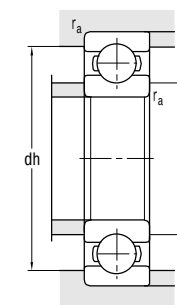
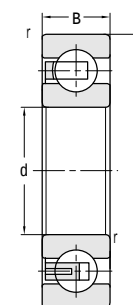
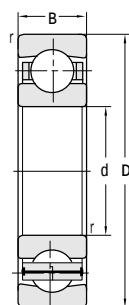
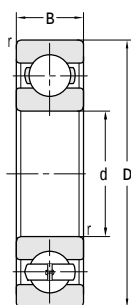


Deep Groove Ball Bearing

ZWZ

d 10–26 mm



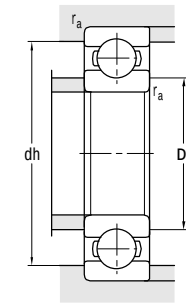
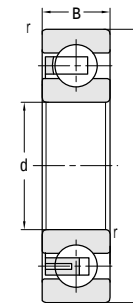
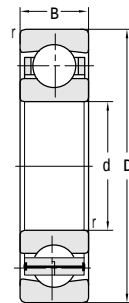
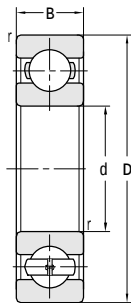
Principal dimensions				Basic load ratings		Limit speed ratings	
d	D	B	r _{min}	C _r	C _{or}	Grease	Oil
mm				kN		r/min	
10	30	9	0.6	6.50	3.00	24000	30000
12	32	10	0.6	6.50	3.00	22000	28000
15	35	11	0.6	8.00	4.00	19000	24000
17	40	12	0.6	9.10	5.00	17000	20000
	47	14	1	13.6	6.60	16000	19000
	47	14	1	13.6	6.60	16000	19000
	47	14	1	13.6	6.60	16000	19000
20	47	14	1	13.0	6.70	15000	18000
	47	14	1	13.0	6.70	15000	18000
	62	16	1	18.2	10.0	13000	16000
22	56	16	1.1	17.8	9.25	13000	16000
23	52	13	1	17.7	9.35	13000	16000
	56	15	1	18.5	9.30	12000	15000
	56	15	1	18.5	9.30	12000	15000
25	37	7	0.3	4.2	2.64	16000	19000
	42	9	0.3	7.30	4.55	16000	19000
	42	9	0.3	7.30	4.55	16000	19000
	47	12	0.6	11.4	6.28	15000	18000
	47	8	0.3	8.00	5.00	14000	17000
	47	12	0.6	10.0	5.85	14000	17000
	52	15	1	14.3	8.00	12000	15000
	52	15	1	14.3	8.00	12000	15000
	52	18	1	14.0	7.90	12000	15000
	62	17	1.1	22.4	11.5	11000	14000
	62	17	1.1	22.4	11.5	15000	19000
	68	18	1.1	26.3	12.9	11000	14000
	80	21	1.5	37.5	19.0	9000	11000
26	68	19.5	2	40.3	17.0	9500	12000

Designations	Abutment and fillet dimensions			Weight
	D _{smin}	dh _{max}	ra _{max}	
	mm			kg
6200	14	26	0.6	0.0277
6201	16	28	0.6	0.0365
6202	19	31	0.6	0.0431
6203	21	36	0.6	0.0661
6303-WCH	22.6	41.4	1	0.110
6303-WC	22.6	41.4	1	0.110
6303-BYD	22.6	41.4	1	0.110
6204	25	42	1	0.110
6204TN1	25	42	1	0.104
6304X3/C3	28	54	1	0.252
63/22/C3	29	47	1	0.183
62/23-BYD	29	43	1	0.117
66/23/P53YB2	29	47	1	0.169
66/23/P53Z2	29	47	1	0.172
61805	27	35	0.3	0.0227
61905	27	40	0.3	0.0415
1000905	27	40	0.3	0.0415
6005	29	43	0.6	0.078
16005	27	45	0.3	0.0562
FL-6005/C3	29	43	0.6	0.0787
6205	30	47	1	0.134
6205TN1	30	47	1	0.126
62205	30	47	1	0.159
6305	31.5	55.5	1	0.214
FL-6305/P6	31.5	55.5	1	0.214
6305X3/C3YA5	33	62	1	0.296
6405	33	72	1.5	0.530
6605X2WBTN1/HA	33	61	2	0.272

