

Angular contact ball bearing ▶ Single row type.Unpaired/Combination type.DB/DF Paired Economic type / Standard type / Imported Type



Please order according to the diagram

①~③ Select the type and parameters in the order of for ordering

Single row type

Model(①Code) — ②Bearing Model
YLEF — 7000

Combination type

Model(①Code) — ②Bearing Model — ③Combining form
YLEJ — 7000 — DB

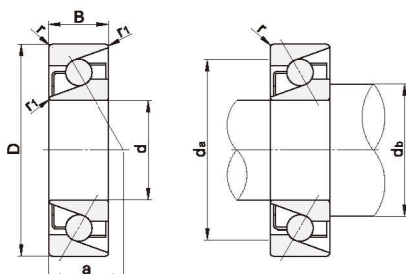


CAD 2D 3D

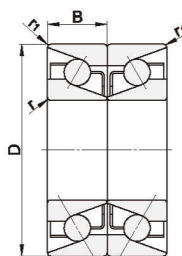
Code	Type	Bearing Type Code	Bearing accuracy	Bearing Material International	Equivalent	Contact angle (°)
YLED	Economic type		GB/T 307.1 0 Grade	GCr15	SUJ2	25
YLEK	Standard type	7	GB/T 307.1 5 Grade			
YLEF	Imported Type		JIS B 1514 0 Grade			
YLEG	Economic type		GB/T 307.1 5 Grade			
YLEH	Standard type	7	GB/T 307.1 5 Grade			
YLEJ	Imported Type		JIS B 1514 0 Grade			

① The bearing is not lubricated during production. Please apply lubrication before use.

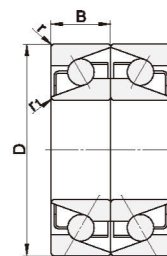
Single row type



Combination type -DB(Reverse side)



-DF(Front side)



Single row type

Model		d	D	B	r min	r1 min	Basic Rated Load		Allowable Rotational Speed	Action point	Installation size			Weight(g)
Code	Bearing Model						Cr(Dynamic)N	Cor(Static)N	rpm(Reference)	a	d _b min	d _a max	r1 max	(Reference)
YLED YLEK YLEF	7000	10	26	8	0.3	0.15	5.35	2.6	23200	9.2	12.5	23.5	0.3	23
	7200		30	9	0.6	0.3	5.4	2.71	22400	10.3	15	25	0.6	29
	7001	12	28	8	0.3	0.15	5.8	2.98	20800	9.8	14.5	25.5	0.3	25
	7201		32	10	0.6	0.3	8	4.05	20000	11.4	17	27	0.6	35
	7002	15		9	0.3	0.15	6.1	3.45	18400	11.3	17.5	29.5	0.3	
	7202		35	11	0.6	0.3	8.65	4.65	17600	12.7	20	30	0.6	46
	7003	17		10	0.3	0.15	6.4	3.8	16800	12.5	19.5	32.5	0.3	
	7203		40	12	0.6	0.3	10.8	6	15200	14.2	22	35		64
	7004	20		12	0.6	0.3	10.8	6.6	14400	14.9	25	37	0.6	80
	7204		47	14	1	0.6	14.5	8.3	13600	16.7	26	41	1	100
	7005	25		12	0.6	0.3	11.3	7.4	12800	16.4	30	42	0.6	93
	7205		52	15			16.2	10.3	11200	18.6	31	46		125
	7006	30		55	13	1	14.5	10.1	10400	18.8		49		135
	7206		62	16			22.5	14.8	9600	21.3	36	56		193
	7207	35		72	17	0.6	29.7	20.1	8000	23.9	42	65	1	287
	7208	40		80	18		35.5	25.1	7600	26.3	47	73		375
	7209	45		85	19	1.1	39.5	28.7	6800	28.3	52	78		411
	7210	50		90	20		41.5	31.5	6320	30.2	57	83		466

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Combination type

Model			d	D	B	r min	r1 min	Basic Rated Load		Allowable Rotational Speed rpm (Reference)	Action point a		Installation size						Weight (g) (Reference)	
Code	Bearing Model	Combining form						Cr(Dynamic) N	Cor(Static) N		DB	DF	DB			DF				
													d6 min	d6 max	f1 max	d6 min	d6 max	f1 max		
YLEG YLEH YLEJ	7000		10	26	8	0.3	0.15	8.75	5.2	18400	18.4	2.4	12.5	24.8	0.3	11.2	23.5	0.15	46	
	7200			30	9	0.6	0.3	8.8	5.4	17600	20.5	2.5	15	27.5	0.6	12.5	25	0.3	58	
	7001		12	28	8	0.3	0.15	9.4	5.95	16800	19.5	3.5	14.5	26.8	0.3	13.2	25.5	0.15	50	
	7201			32	10	0.6	0.3	13	8.05	16000	22.7	2.7	17	29.5	0.6	14.5	27	0.3	70	
	7002		15		9	0.3	0.15	9.95	6.85	14400	22.6	4.6	17.5	30.8	0.3	16.2	29.5	0.15	70	
	7202	DB (Reverse side)		35	11	0.6	0.3	14	9.3	13600	25.4	3.4	20	32.5	0.6	17.5	30	0.3	92	
	7003		17		10	0.3	0.15	10.4	7.65	13600	25	5	19.5	33.8	0.3	18.2	32.5	0.15	92	
	7203	DF (Front side)		40		12				12	12000	28.5	4.5	22	37.5		19.5	35		128
	7004		20	42	12	0.6	0.3	17.6		13.2	12000	29.9	5.9	25	39.5	0.6	22.5	37		160
	7204			47	14	1	0.6	23.5	16.6	10400	33.3	5.3	26	42	1	25	41	0.6	200	
	7005		25		12	0.6	0.3	18.3	14.8	9600	32.8	8.8	30	44.5	0.6	27.5	42	0.3	186	
	7205			52	15			26.3	20.5	8800	37.2	7.2	31	47		30	46		250	
	7006		30		55	13	1		23.6	20.2	8800	37.5	11.5	36	50		35	49	0.6	270
	7206			62	16			36.5	29.5	7840	42.6	10.6	36	57		56			386	
	7207		35	72	17		0.6	48.5	40	6800	47.9		42	67	1				574	
	7208	DB (Reverse side)	40	80	18		1.1		57.5	50.5	6000	52.6		47	75					750
	7209		45	85	19				64.5	57.5	5520	56.5		52	80					822
	7210		50	90	20				67	63	5040	60.4		57	85					932

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