7040C	428.7	680.8	2500	3300	7040CDB	7040CDF	7040CDT	212.0	212.0	298.0	303.0	2.0	1.0	14.00
	310	51	102	2.10	1.10	7040AC	405.2	645.0	2100	2800	7040ACDB	7040ACDF	7040ACDT	212.0	212.0	298.0	303.0	2.0	1.0	14.00
	360	58	116	4.00	1.50	7240C	597.0	979.8	2800	3100	7240CDB	7240CDF	7240CDT	218.0	218.0	342.0	351.5	3.0	1.5	25.30
	360	58	116	4.00	1.50	7240AC	567.0	932.8	2000	2600	7240ACDB	7240ACDF	7240ACDT	218.0	218.0	342.0	351.5	3.0	1.5	25.30
	360	58	116	4.00	1.50	7240B	492.3	815.8	1300	1700	7240BDB	7240BDF	7240BDT	218.0	218.0	342.0	351.5	3.0	1.5	25.30
	420	80	160	5.00	2.00	7340C	829.8	1422.0	2000	2700	7340CDB	7340CDF	7340CDT	222.0	222.0	398.0	410.0	4.0	2.0	53.10
	420	80	160	5.00	2.00	7340AC	794.0	1357.4	1700	2200	7340ACDB	7340ACDF	7340ACDT	222.0	222.0	398.0	410.0	4.0	2.0	53.10
	420	80	160	5.00	2.00	7340B	700.7	1204.0	1100	1500	7340BDB	7340BDF	7340BDT	222.0	222.0	398.0	410.0	4.0	2.0	53.10
220	340	56	112	3.00	3.00	7044C	504.6	861.0	2300	3000	7044CDB	7044CDF	7044CDT	244.0	244.0	319.0	326.0	2.5	1.0	18.50
	340	56	112	3.00	3.00	7044AC	477.1	815.6	1900	2600	7044ACDB	7044ACDF	7044ACDT	244.0	244.0	319.0	326.0	2.5	1.0	18.50
	400	65	130	4.00	1.50	7244C	721.5	1267.2	2100	2800	7244CDB	7244CDF	7244CDT	248.0	248.0	374.0	383.0	3.0	1.5	36.50
	400	65	130	4.00	1.50	7244AC	686.2	1211.0	1800	2400	7244ACDB	7244ACDF	7244ACDT	248.0	248.0	374.0	383.0	3.0	1.5	36.50
	400	65	130	4.00	1.50	7244B	596.3	1057.6	1100	1500	7244BDB	7244BDF	7244BDT	248.0	248.0	374.0	383.0	3.0	1.5	36.50
	460	88	176	5.00	2.00	7344C	871.6	1569.6	1900	2500	7344CDB	7344CDF	7344CDT	252.0	252.0	429.0	441.0	4.0	2.0	73.00
	460	88	176	5.00	2.00	7344AC	831.9	1505.6	1500	2000	7344ACDB	7344ACDF	7344ACDT	252.0	252.0	429.0	441.0	4.0	2.0	73.00
	460	88	176	5.00	2.00	7344B	729.2	1326.6	1100	1400	7344BDB	7344BDF	7344BDT	252.0	252.0	429.0	441.0	4.0	2.0	73.00
240	360	56	112	3.00	3.00	7048C	534.6	944.8	2100	2800	7048CDB	7048CDF	7048CDT	265.0	265.0	339.0	345.0	2.5	1.0	19.50
	360	56	112	3.00	3.00	7048AC	505.6	894.4	1800	2400	7048ACDB	7048ACDF	7048ACDT	265.0	265.0	339.0	345.0	2.5	1.0	19.50
	440	72	144	4.00	1.50	7248C	770.1	1450.6	1900	2600	7248CDB	7248CDF	7248CDT	269.0	269.0	413.0	422.0	3.0	1.5	50.50
	440	72	144	4.00	1.50	7248AC	730.3	1376.8	1600	2200	7248ACDB	7248ACDF	7248ACDT	269.0	269.0	413.0	422.0	3.0	1.5	50.50
	440	72	144	4.00	1.50	7248B	632.3	1202.8	1100	1400	7248BDB	7248BDF	7248BDT	269.0	269.0	413.0	422.0	3.0	1.5	50.50
	500	95	190	5.00	2.00	7348C	996.3	1894.0	1700	2200	7348CDB	7348CDF	7348CDT	273.0	273.0	468.0	480.0	4.0	2.0	92.30
	500	95	190	5.00	2.00	7348AC	950.9	1816.0	1400	1800	7348ACDB	7348ACDF	7348ACDT	273.0	273.0	468.0	480.0	4.0	2.0	92.30
	500	95	190	5.00	2.00	7348B	834.5	1602.0	980	1300	7348BDB	7348BDF	7348BDT	273.0	273.0	468.0	480.0	4.0	2.0	92.30

