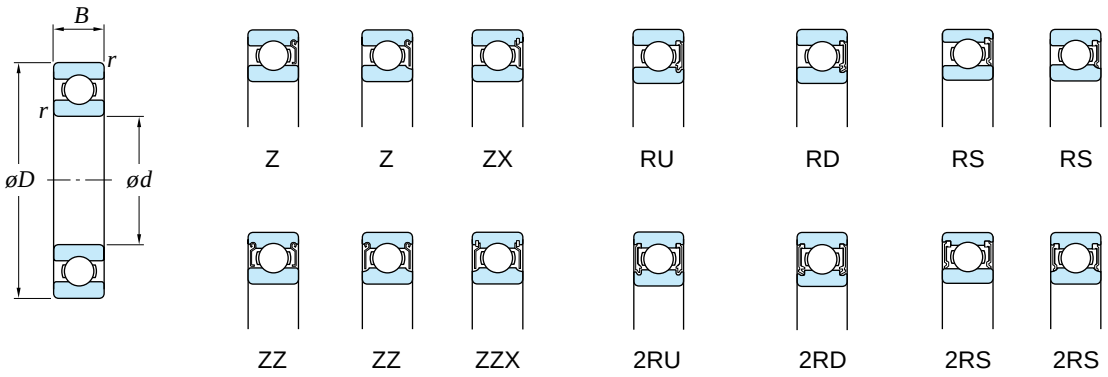
Single-row deep groove ball bearings

d 10 – 20 mm



Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speeds (min⁻¹) Grease lub.			Oil lub.	Bearing No.					(Refer.) Mass
d	*D*	*B*	*r* min.	C_r	C_{0r}	Open, Z, ZZ, RU, 2RU	(RD, 2RD)	(RS, 2RS)	Open, Z	Open	Shielded ZZ	Sealed 2RU	2RD	2RS	Open type (kg)
10	19	5	0.3	1.70	0.84	37 000	–	–	43 000	**6800**	**ZZ**	**–**	**–**	**–**	0.005
	22	6	0.3	2.70	1.25	34 000	–	–	41 000	**6900**	**ZZ**	**–**	**–**	**–**	0.010
	26	8	0.3	4.55	1.95	31 000	–	19 000	36 000	**6000**	**ZZ**	**2RU**	**–**	**2RS**	0.019
	30	9	0.6	5.10	2.40	24 000	–	16 000	29 000	**6200**	**ZZ**	**2RU**	**–**	**2RS**	0.032
	35	11	0.6	8.10	3.45	22 000	–	16 000	27 000	**6300**	**ZZ**	**2RU**	**–**	**2RS**	0.053
12	21	5	0.3	1.90	1.05	33 000	–	–	39 000	**6801**	**ZZ**	**2RU**	**–**	**–**	0.006
	24	6	0.3	2.90	1.45	31 000	–	–	36 000	**6901**	**ZZ**	**2RU**	**–**	**–**	0.011
	28	7	0.3	5.10	2.40	27 000	–	–	32 000	**16001**	**–**	**–**	**–**	**–**	0.024
	28	8	0.3	5.10	2.40	27 000	–	17 000	32 000	**6001**	**ZZ**	**2RU**	**–**	**2RS**	0.022
	32	10	0.6	6.80	3.05	22 000	20 000	15 000	27 000	**6201**	**ZZ**	**2RU**	**2RD**	**2RS**	0.037
	37	12	1	9.70	4.20	20 000	18 000	15 000	25 000	**6301**	**ZZ**	**2RU**	**2RD**	**2RS**	0.060
15	24	5	0.3	2.10	1.25	28 000	–	–	33 000	**6802**	**ZZ**	**2RU**	**–**	**–**	0.007
	28	7	0.3	4.30	2.25	26 000	–	–	30 000	**6902**	**ZZ**	**2RU**	**–**	**–**	0.017
	32	8	0.3	5.60	2.85	23 000	–	–	28 000	**16002**	**–**	**–**	**–**	**–**	0.025
	32	9	0.3	5.60	2.85	23 000	–	14 000	27 000	**6002**	**ZZ**	**2RU**	**–**	**2RS**	0.030
	35	11	0.6	7.65	3.75	20 000	18 000	13 000	24 000	**6202**	**ZZ**	**2RU**	**2RD**	**2RS**	0.045
	42	13	1	11.4	5.45	17 000	15 000	12 000	20 000	**6302**	**ZZ**	**2RU**	**2RD**	**2RS**	0.082
17	26	5	0.3	2.60	1.55	26 000	–	–	30 000	**6803**	**ZZ**	**2RU**	**–**	**–**	0.008
	30	7	0.3	4.60	2.55	23 000	–	–	28 000	**6903**	**ZZ**	**2RU**	**–**	**–**	0.018
	35	8	0.3	6.00	3.25	21 000	–	–	25 000	**16003**	**–**	**–**	**–**	**–**	0.032
	35	10	0.3	6.00	3.25	21 000	–	12 000	25 000	**6003**	**ZZ**	**2RU**	**–**	**2RS**	0.039
	40	12	0.6	9.55	4.80	17 000	15 000	12 000	21 000	**6203**	**ZZ**	**2RU**	**2RD**	**2RS**	0.065
	47	14	1	13.6	6.65	15 000	14 000	10 000	18 000	**6303**	**ZZ**	**2RU**	**2RD**	**2RS**	0.115
	62	17	1.1	20.7	9.85	13 000	–	–	15 000	**6403**	**–**	**–**	**–**	**–**	0.270
20	32	7	0.3	4.00	2.45	21 000	–	–	25 000	**6804**	**ZZ**	**2RU**	**–**	**–**	0.018
	37	9	0.3	6.35	3.70	19 000	–	–	23 000	**6904**	**ZZ**	**2RU**	**–**	**–**	0.036
	42	8	0.3	7.95	4.50	17 000	–	–	21 000	**16004**	**–**	**–**	**–**	**–**	0.050
	42	12	0.6	9.40	5.05	17 000	–	10 000	21 000	**6004**	**ZZ**	**2RU**	**–**	**2RS**	0.069
	47	14	1	12.8	6.65	15 000	14 000	9 700	17 000	**6204**	**ZZ**	**2RU**	**2RD**	**2RS**	0.106
	52	15	1.1	15.9	7.85	14 000	13 000	9 500	17 000	**6304**	**ZZ**	**2RU**	**2RD**	**2RS**	0.144
	72	19	1.1	31.0	15.2	11 000	–	–	13 000	**6404**	**–**	**–**	**–**	**–**	0.400

