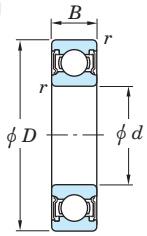
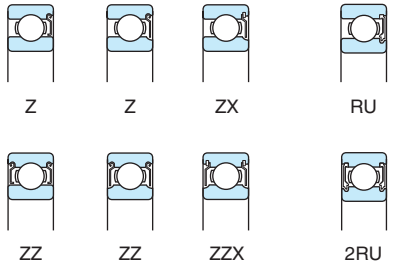
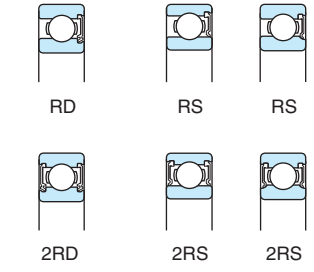
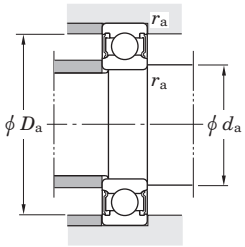
shielded type
sealed type
d (65) ~ (90) mm









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)
65	100	18	1.1	38.1	25.2	1.40	15.8	6 600	—	3 700	7 800	**6013 ZZ**	**6013 2RU**	—	**6013 2RS**	71.5	74.5	93.5	1	0.435
	120	23	1.5	71.5	40.1	2.65	14.4	5 400	—	3 500	6 400	**6213 ZZ**	**6213 2RU**	—	**6213 2RS**	73	79	112	1.5	0.990
	140	33	2.1	116	59.9	4.50	13.2	4 800	—	3 200	5 800	**6313 ZZ**	**6313 2RU**	—	**6313 2RS**	76	86	129	2	2.08
70	90	10	0.6	15.1	11.9	0.620	16.1	6 800	6 100	—	8 100	**6814 ZZ**	**6814 2RU**	**6814 2RD**	—	74	74	86	0.6	0.134
	100	16	1	29.7	21.2	1.10	16.3	6 400	5 800	3 600	7 600	**6914 ZZ**	**6914 2RU**	**6914 2RD**	**6914 2RS**	75	76.5	95	1	0.342
	110	20	1.1	47.6	30.9	1.80	15.6	6 100	—	3 500	7 200	**6014 ZZ**	**6014 2RU**	—	**6014 2RS**	76.5	79.5	103.5	1	0.602
	125	24	1.5	77.8	44.1	2.90	14.5	5 100	—	3 300	6 100	**6214 ZZ**	**6214 2RU**	—	**6214 2RS**	78	84	117	1.5	1.07
	150	35	2.1	130	68.2	4.95	13.2	4 500	—	3 000	5 400	**6314 ZZ**	**6314 2RU**	—	**6314 2RS**	81	92	139	2	2.52
75	95	10	0.6	15.7	12.9	0.660	16.0	6 400	5 800	—	7 600	**6815 ZZ**	**6815 2RU**	**6815 2RD**	—	79	79	91	0.6	0.142
	105	16	1	30.5	22.6	1.20	16.5	6 100	—	—	7 200	**6915 ZZ**	**6915 2RU**	—	—	80	82.5	100	1	0.363
	115	20	1.1	49.4	33.5	1.90	15.8	5 700	—	3 300	6 800	**6015 ZZ**	**6015 2RU**	—	**6015 2RS**	81.5	84.5	108.5	1	0.638
	130	25	1.5	84.3	48.3	3.10	14.5	4 800	—	3 100	5 800	**6215 ZZ**	**6215 2RU**	—	**6215 2RS**	83	88.5	122	1.5	1.18
	160	37	2.1	142	77.2	5.40	13.2	4 200	—	2 800	5 000	**6315 ZZ**	**6315 2RU**	—	**6315 2RS**	86	97.5	149	2	3.02
80	100	10	0.6	15.9	13.3	0.690	16.0	6 100	5 500	—	7 200	**6816 ZZ**	**6816 2RU**	**6816 2RD**	—	84	84	96	0.6	0.150
	110	16	1	31.2	24.0	1.25	16.6	5 700	5 100	3 200	6 800	**6916 ZZ**	**6916 2RU**	**6916 2RD**	**6916 2RS**	85	86.5	105	1	0.382
	125	22	1.1	59.5	39.8	2.25	15.6	5 300	—	3 100	6 300	**6016 ZZ**	**6016 2RU**	—	**6016 2RS**	86.5	90	118.5	1	0.850
	140	26	2	90.9	53.0	3.25	14.6	4 500	—	2 900	5 400	**6216 ZZ**	**6216 2RU**	—	**6216 2RS**	89	93	131	2	1.40
	170	39	2.1	154	86.7	5.85	13.3	3 900	—	2 700	4 700	**6316 ZZ**	**6316 2RU**	—	**6316 2RS**	91	105	159	2	3.59
85	110	13	1	23.4	19.0	0.980	16.2	5 600	5 000	—	6 600	**6817 ZZ**	**6817 2RU**	**6817 2RD**	—	90	90.5	105	1	0.266
	120	18	1.1	39.9	29.6	1.55	16.4	5 300	4 800	3 000	6 300	**6917 ZZ**	**6917 2RU**	**6917 2RD**	**6917 2RS**	91.5	92.5	113.5	1	0.535
	130	22	1.1	61.8	43.1	2.35	15.8	5 000	—	2 900	5 900	**6017 ZZ**	**6017 2RU**	—	**6017 2RS**	91.5	96.5	123.5	1	0.890
	150	28	2	105	61.9	3.70	14.5	4 200	—	2 700	5 000	**6217 ZZ**	**6217 2RU**	—	**6217 2RS**	94	102	141	2	1.79
	180	41	3	166	96.8	6.35	13.3	3 700	—	2 500	4 400	**6317 ZZX**	**6317 2RU**	—	**6317 2RS**	98	111	167	2.5	4.23
90	115	13	1	23.8	19.7	1.00	16.1	5 300	4 800	—	6 300	**6818 ZZ**	**6818 2RU**	**6818 2RD**	—	95	95.5	110	1	0.279
	125	18	1.1	41.0	31.6	1.60	16.5	5 100	4 600	2 800	6 000	**6918 ZZ**	**6918 2RU**	**6918 2RD**	**6918 2RS**	96.5	97.5	118.5	1	0.565
	140	24	1.5	72.8	49.7	2.65	15.6	4 700	—	2 700	5 600	**6018 ZZ**	**6018 2RU**	—	**6018 2RS**	98	100.5	132	1.5	1.16
	160	30	2	120	71.5	4.20	14.5	3 900	—	2 600	4 700	**6218 ZZ**	**6218 2RU**	—	**6218 2RS**	99	108.5	151	2	2.15

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