Angular Contact Bearing



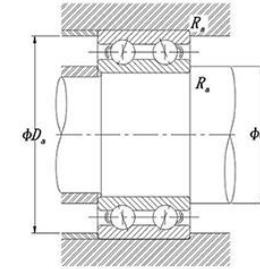
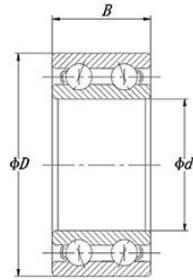
Ball screw support bearings
760

Contact angle $\alpha=60^\circ$



Main Dimensions (mm)					Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Installation related dimensions (mm)			Reference Quality (SIL) (kg)
d	D	B	2B	r _s (Min)	C _a	C _{oa}	Grease	Oil		d _a	D _a	R _{amax}	
12	32	10	20	0.60	11.60	12.50	8000	10000	760201	17.0	27.0	0.6	0.040
15	35	11	22	0.60	12.50	15.00	6000	8000	760202	20.5	30.0	0.6	0.050
17	40	12	24	0.60	16.60	20.00	6000	8000	760203	23.0	34.5	0.6	0.075
20	47	14	28	1.00	19.30	25.00	5000	6900	760204	27.5	39.5	1.0	0.120
	47	15	30	1.00	19.30	25.00	5000	6900	760204×2	27.5	39.5	1.0	0.130
	52	15	30	1.10	24.50	32.00	4500	6300	760304	30.5	43.5	1.1	0.170
25	52	15	30	1.00	22.00	30.50	4500	6300	760205	32.0	45.0	1.0	0.150
	62	15	30	1.00	28.50	41.50	3800	5300	760205×2	38.0	52.0	1.0	0.240
	62	17	34	1.10	28.50	41.50	3800	5300	760305	38.0	52.0	1.1	0.270
30	62	15	30	1.00	26.00	39.00	3800	5300	760206×2	39.5	52.5	1.0	0.220
	62	16	32	1.00	26.00	39.00	3800	5300	760206	39.5	52.5	1.0	0.230
	72	19	38	1.10	34.50	55.00	3200	4400	760206	45.0	61.0	1.1	0.400
35	72	15	30	1.00	30.00	50.00	3200	4400	760207×2	46.5	60.5	1.1	0.300
	72	17	34	1.10	30.00	50.00	3200	4400	760207	46.5	60.5	1.0	0.350
	80	21	42	1.50	36.50	61.00	3000	4200	760307	51.0	67.0	1.5	0.550
40	72	15	30	1.00	28.00	49.00	3000	4200	760208×3	49.0	62.5	1.1	0.260
	80	18	36	1.10	37.50	64.00	2800	3900	760208	53.5	69.5	1.1	0.450
	90	20	40	1.50	50.00	83.00	2600	3600	760208×2	56.5	75.5	1.5	0.650
	90	23	46	1.50	50.00	83.00	2600	3600	760308	56.5	75.5	1.5	0.750
45	75	15	30	1.00	28.50	52.00	2800	3900	760209×3	52.0	68.0	1.0	0.250
	85	19	38	1.10	38.00	68.00	2600	3600	760209	57.0	73.0	1.1	0.500
	100	20	40	1.50	58.50	104.00	2200	3100	760309×2	64.5	85.5	1.5	0.810
	100	25	50	1.50	58.50	104.00	2200	3100	760309	64.5	85.5	1.5	1.000
50	90	20	40	1.10	39.00	75.00	2400	3300	760210	63.0	79.0	1.1	0.550
	100	20	40	1.50	58.50	104.00	2200	3000	760210×1	64.5	85.5	1.5	0.750
	110	27	54	2.00	69.50	127.00	2000	2800	760310	72.0	94.0	2.0	1.300
55	100	21	42	1.50	40.50	81.50	2200	3000	760211	69.5	85.5	1.5	0.750
	120	20	40	2.00	60.00	116.00	1900	2600	760311×2	77.0	97.5	2.0	1.200
	120	29	58	2.00	78.00	146.00	1900	2600	760311	77.0	101.0	2.0	1.700
60	110	22	44	1.50	56.00	112.00	2000	2800	760212	77.0	96.0	1.5	0.950
	120	20	40	1.50	61.00	120.00	2000	2800	760212×3	79.5	100.5	1.5	1.100
	130	31	62	2.10	88.00	166.00	1800	2500	760312	82.5	107.5	2.1	2.100