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

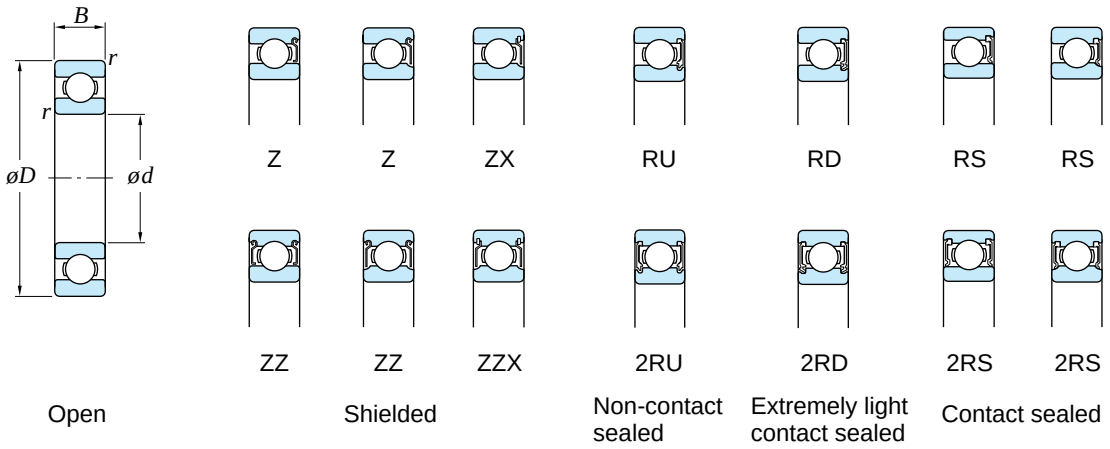
d 22 – 45 mm

Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speeds (min⁻¹)				Bearing No.					(Refer.) Mass
						Grease lub.			Oil lub.						
d	*D*	*B*	*r* min.	C_r	C_{0r}	Open Z, ZZ RU, 2RU	(RD, 2RD)	(RS, 2RS)	Open Z	Open	Shielded ZZ	Sealed 2RU	2RD	2RS	Open type (kg)
22	44	12	0.6	9.40	5.15	17 000	–	9 900	20 000	**60/22**	**–**	**–**	**–**	**2RS**	0.073
	50	14	1	12.8	6.65	15 000	–	9 700	17 000	**62/22**	**–**	**–**	**–**	**2RS**	0.118
	56	16	1.1	18.5	9.40	13 000	–	8 600	15 000	**63/22**	**–**	**–**	**–**	**2RS**	0.201
25	37	7	0.3	4.30	2.95	18 000	–	–	21 000	**6805**	**ZZ**	**2RU**	**–**	**–**	0.022
	42	9	0.3	7.00	4.55	16 000	–	–	19 000	**6905**	**ZZ**	**2RU**	**–**	**–**	0.041
	47	8	0.3	8.85	5.60	15 000	–	–	18 000	**16005**	**–**	**–**	**–**	**–**	0.060
	47	12	0.6	10.1	5.85	15 000	–	9 000	18 000	**6005**	**ZZ**	**2RU**	**–**	**2RS**	0.080
	52	15	1	14.0	7.85	13 000	12 000	8 400	15 000	**6205**	**ZZ**	**2RU**	**2RD**	**2RS**	0.128
	62	17	1.1	20.6	11.3	11 000	9 900	7 500	13 000	**6305**	**ZZ**	**2RU**	**2RD**	**2RS**	0.232
	80	21	1.5	36.1	19.4	9 100	–	–	11 000	**6405**	**–**	**–**	**–**	**–**	0.530
28	52	12	0.6	12.4	7.40	14 000	–	–	16 000	**60/28**	**ZZ**	**–**	**–**	**–**	0.097
	58	16	1	17.9	9.75	12 000	–	7 600	14 000	**62/28**	**ZZ**	**–**	**–**	**2RS**	0.173
	68	18	1.1	23.5	13.1	10 000	–	6 900	12 000	**63/28**	**ZZ**	**–**	**–**	**2RS**	0.328
30	42	7	0.3	4.55	3.40	15 000	–	–	18 000	**6806**	**ZZ**	**2RU**	**–**	**–**	0.026
	47	9	0.3	7.25	5.00	14 000	–	–	17 000	**6906**	**ZZ**	**2RU**	**–**	**–**	0.045
	55	9	0.3	11.2	7.35	13 000	–	–	15 000	**16006**	**–**	**–**	**–**	**–**	0.085
	55	13	1	13.2	8.25	13 000	–	7 500	15 000	**6006**	**ZZ**	**2RU**	**–**	**2RS**	0.116
	62	16	1	19.5	11.3	11 000	9 900	7 000	13 000	**6206**	**ZZ**	**2RU**	**2RD**	**2RS**	0.199
	72	19	1.1	26.7	15.0	9 600	8 600	6 400	12 000	**6306**	**ZZ**	**2RU**	**2RD**	**2RS**	0.346
	90	23	1.5	43.4	23.9	8 100	–	–	9 700	**6406**	**–**	**–**	**–**	**–**	0.735
