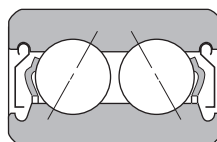
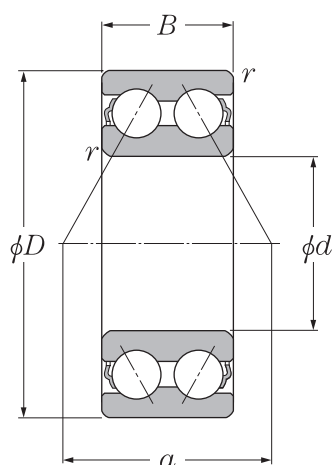
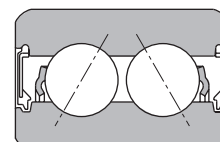


Double Row Angular Contact Ball Bearings

KYK



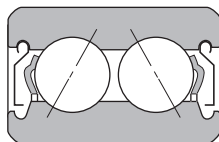
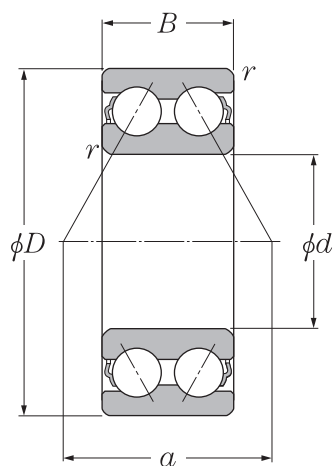
**Shielded type
(ZZ)**



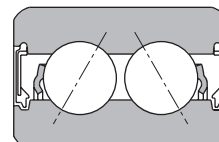
**Contact sealed type
(LLU)**

d 10~60mm

d	Boundary dimensions			Basic load ratings				Limiting speeds		Bearing numbers			Load center mm a	Mass kg (approx.)
	D	B	r _{s min}	dynamic C _r	static C _{or}	dynamic C _r	static C _{or}	grease min ⁻¹	oil min ⁻¹	open type	shielded type	sealed type		
mm														kgf
10	30	14.3	0.6	7.15	3.90	730	400	17 000	22 000	5200	ZZ	LLU	14.5	0.05
	12	32	15.9	0.6	10.5	5.80	1 070	590	15 000	20 000	5201	ZZ	LLU	16.7
15	35	15.9	0.6	11.7	7.05	1 190	715	13 000	17 000	5202	ZZ	LLU	18.3	0.07
	42	19.0	1.0	17.6	10.2	1 800	1 040	11 000	15 000	5302	ZZ	LLU	22.0	0.11
17	40	17.5	0.6	14.6	9.05	1 490	920	11 000	15 000	5203	ZZ	LLU	20.8	0.09
	47	22.2	1.0	21.0	12.6	2 140	1 280	10 000	13 000	5303	ZZ	LLU	25.0	0.14
20	47	20.6	1.0	19.6	12.4	2 000	1 270	10 000	13 000	5204	ZZ	LLU	24.3	0.12
	52	22.2	1.1	24.6	15.0	2 510	1 530	9 000	12 000	5304	ZZ	LLU	26.7	0.23
25	52	20.6	1	21.3	14.7	2 170	1 500	8 500	11 000	5205	ZZ	LLU	26.8	0.19
	62	25.4	1.1	32.5	20.7	3 350	2 110	7 500	10 000	5305	ZZ	LLU	31.8	0.34
30	62	23.8	1.0	29.6	21.1	3 000	2 150	7 100	9 500	5206	ZZ	LLU	31.6	0.29
	72	30.2	1.1	40.5	28.1	4 150	2 870	6 300	8 500	5306	ZZ	LLU	36.5	0.51
35	72	27.0	1.1	39.0	28.7	4 000	2 920	6 300	8 000	5207	ZZ	LLU	36.6	0.43
	80	34.9	1.5	51.0	36.0	5 200	3 700	5 600	7 500	5307	ZZ	LLU	41.6	0.79
40	80	30.2	1.1	44.0	33.5	4 500	3 400	5 600	7 100	5208	ZZ	LLU	41.5	0.57
	90	36.5	1.5	56.5	41.0	5 800	4 200	5 300	6 700	5308	ZZ	LLU	45.5	1.05
45	85	30.2	1.1	49.5	38.0	5 050	3 900	5 000	6 700	5209	ZZ	LLU	43.4	0.62
	100	39.7	1.5	68.5	51.0	7 000	5 200	4 500	6 000	5309	ZZ	LLU	50.6	1.40
50	90	30.2	1.1	53.0	43.5	5 400	4 400	4 800	6 000	5210	ZZ	LLU	45.9	0.67
	110	44.4	2	81.5	61.5	8 300	6 250	4 300	5 600	5310	ZZ	LLU	55.6	1.95
55	100	33.3	1.5	56.0	49.0	5 700	5 000	4 300	5 600	5211	ZZ	LLU	50.1	0.96
	120	49.2	2	95.0	73.0	9 700	7 450	3 800	5 000	5311	ZZ	LLU	60.6	2.30
60	110	36.5	1.5	69.0	62.0	7 150	6 300	3 800	5 000	5212	ZZ	LLU	56.5	1.35
	130	54.0	2.1	125.0	98.5	12 800	10 000	3 400	4 500	5312	ZZ	LLU	69.2	3.15



Shielded type
(ZZ)



Contact sealed type
(LLU)

d 65~75mm

d	Boundary dimensions			Basic load ratings				Limiting speeds		Bearing numbers			Load center mm a	Mass kg (approx.)
	mm			dynamic	static	dynamic	static	grease	oil	open type	shielded type	sealed type		
	D	B	r _{s min}	C _r	C _{or}	C _r	C _{or}							
65	120	38.1	1.5	76.5	69.0	7 800	7 050	3 600	4 500	5213	ZZ	LLU	59.7	1.65
	140	58.7	2.1	142.0	113.0	14 500	11 500	3 200	4 300	5313	ZZ	LLU	72.8	3.85
70	125	39.7	1.5	94.0	82.0	9 600	8 400	3 400	4 500	5214	ZZ	LLU	63.8	1.80
	150	63.5	2.1	159.0	128.0	16 200	13 100	3 000	3 800	5314	ZZ	LLU	78.3	4.90
75	130	41.3	1.5	93.5	83.0	9 550	8 500	3 200	4 300	5215	ZZ	LLU	66.1	1.90