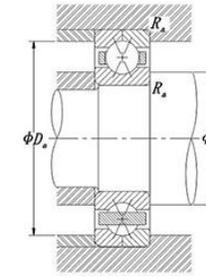
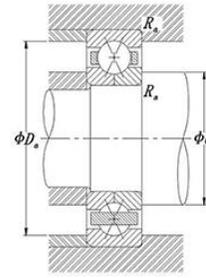
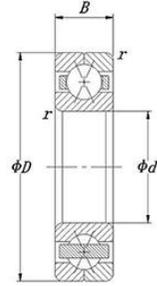
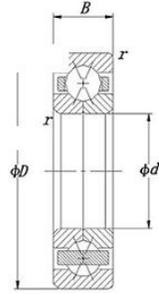
Angular Contact Bearing



d 25~100 mm

<i>d</i>	Main Dimensions (mm)			Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model	Installation related dimensions (mm)			Reference Quality (kg)
	<i>D</i>	<i>B</i>	<i>r</i> (Min)	<i>C_r</i>	<i>C_{0r}</i>	Grease	Oil		<i>d_s</i> Min	<i>D_s</i> Max	<i>R_a</i> Max	
25	52	20.6	1.0	21.6	14.3	7,300	9,800	3205	31.0	46.0	1.0	0.183
	62	25.4	1.1	32.0	20.4	6,700	8,900	3305	32.0	55.0	1.0	0.354
30	62	23.8	1.0	30.0	20.4	6,300	8,400	3206	36.0	56.0	1.0	0.303
	72	30.2	1.1	41.5	27.5	5,700	7,600	3306	37.0	65.0	1.0	0.558
35	72	27	1.1	40.0	28.0	5,500	7,400	3207	42.0	65.0	1.0	0.458
	80	34.9	1.5	52.0	35.5	5,000	6,600	3307	43.5	71.5	1.5	0.756
40	80	30.2	1.1	47.5	34.0	4,900	6,600	3208	47.0	73.0	1.0	0.627
	90	36.5	1.5	64.0	44.0	4,400	5,900	3308	48.5	81.5	1.5	1.030
45	85	30.2	1.1	51.0	39.0	4,400	5,900	3209	52.0	78.0	1.0	0.678
	100	39.7	1.5	75.0	53.0	4,000	5,300	3309	53.5	91.5	1.5	1.370
50	90	30.2	1.1	51.0	39.0	4,000	5,300	3210	57.0	83.0	1.0	0.698
	110	44.4	2.0	90.0	64.0	3,600	4,800	3310	60.0	100.0	2.0	1.980
55	100	33.3	1.5	60.0	47.5	3,600	4,900	3211	63.5	91.5	1.5	1.070
	120	49.2	2.0	112.0	81.5	3,300	4,400	3311	65.0	110.0	2.0	2.420
60	110	36.5	1.5	73.5	58.5	3,400	4,500	3212	68.5	101.5	1.5	1.340
	130	54	2.1	127.0	95.0	3,000	4,000	3312	72.0	118.0	2.0	3.070
65	120	38.1	1.5	80.6	73.5	3,100	4,200	3213	73.5	111.5	1.5	1.680
	140	58.7	2.1	146.0	110.0	2,800	3,700	3313	77.0	128.0	2.0	3.900
70	125	39.7	1.5	88.4	80.0	2,900	3,900	3214	78.5	116.5	1.5	1.840
	150	63.5	2.1	153.0	125.0	2,600	3,500	3314	82.0	138.0	2.0	5.200
75	130	41.3	1.5	95.6	88.0	2,700	3,600	3215	83.5	121.5	1.5	2.010
	160	68.3	2.1	176.0	140.0	2,400	3,200	3315	87.0	148.0	2.0	6.300
80	140	44.4	2.0	106.0	95.0	2,500	3,400	3216	90.0	130.0	2.0	2.710
85	150	49.2	2.0	124.0	110.0	2,400	3,200	3217	95.0	140.0	2.0	3.480
90	160	52.4	2.0	130.0	120.0	2,200	3,000	3218	100.0	150.0	2.0	4.240
95	170	55.6	2.1	159.0	146.0	2,100	2,800	3219	107.0	158.0	2.0	5.100
100	180	60.3	2.1	178.0	166.0	2,000	2,700	3220	112.0	168.0	2.0	5.880