32	58	13	1	15.0	9.15	12 000	–	7 200	14 000	**60/32**	**ZZ**	**–**	**–**	**2RS**	0.127
	65	17	1	23.5	13.1	10 000	–	6 900	12 000	**62/32**	**ZZ**	**–**	**–**	**2RS**	0.228
	75	20	1.1	30.1	16.2	9 300	–	6 400	11 000	**63/32**	**ZZ**	**–**	**–**	**2RS**	0.437
35	47	7	0.3	4.75	3.85	13 000	–	–	16 000	**6807**	**ZZ**	**2RU**	**–**	**–**	0.030
	55	10	0.6	10.9	7.75	12 000	–	–	14 000	**6907**	**ZZ**	**2RU**	**–**	**–**	0.073
	62	9	0.3	12.2	8.85	11 000	–	–	13 000	**16007**	**–**	**–**	**–**	**–**	0.110
	62	14	1	15.9	10.3	11 000	–	6 500	13 000	**6007**	**ZZ**	**2RU**	**–**	**2RS**	0.155
	72	17	1.1	25.7	15.4	9 200	8 300	6 000	11 000	**6207**	**ZZ**	**2RU**	**2RD**	**2RS**	0.288
	80	21	1.5	33.4	19.3	8 500	7 700	5 700	10 000	**6307**	**ZZ**	**2RU**	**2RD**	**2RS**	0.457
	100	25	1.5	55.0	31.0	7 200	–	–	8 600	**6407**	**–**	**–**	**–**	**–**	0.952
40	52	7	0.3	4.95	4.20	12 000	–	–	14 000	**6808**	**ZZ**	**2RU**	**–**	**–**	0.033
	62	12	0.6	13.7	9.95	11 000	–	–	13 000	**6908**	**ZZ**	**2RU**	**–**	**–**	0.112
	68	9	0.3	12.6	9.65	9 800	–	–	12 000	**16008**	**–**	**–**	**–**	**–**	0.125
	68	15	1	16.7	11.5	10 000	–	5 800	12 000	**6008**	**ZZ**	**2RU**	**–**	**2RS**	0.192
	80	18	1.1	29.1	17.8	8 300	7 500	5 400	10 000	**6208**	**ZZ**	**2RU**	**2RD**	**2RS**	0.366
	90	23	1.5	40.7	24.0	7 700	6 900	5 100	9 200	**6308**	**ZZ**	**2RU**	**2RD**	**2RS**	0.633
	110	27	2	63.7	36.6	6 600	–	–	7 900	**6408**	**–**	**–**	**–**	**–**	1.23
45	58	7	0.3	6.20	5.40	11 000	–	–	13 000	**6809**	**ZZ**	**2RU**	**–**	**–**	0.040
	68	12	0.6	14.1	10.9	9 700	–	–	11 000	**6909**	**ZZ**	**2RU**	**–**	**–**	0.132
	75	10	0.6	15.5	12.3	8 900	–	–	10 000	**16009**	**–**	**–**	**–**	**–**	0.170
	75	16	1	21.0	15.1	9 200	–	5 300	11 000	**6009**	**ZZ**	**2RU**	**–**	**2RS**	0.245
	85	19	1.1	32.7	20.3	7 700	6 900	5 100	9 200	**6209**	**ZZ**	**2RU**	**2RD**	**2RS**	0.407
	100	25	1.5	48.9	29.5	6 800	6 100	4 500	8 100	**6309**	**ZZ**	**2RU**	**2RD**	**2RS**	0.833
	120	29	2	77.2	45.1	6 000	–	–	7 200	**6409**	**–**	**–**	**–**	**–**	1.53

