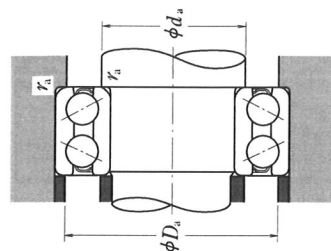
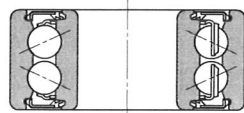
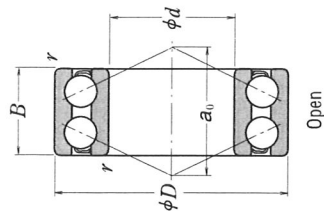


Bore Diameter 10 – 45 mm



Dynamic Equivalent Load
 $P = XF_r + YF_a$

$F_a/F_r \leq e$		$F_a/F_r > e$	
X	Y	X	Y
1	0.92	0.67	1.41

Static Equivalent Load
 $P_0 = F_r + 0.76 F_a$

Boundary Dimensions (mm)			Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)			Bearing Designations		Load Center Spacings (mm)	Abutment and Fillet Dimensions (mm)			Mass (kg)	
d	D	B	r mic.	C _i	C _{10r}	Grease ZZ	Open	Oil Open	Open	Shielded	Sealed	d _a min.	D _a max.	r _a max.	approx.
10	30	14.3	0.6	7 150	3 900	17 000	—	22 000	5200	—	—	15	25	0.6	0.050
	30	14.3	0.6	7 150	3 900	17 000	15 000	—	—	5200ZZ	5200DDU	14	26	0.6	0.050
12	32	15.9	0.6	10 500	5 800	15 000	—	20 000	5201	—	—	17	27	0.6	0.060
	32	15.9	0.6	8 500	5 300	15 000	12 000	—	—	5201BZZ	5201BDDU	16	28	0.6	0.060
15	35	15.9	0.6	11 700	7 050	13 000	—	17 000	5202	—	—	20	30	0.6	0.070
	35	15.9	0.6	8 500	5 300	13 000	12 000	—	—	5202BZZ	5202BDDU	19	31	0.6	0.070
	42	19	1	17 600	10 200	11 000	—	15 000	5302	—	—	21	36	1	0.13
	42	19	1	14 700	9 100	11 000	10 000	—	—	5302AZZ	5302ADDU	21	36	1	0.13
17	40	17.5	0.6	14 600	9 050	11 000	—	15 000	5203	—	—	22	35	0.6	0.10
	40	17.5	0.6	12 700	8 300	11 000	10 000	—	—	5203AZZ	5203ADDU	21	36	0.6	0.10
	47	22.2	1	21 000	12 600	10 000	—	13 000	5303	—	—	23	41	1	0.18
	47	22.2	1	19 600	12 400	10 000	9 500	—	—	5303AZZ	5303ADDU	23	41	1	0.18
20	47	20.6	1	19 600	12 400	10 000	—	13 000	5204	—	—	26	41	1	0.16
	47	20.6	1	15 900	10 700	10 000	9 000	—	—	5204AZZ	5204ADDU	26	41	1	0.16
	52	22.2	1.1	24 600	15 000	9 000	—	12 000	5304	—	—	27	45	1	0.22
	52	22.2	1.1	19 700	12 800	9 000	8 500	—	—	5304AZZ	5304ADDU	27	45	1	0.22
25	52	20.6	1	21 300	14 700	8 500	—	11 000	5205	—	—	31	46	1	0.18
	52	20.6	1	16 900	12 300	8 500	7 500	—	—	5205BZZ	5205BDDU	31	46	1	0.18
	62	25.4	1.1	32 500	20 700	7 500	—	10 000	5305	—	—	32	55	1	0.35
	62	25.4	1.1	25 200	18 200	7 500	6 300	—	—	5305AZZ	5305ADDU	32	55	1	0.36
30	62	23.8	1	29 600	21 100	7 100	—	9 500	5206	—	—	36	56	1	0.30
	62	23.8	1	25 200	18 200	7 100	6 300	—	—	5206BZZ	5206BDDU	36	56	1	0.30
	72	30.2	1.1	40 500	28 100	6 300	—	8 500	5306	—	—	37	65	1	0.57
	72	30.2	1.1	39 000	28 700	6 300	5 300	—	—	5306AZZ	5306ADDU	37	65	1	0.57
35	72	27	1.1	39 000	28 700	6 300	—	8 000	5207	—	—	42	65	1	0.46
	72	27	1.1	34 000	25 300	6 300	5 300	—	—	5207AZZ	5207ADDU	42	65	1	0.46
	80	34.9	1.5	51 000	36 000	5 600	—	7 500	5307	—	—	44	71	1.5	0.76
	80	34.9	1.5	44 000	33 500	5 600	4 800	—	—	5307AZZ	5307ADDU	44	71	1.5	0.79
40	80	30.2	1.1	44 000	33 500	5 600	—	7 100	5208	—	—	47	73	1	0.62
	80	30.2	1.1	36 500	29 000	5 600	4 800	—	—	5208AZZ	5208ADDU	47	73	1	0.63
	90	36.5	1.5	56 500	41 000	5 300	—	6 700	5308	—	—	49	81	1.5	1.03
	90	36.5	1.5	49 500	38 000	5 300	4 500	—	—	5308AZZ	5308ADDU	49	81	1.5	1.05
45	85	30.2	1.1	49 500	38 000	5 000	—	6 700	5209	—	—	52	78	1	0.67
	85	30.2	1.1	41 500	30 500	5 000	4 500	—	—	5209AZZ	5209ADDU	52	78	1	0.67