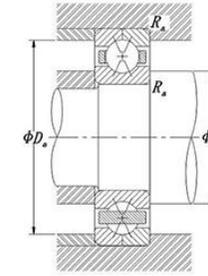
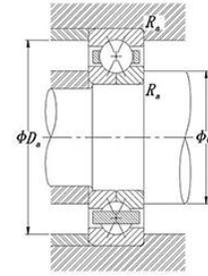
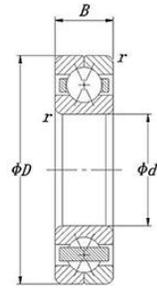
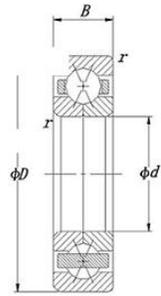
Angular Contact Bearing



d 30~90 mm

Main Dimensions (mm)				Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model		Installation related dimensions (mm)			Reference Quality (kg)
<i>d</i>	<i>D</i>	<i>B</i>	<i>r</i> _(Min)	<i>C</i> _r	<i>C</i> _{0r}	Grease	Oil	QJ	QJF	<i>d</i> _s Min	<i>D</i> _s Max	<i>R</i> _s Max	
30	62	16	1.0	35.1	28.5	12,000	19,000	QJ206	QJF206	36.0	56.0	1.0	0.240
	72	19	1.1	49.4	38.0	10,000	17,000	QJ306	QJF306	37.0	65.0	1.0	0.420
35	72	17	1.1	46.2	39.0	10,000	17,000	QJ207	QJF207	42.0	65.0	1.0	0.350
	80	21	1.5	59.2	46.5	9,500	15,000	QJ307	QJF307	43.5	71.5	1.5	0.570
40	80	18	1.1	52.7	45.0	9,000	15,000	QJ208	QJF208	47.0	73.0	1.0	0.450
	90	23	1.5	71.5	58.5	8,500	14,000	QJ308	QJF308	48.5	81.5	1.5	0.780
45	85	19	1.1	58.5	51.0	8,500	14,000	QJ209	QJF209	52.0	78.0	1.0	0.520
	100	25	1.5	93.6	76.5	7,500	12,000	QJ309	QJF309	53.5	91.5	1.5	1.050
50	90	20	1.1	61.8	56.0	7,500	13,000	QJ210	QJF210	57.0	83.0	1.0	0.603
	110	27	2.0	111.0	91.5	6,700	11,000	QJ310	QJF310	60.0	100.0	2.0	1.380
55	100	21	1.5	79.3	76.5	7,000	11,000	QJ211	QJF211	63.5	91.5	1.5	0.780
	120	29	2.0	127.0	108.0	6,000	10,000	QJ311	QJF311	65.0	110.0	2.0	1.760
60	110	22	1.5	92.3	86.5	6,300	10,000	QJ212	QJF212	68.5	101.5	1.5	0.987
	130	31	2.1	146.0	125.0	5,600	9,000	QJ312	QJF312	72.0	118.0	2.0	2.180
65	120	23	1.5	104.0	104.0	5,600	9,500	QJ213	QJF213	73.5	111.5	1.5	1.240
	140	33	2.1	165.0	144.0	5,300	8,500	QJ313	QJF313	77.0	128.0	2.0	2.700
70	125	24	1.5	114.0	114.0	5,600	9,000	QJ214	QJF214	78.5	116.5	1.5	1.360
	150	35	2.1	186.0	166.0	4,800	8,000	QJ314	QJF314	82.0	138.0	2.0	3.270
75	130	25	1.5	117.0	122.0	5,300	8,500	QJ215	QJF215	83.5	121.5	1.5	1.530
	160	37	2.1	199.0	186.0	4,500	7,500	QJ315	QJF315	87.0	148.0	2.0	3.900
80	140	26	2.0	138.0	146.0	4,800	8,000	QJ216	QJF216	90.0	130.0	2.0	1.830
	170	39	2.1	216.0	208.0	4,300	7,000	QJ316	QJF316	92.0	158.0	2.0	4.640
85	150	28	2.0	148.0	160.0	4,500	7,500	QJ217	QJF217	95.0	140.0	2.0	2.300
	180	41	3.0	234.0	236.0	4,000	6,700	QJ317	QJF317	99.0	166.0	2.5	5.430
90	160	30	2.0	174.0	186.0	4,300	7,000	QJ218	QJF218	100.0	150.0	2.0	2.760
	190	43	3.0	265.0	285.0	3,800	6,300	QJ318	QJF318	104.0	176.0	2.5	6.310