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

Single-row deep groove ball bearings

d 50 – (70) mm



Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speeds (min⁻¹) Grease lub.			Oil lub.	Bearing No.					(Refer.) Mass
d	*D*	*B*	*r* min.	C_r	C_{0r}	Open, Z, ZZ, RU, 2RU	(RD, 2RD)	(RS, 2RS)	Open, Z	Open	Shielded ZZ	Sealed 2RU	2RD	2RS	Open type (kg)
50	65	7	0.3	6.60	6.10	9 600	–	–	11 000	**6810**	**ZZ**	**2RU**	**–**	**–**	0.052
	72	12	0.6	14.5	11.7	9 000	–	–	11 000	**6910**	**ZZ**	**2RU**	**–**	**–**	0.133
	80	10	0.6	16.0	13.3	8 200	–	–	9 700	**16010**	**–**	**–**	**–**	**–**	0.180
	80	16	1	21.8	16.6	8 400	–	4 800	9 900	**6010**	**ZZ**	**2RU**	**–**	**2RS**	0.261
	90	20	1.1	35.1	23.3	7 100	6 400	4 600	8 500	**6210**	**ZZ**	**2RU**	**2RD**	**2RS**	0.463
	110	27	2	62.0	38.3	6 100	5 500	4 100	7 300	**6310**	**ZZ**	**2RU**	**2RD**	**2RS**	1.07
	130	31	2.1	83.0	49.5	5 500	–	–	6 600	**6410**	**–**	**–**	**–**	**–**	1.88
55	72	9	0.3	8.80	8.10	8 700	–	–	10 000	**6811**	**ZZ**	**2RU**	**–**	**–**	0.083
	80	13	1	16.6	14.1	8 100	–	–	9 600	**6911**	**ZZ**	**2RU**	**–**	**–**	0.185
	90	11	0.6	19.3	16.3	7 400	–	–	8 800	**16011**	**–**	**–**	**–**	**–**	0.260
	90	18	1.1	28.3	21.2	7 600	–	4 300	8 900	**6011**	**ZZ**	**2RU**	**–**	**2RS**	0.385
	100	21	1.5	43.4	29.4	6 300	–	4 100	7 600	**6211**	**ZZ**	**2RU**	**–**	**2RS**	0.607
	120	29	2	71.6	45.0	5 600	–	3 700	6 700	**6311**	**ZZ**	**2RU**	**–**	**2RS**	1.37
	140	33	2.1	100	62.3	5 000	–	–	6 000	**6411**	**–**	**–**	**–**	**–**	2.29
60	78	10	0.3	11.5	10.6	8 000	–	–	9 400	**6812**	**ZZ**	**2RU**	**–**	**–**	0.104
	85	13	1	20.2	17.3	7 500	–	–	8 900	**6912**	**ZZ**	**2RU**	**–**	**–**	0.192
	95	11	0.6	19.8	17.6	6 900	–	–	8 100	**16012**	**–**	**–**	**–**	**–**	0.280
	95	18	1.1	29.4	23.2	7 100	–	4 000	8 400	**6012**	**ZZ**	**2RU**	**–**	**2RS**	0.415
	110	22	1.5	52.4	36.2	5 700	–	3 700	6 900	**6212**	**ZZ**	**2RU**	**–**	**2RS**	0.783
	130	31	2.1	81.9	52.2	5 200	–	3 500	6 200	**6312**	**ZZ**	**2RU**	**–**	**2RS**	1.70
	150	35	2.1	110	70.8	4 600	–	–	5 500	**6412**	**–**	**–**	**–**	**–**	2.77
65	85	10	0.6	11.9	11.5	7 300	–	–	8 600	**6813**	**ZZ**	**2RU**	**–**	**–**	0.126
	90	13	1	17.4	16.1	7 100	–	–	8 400	**6913**	**ZZ**	**2RU**	**–**	**–**	0.211
	100	11	0.6	17.1	16.0	6 600	–	–	7 800	**16013**	**–**	**–**	**–**	**–**	0.300
	100	18	1.1	30.5	25.2	6 600	–	3 700	7 800	**6013**	**ZZ**	**2RU**	**–**	**2RS**	0.435
	120	23	1.5	57.2	40.1	5 400	–	3 500	6 400	**6213**	**ZZ**	**2RU**	**–**	**2RS**	0.990
	140	33	2.1	92.7	59.9	4 800	–	3 200	5 800	**6313**	**ZZ**	**2RU**	**–**	**2RS**	2.08
	160	37	2.1	118	79.2	4 300	–	–	5 200	**6413**	**–**	**–**	**–**	**–**	3.30
70	90	10	0.6	12.1	11.9	6 800	–	–	8 100	**6814**	**ZZ**	**2RU**	**–**	**–**	0.134
	100	16	1	23.7	21.2	6 400	–	–	7 600	**6914**	**ZZ**	**2RU**	**–**	**–**	0.342
	110	13	0.6	30.1	25.6	6 100	–	–	7 200	**16014**	**–**	**–**	**–**	**–**	0.433
	110	20	1.1	38.1	30.9	6 100	–	3 500	7 200	**6014**	**ZZ**	**2RU**	**–**	**2RS**	0.602

