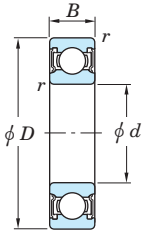
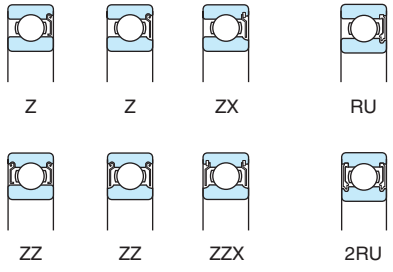
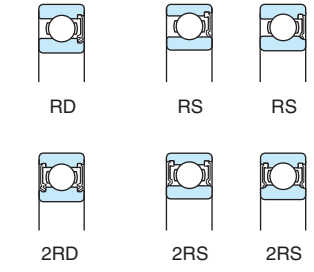
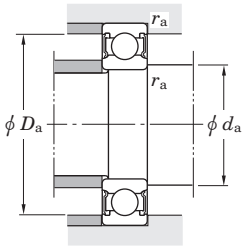
shielded type
sealed type
d (20) ~ 35 mm









Boundary dimensions (mm)				Basic load ratings (kN)		Fatigue load limit (kN)	Factor	Limiting speeds (min⁻¹) Grease lub.			Oil lub.	Bearing No.				Mounting dimensions. (mm)				(Refer.) Mass
d	D	B	r min.	C_r	C_{0r}	C_u	f_0	Z, ZZ RU, 2RU	(RD, 2RD)	(RS, 2RS)	(Z)	Shielded	Non-contact sealed	Extremely light contact sealed	Contact sealed	d_a min.	d_a max.	D_a max.	r_a max.	Open type (kg)
20	52	15	1.1	19.9	7.85	0.660	12.3	14 000	13 000	9 500	17 000	**6304 ZZ**	**6304 2RU**	**6304 2RD**	**6304 2RS**	26.5	27	45.5	1	0.144
22	44	12	0.6	11.7	5.15	0.350	14.1	17 000	15 000	9 900	20 000	**60/22 ZZ**	**60/22 2RU**	**60/22 2RD**	**60/22 2RS**	26	26.5	40	0.6	0.073
	50	14	1	16.0	6.65	0.510	13.2	15 000	14 000	9 700	17 000	**62/22 ZZ**	**62/22 2RU**	**62/22 2RD**	**62/22 2RS**	27	27	45	1	0.118
	56	16	1.1	23.1	9.40	0.770	12.6	13 000	12 000	8 600	15 000	**63/22 ZZ**	**63/22 2RU**	**63/22 2RD**	**63/22 2RS**	28.5	29	49.5	1	0.201
25	32	4	0.2	1.35	0.840	0.035	15.8	19 000	—	10 000	22 000	**6705 ZZ**	**6705 2RU**	—	**6705 2RS**	26.6	—	30.4	0.2	0.006
	37	7	0.3	5.40	2.95	0.120	16.0	18 000	—	10 000	21 000	**6805 ZZ**	**6805 2RU**	—	**6805 2RS**	27	27.5	35	0.3	0.022
	42	9	0.3	8.75	4.55	0.230	15.4	16 000	14 000	9 300	19 000	**6905 ZZ**	**6905 2RU**	**6905 2RD**	**6905 2RS**	27	29	40	0.3	0.041
	47	12	0.6	12.6	5.85	0.380	14.5	15 000	14 000	9 000	18 000	**6005 ZZ**	**6005 2RU**	**6005 2RD**	**6005 2RS**	29	29.5	43	0.6	0.080
	52	15	1	17.5	7.85	0.550	13.9	13 000	12 000	8 400	15 000	**6205 ZZ**	**6205 2RU**	**6205 2RD**	**6205 2RS**	30	31.5	47	1	0.128
	62	17	1.1	25.7	11.3	0.860	13.2	11 000	9 900	7 500	13 000	**6305 ZZ**	**6305 2RU**	**6305 2RD**	**6305 2RS**	31.5	34	55.5	1	0.232
28	52	12	0.6	15.6	7.40	0.480	14.5	14 000	13 000	8 100	16 000	**60/28 ZZ**	**60/28 2RU**	**60/28 2RD**	**60/28 2RS1**	32	33	48	0.6	0.097