Angular Contact Bearing



d 95~200mm

d	Main Dimensions (mm)			Basic Rated Load (kN)		Limit Speed (r/min)		Nominal Model		Installation related dimensions (mm)			Reference Quality (kg)
	D	B	r (Min)	C _r	C _{0r}	Grease	Oil	QJ	QJF	d _s Min	D _s Max	R _s Max	
95	170	32	2.1	199.0	212.0	4,000	6,700	QJ219	QJF219	107.0	158.0	2.0	3.350
	200	45	3.0	286.0	315.0	3,600	6,000	QJ319	QJF319	109.0	186.0	2.5	7.410
100	180	34	2.1	225.0	240.0	3,800	6,300	QJ220	QJF220	112.0	168.0	2.0	4.020
	215	47	3.0	307.0	340.0	3,400	5,600	QJ320	QJF320	114.0	201.0	2.5	9.140
105	190	36	2.1	245.0	400.0	3,600	6,000	QJ201	QJF221	117.0	178.0	2.0	4.750
	225	49	3.0	350.0	570.0	3,200	5,600	QJ301	QJF321	119.0	211.0	2.5	10.4
110	200	38	2.1	265.0	305.0	3,400	5,600	QJ222	QJF222	122.0	188.0	2.0	5.620
	240	50	3.0	390.0	475.0	3,000	4,800	QJ322	QJF322	124.0	226.0	2.5	12.0
120	215	40	2.1	286.0	340.0	3,200	5,000	QJ224	QJF224	132.0	203.0	2.0	6.750
	260	55	3.0	390.0	490.0	2,800	4,500	QJ324	QJF324	134.0	246.0	2.5	15.90
130	230	40	3	296.0	365.0	2,800	4,800	QJ226	QJF226	144.0	216.0	2.5	7.700
	280	58	4	423.0	560.0	2,600	4,000	QJ326	QJF326	148.0	262.0	3.0	19.0
140	250	42	3	325.0	440.0	2,600	4,300	QJ228	QJF228	154.0	236.0	2.5	9.800
	300	62	4	468.0	640.0	2,400	3,800	QJ328	QJF328	158.0	282.0	3.0	24.0
150	270	45	3	337.0	530.0	2,400	4,000	QJ230	QJF230	164.0	256.0	2.5	12.0
	320	65	4	494.0	710.0	2,200	3,600	QJ330	QJF330	168.0	302.0	3.0	29.0
160	290	48	48	423.0	620.0	2,200	3,800	QJ232	QJF232	206.0	243.0	2.0	15.500
	340	68	68	540.0	815.0	2,000	3,400	QJ332	QJF332	224.0	276.0	2.0	34.500
170	310	52	52	436.0	670.0	2,200	3,400	QJ234	QJF234	221.0	258.0	2.0	19.500
	360	72	72	618.0	965.0	1,900	3,200	QJ334	QJF334	237.0	293.0	2.0	41.500
180	320	52	52	449.0	710.0	2,000	3,400	QJ236	QJF236	231.0	269.0	2.0	20.500
	380	75	75	637.0	1020.0	1,800	3,000	QJ336	QJF336	252.0	309.0	2.0	47.500
190	400	78	78	702.0	1160.0	1,700	2,800	QJ338	QJF338	263.0	326.0	2.0	49.000
	200	58	58	540.0	915.0	1,800	3,000	QJ240	QJF240	258.0	302.0	2.0	28.500

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YOU