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

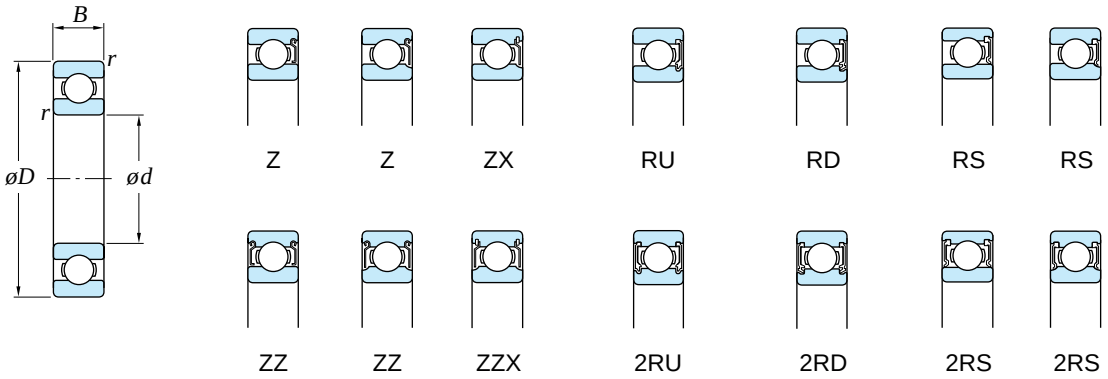
d (70) – 105 mm

Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speeds (min⁻¹) Grease lub.			Oil lub.	Bearing No.					(Refer.) Mass
d	*D*	*B*	*r* min.	C_r	C_{0r}	Open Z, ZZ RU, 2RU	(RD, 2RD)	(RS, 2RS)	Open Z	Open	Shielded ZZ	Sealed 2RU	2RD	2RS	Open type (kg)
70	125	24	1.5	62.2	44.1	5 100	–	3 300	6 100	**6214**	**ZZ**	**2RU**	**–**	**2RS**	1.07
	150	35	2.1	104	68.2	4 500	–	3 000	5 400	**6314**	**ZZ**	**2RU**	**–**	**2RS**	2.52
	180	42	3	144	104	3 900	–	–	4 600	**6414**	**–**	**–**	**–**	**–**	4.83
75	95	10	0.6	12.5	12.9	6 400	–	–	7 600	**6815**	**ZZ**	**2RU**	**–**	**–**	0.142
	105	16	1	24.4	22.6	6 100	–	–	7 200	**6915**	**ZZ**	**2RU**	**–**	**–**	0.363
	115	13	0.6	27.5	25.3	5 700	–	–	6 700	**16015**	**–**	**–**	**–**	**–**	0.457
	115	20	1.1	39.6	33.5	5 700	–	3 300	6 800	**6015**	**ZZ**	**2RU**	**–**	**2RS**	0.638
	130	25	1.5	67.4	48.3	4 800	–	3 100	5 800	**6215**	**ZZ**	**2RU**	**–**	**2RS**	1.18
	160	37	2.1	113	77.2	4 200	–	2 800	5 000	**6315**	**ZZ**	**2RU**	**–**	**2RS**	3.02
	190	45	3	154	115	3 600	–	–	4 400	**6415**	**–**	**–**	**–**	**–**	5.87
80	100	10	0.6	12.7	13.3	6 100	–	–	7 200	**6816**	**ZZ**	**2RU**	**–**	**–**	0.150
	110	16	1	25.0	24.0	5 700	–	–	6 800	**6916**	**ZZ**	**2RU**	**–**	**–**	0.382
	125	14	0.6	31.7	29.7	5 200	–	–	6 100	**16016**	**–**	**–**	**–**	**–**	0.597
	125	22	1.1	47.6	39.8	5 300	–	3 100	6 300	**6016**	**ZZ**	**–**	**–**	**2RS**	0.850
	140	26	2	72.7	53.0	4 500	–	2 900	5 400	**6216**	**ZZ**	**–**	**–**	**2RS**	1.40
	170	39	2.1	123	86.7	3 900	–	2 700	4 700	**6316**	**ZZ**	**–**	**–**	**2RS**	3.59
	200	48	3	164	125	3 400	–	–	4 100	**6416**	**–**	**–**	**–**	**–**	6.84
85	110	13	1	18.7	19.0	5 600	–	–	6 600	**6817**	**ZZ**	**2RU**	**–**	**–**	0.266
	120	18	1.1	31.9	29.6	5 300	–	–	6 300	**6917**	**ZZ**	**2RU**	**–**	**–**	0.535
	130	14	0.6	32.6	31.7	4 900	–	–	5 800	**16017**	**–**	**–**	**–**	**–**	0.626
	130	22	1.1	49.5	43.1	5 000	–	2 900	5 900	**6017**	**ZZ**	**–**	**–**	**2RS**	0.890