	58	16	1	22.4	9.75	0.720	13.4	12 000	11 000	7 600	14 000	**62/28 ZZ**	**62/28 2RU**	**62/28 2RD**	**62/28 2RS**	33	35	53	1	0.173
	68	18	1.1	29.4	13.1	0.990	13.3	10 000	9 000	6 900	12 000	**63/28 ZZ**	**63/28 2RU**	**63/28 2RD**	**63/28 2RS**	34.5	37.5	61.5	1	0.328
30	37	4	0.2	1.45	0.950	0.040	15.7	16 000	—	8 800	19 000	**6706 ZZ**	**6706 2RU**	—	**6706 2RS**	31.6	—	35.4	0.2	0.008
	42	7	0.3	5.65	3.40	0.140	16.4	15 000	—	8 600	18 000	**6806 ZZ**	**6806 2RU**	—	**6806 2RS**	32	32.5	40	0.3	0.026
	47	9	0.3	9.05	5.00	0.260	15.8	14 000	13 000	8 200	17 000	**6906 ZZ**	**6906 2RU**	**6906 2RD**	**6906 2RS**	32	33	45	0.3	0.045
	55	13	1	16.5	8.25	0.530	14.7	13 000	12 000	7 500	15 000	**6006 ZZ**	**6006 2RU**	**6006 2RD**	**6006 2RS**	35	36	50	1	0.116
	62	16	1	24.3	11.3	0.800	13.9	11 000	9 900	7 000	13 000	**6206 ZZ**	**6206 2RU**	**6206 2RD**	**6206 2RS**	35	37.5	57	1	0.199
	72	19	1.1	33.3	15.0	1.15	13.3	9 600	8 600	6 400	12 000	**6306 ZZ**	**6306 2RU**	**6306 2RD**	**6306 2RS**	36.5	40	65.5	1	0.346
32	58	13	1	18.8	9.15	0.600	14.5	12 000	11 000	7 200	14 000	**60/32 ZZ**	**60/32 2RU**	**60/32 2RD**	**60/32 2RS**	37	38	53	1	0.127
	65	17	1	29.4	13.1	0.990	13.3	10 000	9 000	6 900	12 000	**62/32 ZZ**	**62/32 2RU**	**62/32 2RD**	**62/32 2RS**	37	38.5	60	1	0.228
	75	20	1.1	37.6	16.2	1.30	12.7	9 300	8 400	6 400	11 000	**63/32 ZZ**	**63/32 2RU**	**63/32 2RD**	**63/32 2RS**	38.5	41	68.5	1	0.437
35	47	7	0.3	5.95	3.85	0.160	16.5	13 000	—	7 400	16 000	**6807 ZZ**	**6807 2RU**	—	**6807 2RS**	37	37.5	45	0.3	0.030
	55	10	0.6	13.6	7.75	0.440	15.7	12 000	11 000	6 800	14 000	**6907 ZZ**	**6907 2RU**	**6907 2RD**	**6907 2RS**	39	40	51	0.6	0.073
	62	14	1	19.9	10.3	0.640	14.9	11 000	9 900	6 500	13 000	**6007 ZZ**	**6007 2RU**	**6007 2RD**	**6007 2RS**	40	42	58	1	0.155
	72	17	1.1	32.1	15.4	1.10	13.9	9 200	8 300	6 000	11 000	**6207 ZZ**	**6207 2RU**	**6207 2RD**	**6207 2RS**	41.5	43.5	65.5	1	0.288
	80	21	1.5	41.7	19.3	1.45	13.2	8 500	7 700	5 700	10 000	**6307 ZZ**	**6307 2RU**	**6307 2RD**	**6307 2RS**	43	46	72	1.5	0.457

[Remark] Standard cage types used for the above bearings are described earlier in this section.