	150	28	2	84.0	61.9	4 200	–	2 700	5 000	**6217**	**ZZ**	**–**	**–**	**2RS**	1.79
	180	41	3	133	96.8	3 700	–	2 500	4 400	**6317**	**ZZX**	**–**	**–**	**2RS**	4.23
	210	52	4	173	136	3 300	–	–	3 900	**6417**	**–**	**–**	**–**	**–**	8.07
90	115	13	1	19.0	19.7	5 300	–	–	6 300	**6818**	**ZZ**	**2RU**	**–**	**–**	0.279
	125	18	1.1	32.8	31.6	5 100	–	–	6 000	**6918**	**ZZ**	**2RU**	**–**	**–**	0.565
	140	16	1	39.9	37.0	4 700	–	–	5 600	**16018**	**–**	**–**	**–**	**–**	0.848
	140	24	1.5	58.2	49.7	4 700	–	2 700	5 600	**6018**	**ZZ**	**–**	**–**	**2RS**	1.16
	160	30	2	96.1	71.5	3 900	–	2 600	4 700	**6218**	**ZZ**	**–**	**–**	**2RS**	2.15
	190	43	3	143	107	3 500	–	2 400	4 200	**6318**	**ZZX**	**–**	**–**	**2RS**	4.91
	225	54	4	184	149	3 100	–	–	3 700	**6418**	**–**	**–**	**–**	**–**	9.78
95	130	18	1.1	33.7	33.5	4 800	–	–	5 700	**6919**	**ZZ**	**2RU**	**–**	**–**	0.705
	145	16	1	41.2	39.6	4 500	–	–	5 300	**16019**	**–**	**–**	**–**	**–**	0.885
	145	24	1.5	60.4	53.9	4 400	–	2 500	5 200	**6019**	**ZZX**	**2RU**	**–**	**2RS**	1.21
	170	32	2.1	109	81.9	3 700	–	2 400	4 400	**6219**	**ZZX**	**–**	**–**	**2RS**	2.62
	200	45	3	153	119	3 300	–	2 200	4 000	**6319**	**ZZX**	**–**	**–**	**2RS**	5.67
100	125	13	1	19.6	21.2	4 800	–	–	5 700	**6820**	**ZZ**	**2RU**	**–**	**–**	0.309
	140	20	1.1	45.0	41.9	4 500	–	–	5 300	**6920**	**ZZ**	**2RU**	**–**	**–**	0.960
	150	16	1	42.4	42.1	4 300	–	–	5 100	**16020**	**–**	**–**	**–**	**–**	0.910
	150	24	1.5	60.2	54.2	4 300	–	2 500	5 100	**6020**	**ZZ**	**–**	**–**	**2RS**	1.25
	180	34	2.1	122	93.1	3 500	–	2 300	4 200	**6220**	**ZZX**	**–**	**–**	**2RS**	3.14
	215	47	3	173	141	3 000	–	2 100	3 600	**6320**	**ZZX**	**–**	**–**	**2RS**	7.00
105	145	20	1.1	46.5	44.8	4 300	–	–	5 100	**6921**	**ZZ**	**–**	**–**	**–**	1.00
	160	18	1	41.9	42.2	4 100	–	–	4 800	**16021**	**–**	**–**	**–**	**–**	1.20
	160	26	2	72.3	65.8	4 000	–	2 300	4 700	**6021**	**ZZX**	**–**	**–**	**2RS**	1.59
	190	36	2.1	133	105	3 300	–	2 200	3 900	**6221**	**ZZX**	**–**	**–**	**2RS**	3.70
	225	49	3	184	153	2 900	–	2 000	3 500	**6321**	**ZZX**	**–**	**–**	**2RS**	8.05

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

Single-row deep groove ball bearings

d 110 – (160) mm



Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speeds (min⁻¹) Grease lub.			Oil lub.	Bearing No.					(Refer.) Mass
d	*D*	*B*	*r* min.	C_r	C_{0r}	Open, Z, ZZ, RU, 2RU	(RD, 2RD)	(RS, 2RS)	Open, Z	Open	Shielded ZZ	Sealed 2RU	2RD	2RS	Open type (kg)
110	140	16	1	28.1	30.7	4 300	–	–	5 100	**6822**	**ZZ**	**–**	**–**	**–**	0.606
	150	20	1.1	47.9	47.8	4 100	–	–	4 900	**6922**	**ZZ**	**–**	**–**	**–**	1.04
	170	19	1	57.5	56.7	3 800	–	–	4 500	**16022**	**–**	**–**	**–**	**–**	1.46
	170	28	2	82.0	73.0	3 800	–	2 200	4 500	**6022**	**ZZX**	**–**	**–**	**2RS**	1.96
	200	38	2.1	144	117	3 100	–	2 000	3 700	**6222**	**ZZX**	**–**	**–**	**2RS**	4.36
	240	50	3	205	180	2 700	–	1 900	3 200	**6322**	**ZZX**	**–**	**–**	**2RS**	9.54
120	150	16	1	29.0	33.0	4 000	–	–	4 700	**6824**	**ZZ**	**–**	**–**	**–**	0.655
	165	22	1.1	57.2	56.9	3 800	–	–	4 400	**6924**	**ZZ**	**–**	**–**	**–**	1.41
	180	19	1	63.2	63.3	3 600	–	–	4 200	**16024**	**–**	**–**	**–**	**–**	1.80
	180	28	2	85.0	79.3	3 600	–	2 100	4 200	**6024**	**ZZX**	**–**	**–**	**2RS**	2.07
	215	40	2.1	155	131	2 900	–	1 900	3 400	**6224**	**ZZX**	**–**	**–**	**2RS**	5.15
	260	55	3	207	185	2 500	–	–	3 000	**6324**	**ZZX**	**–**	**–**	**–**	12.5
130	165	18	1.1	36.9	41.2	3 600	–	–	4 300	**6826**	**–**	**–**	**–**	**–**	0.939
	180	24	1.5	69.6	70.0	3 400	–	–	4 100	**6926**	**–**	**–**	**–**	**–**	1.86
	200	22	1.1	71.3	74.8	3 000	–	–	3 600	**16026**	**–**	**–**	**–**	**–**	2.69
	200	33	2	106	101	3 200	–	1 900	3 800	**6026**	**ZZX**	**–**	**–**	**2RS**	3.16
	230	40	3	167	146	2 700	–	1 800	3 200	**6226**	**ZZX**	**–**	**–**	**2RS**	5.82
	280	58	4	229	214	2 300	–	–	2 700	**6326**	**ZZX**	**–**	**–**	**–**	15.1
140	175	18	1.1	38.2	44.4	3 400	–	–	4 000	**6828**	**–**	**–**	**–**	**–**	1.00
	190	24	1.5	71.3	74.8	3 200	–	–	3 800	**6928**	**–**	**–**	**–**	**–**	1.98
	210	22	1.1	65.8	71.1	2 900	–	–	3 400	**16028**	**–**	**–**	**–**	**–**	2.86
	210	33	2	110	109	3 000	–	1 800	3 600	**6028**	**ZZX**	**–**	**–**	**2RS**	3.55
	250	42	3	166	150	2 400	–	1 600	2 900	**6228**	**ZZX**	**–**	**–**	**2RS**	7.45
	300	62	4	253	246	2 100	–	–	2 500	**6328**	**ZZX**	**–**	**–**	**–**	19.4
150	190	20	1.1	47.8	54.9	3 100	–	–	3 700	**6830**	**–**	**–**	**–**	**–**	1.40
	210	28	2	93.4	94.3	2 900	–	–	3 400	**6930**	**–**	**–**	**–**	**–**	3.05
	225	24	1.1	91.2	99.3	2 700	–	–	3 100	**16030**	**–**	**–**	**–**	**–**	3.58
	225	35	2.1	125	126	2 800	–	1 600	3 300	**6030**	**ZZX**	**–**	**–**	**2RS**	4.22
	270	45	3	176	168	2 200	–	–	2 700	**6230**	**ZZX**	**–**	**–**	**–**	9.41
	320	65	4	275	284	1 900	–	–	2 300	**6330**	**–**	**–**	**–**	**–**	26.2
160	200	20	1.1	48.4	56.9	2 900	–	–	3 400	**6832**	**–**	**–**	**–**	**–**	1.45
	220	28	2	96.1	101	2 700	–	–	3 200	**6932**	**–**	**–**	**–**	**–**	3.20
	240	25	1.5	98.8	108	2 600	–	–	3 100	**16032**	**–**	**–**	**–**	**–**	4.25

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

d (160) – 200 mm

Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speeds (min⁻¹) Grease lub.			Oil lub.	Bearing No.					(Refer.) Mass
d	*D*	*B*	*r* min.	C_r	C_{0r}	Open Z, ZZ RU, 2RU	(RD, 2RD)	(RS, 2RS)	Open Z	Open	Shielded ZZ	Sealed 2RU	2RD	2RS	Open type (kg)
160	240	38	2.1	136	135	2 600	–	1 500	3 000	**6032**	**ZZX**	**–**	**–**	**2RS**	5.22
	290	48	3	185	186	2 100	–	–	2 500	**6232**	**ZZX**	**–**	**–**	**–**	14.3
	340	68	4	278	286	1 800	–	–	2 200	**6332**	**–**	**–**	**–**	**–**	29.0
170	215	22	1.1	59.8	70.5	2 700	–	–	3 200	**6834**	**–**	**–**	**–**	**–**	1.90
	230	28	2	98.8	108	2 600	–	–	3 100	**6934**	**–**	**–**	**–**	**–**	3.35
	260	28	1.5	114	127	2 300	–	–	2 700	**16034**	**–**	**–**	**–**	**–**	5.75
	260	42	2.1	161	161	2 400	–	–	2 800	**6034**	**ZZX**	**–**	**–**	**–**	6.80
	310	52	4	212	223	1 900	–	–	2 300	**6234**	**ZZX**	**–**	**–**	**–**	17.5
	360	72	4	326	355	1 700	–	–	2 000	**6334**	**–**	**–**	**–**	**–**	38.6
180	225	22	1.1	60.7	73.1	2 600	–	–	3 000	**6836**	**–**	**–**	**–**	**–**	2.00
	250	33	2	123	129	2 400	–	–	2 800	**6936**	**–**	**–**	**–**	**–**	4.90
	280	31	2	135	148	2 100	–	–	2 500	**16036**	**–**	**–**	**–**	**–**	7.55
	280	46	2.1	182	194	2 200	–	–	2 600	**6036**	**ZZX**	**–**	**–**	**–**	10.3
	320	52	4	227	241	1 800	–	–	2 200	**6236**	**ZZX**	**–**	**–**	**–**	18.3
	380	75	4	354	407	1 600	–	–	1 900	**6336**	**–**	**–**	**–**	**–**	44.7
190	240	24	1.5	73.1	88.1	2 400	–	–	2 800	**6838**	**–**	**–**	**–**	**–**	2.60
	260	33	2	126	138	2 300	–	–	2 700	**6938**	**–**	**–**	**–**	**–**	5.20
	290	31	2	139	158	2 000	–	–	2 400	**16038**	**–**	**–**	**–**	**–**	7.85
	290	46	2.1	188	201	2 100	–	–	2 500	**6038**	**ZZX**	**–**	**–**	**–**	10.8
	340	55	4	255	281	1 700	–	–	2 000	**6238**	**–**	**–**	**–**	**–**	23.0
	400	78	5	355	415	1 500	–	–	1 800	**6338**	**–**	**–**	**–**	**–**	51.5
200	250	24	1.5	78.0	93.6	2 300	–	–	2 700	**6840**	**–**	**–**	**–**	**–**	2.70
	280	38	2.1	157	168	2 100	–	–	2 500	**6940**	**–**	**–**	**–**	**–**	7.30
	310	34	2	161	180	1 900	–	–	2 300	**16040**	**–**	**–**	**–**	**–**	10.1
	310	51	2.1	217	243	1 900	–	–	2 300	**6040**	**ZZX**	**–**	**–**	**–**	14.0
	360	58	4	269	311	1 600	–	–	1 900	**6240**	**ZZX**	**–**	**–**	**–**	28.2
	420	80	5	411	506	1 300	–	–	1 600	**6340**	**–**	**–**	**–**	**–**	58.0

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