Deep Groove Ball Bearing

ZWZ

d 28–40 mm



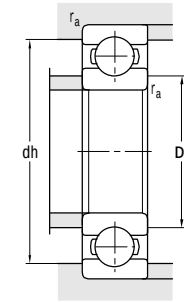
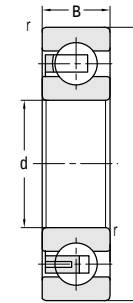
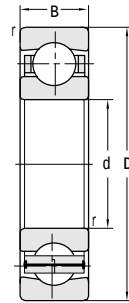
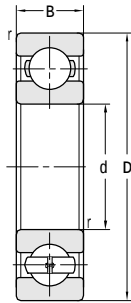
Principal dimensions				Basic load ratings		Limit speed ratings	
d	D	B	r _{min}	C _r	C _{or}	Grease	Oil
mm				kN		r/min	
28	68	18	1.1	32.5	13.0	9500	12000
	68	18	1.1	24.6	13.0	9500	12000
28.575	71.438	20.638	1.1	23.6	13.3	9400	11700
30	47	9	0.3	7.50	4.95	14000	17000
	55	9	0.3	10.6	6.75	12000	15000
	55	13	1	13.2	7.96	12000	15000
	59	22	0.4	13.0	8.00	10000	13000
	62	16	1	19.5	11.3	10000	13000
	72	19	1.1	28.4	15.4	9000	11000
	72	19	1.1	28.4	15.4	9000	11000
	90	23	1.5	44.5	23.0	8500	10000
33	72	17	1.1	22.5	13.6	9100	11000
35	47	7	0.3	3.90	3.00	13000	16000
	55	10	0.6	9.35	6.70	11000	14000
	62	14	1	16.0	10.3	10000	13000
	72	17	1.1	26.0	14.7	9000	11000
	80	21	1.5	33.4	19.2	8500	10000
	80	21	1.5	33.4	19.2	8500	10000
	100	25	1.5	55.5	29.5	7000	8500
40	62	12	0.6	13.0	9.20	10000	13000
	68	15	1	16.8	11.6	9500	12000
	68	15	1	16.8	11.6	9500	12000
	80	18	1.1	31.2	18.2	8500	10000
	80	18	1.1	31.2	18.2	8500	10000
	80	18	1.1	31.2	18.2	8500	10000
	80	18	1.1	31.2	18.2	8500	10000
	80	18	1.1	31.2	18.2	8500	10000
	90	23	1.5	41.0	24.0	7500	9000
	90	23	1.5	41.0	24.0	7500	9000
	90	23	1.5	41.0	24.0	7500	9000
	90	23	1.5	41.0	24.0	7500	9000

Designations	Abutment and fillet dimensions			Weight
	D _{smin}	dh _{max}	ra _{max}	
	mm			kg
63/28/HA	34.5	61.5	1	0.299
63/28	34.5	61.5	1	0.301
66/28X4	35	65	1	0.396
61906	32	45	0.3	0.0433
16006	32	53	0.3	0.0827
6006	34.6	50.4	1	0.121
1-0005	33	55	0.4	0.191
6206	35	57	1	0.218
6306	36.5	65.5	1	0.354
6306TN1	37	65	1	0.342
6406	38	82	1.5	0.805
62/33	40.5	64.5	1	0.308
61807	37	45	0.3	0.0292
61907	38.2	51.8	0.6	0.0779
6007	40	57	1	0.152
6207	41.5	65.5	1	0.294
6307	43	72	1.5	0.456
6307TN1	43	72	1.5	0.443
6407	43	92	1.5	0.919
61908	43.2	58.8	0.6	0.108
6008	44.6	63.4	1	0.191
6008/C3	44.6	63.4	1	0.191
6208	46.5	73.5	1	0.369
6208/P6	46.5	73.5	1	0.361
6208/HAP6	46.5	73.5	1	0.361
6208/P5YB2	46.5	73.5	1	0.361
370208	46.5	73.5	1	0.362
6308/P5YB2	48	82	1.5	0.642
6308	48	82	1.5	0.642
6308TN1	48	82	1.5	0.611
6308/HA	48	82	1.5	0.642

Deep Groove Ball Bearing

ZWZ

d 40–50 mm



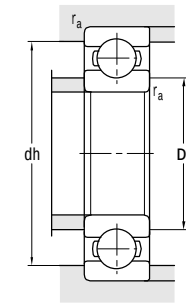
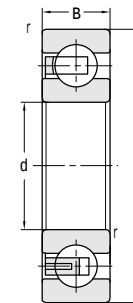
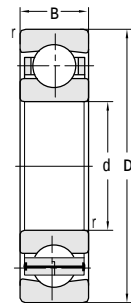
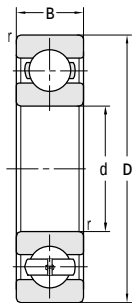
Principal dimensions				Basic load ratings		Limit speed ratings	
d	D	B	r _{min}	C _r	C _{or}	Grease	Oil
mm				kN		r/min	
40	90	23	1.5	41.0	24.0	7500	9000
	110	27	2	67.5	36.0	6700	8000
41	80	17	1.1	23.7	19.0	8500	10000
	80	17	1.1	29.1	17.9	8500	10000
45	58	7	0.3	6.50	5.00	9500	12000
	75	10	0.6	14.9	11.4	9000	11000
	75	16	1	20.0	14.0	9000	11000
	85	19	1.1	33.7	20.7	7500	9000
	85	19	1.1	33.7	20.7	7500	9000
	85	19	1.1	33.7	20.7	7500	9000
	85	19	1.1	33.7	20.7	7500	9000
	85	19	1.1	33.7	20.7	7500	9000
	85	19	1.1	42.5	32.0	7500	9000
	90	20	1.1	41.0	24.4	7000	8500
	100	25	1.5	52.5	30.0	6700	8000
	100	25	1.5	52.5	30.0	6700	8000
	100	25	1.5	52.6	30.1	6700	8000
	100	25	1.5	52.7	30.2	6700	8000
	100	25	1.5	52.5	30.0	6700	8000
	100	25	1.5	52.5	30.0	6700	8000
	100	25	1.5	52.5	30.0	6700	8000
	120	29	2	73.0	43.0	6000	7000
50	72	12	0.6	13.9	11.0	8500	10000
	80	10	0.6	15.4	12.3	8500	10000
	80	16	1	22.0	16.3	6500	10000
	80	16	1	22.0	16.3	6500	10000
	80	16	1	22.0	16.3	11000	13000
	80	16	1	22.0	16.3	6500	10000
	90	20	1.1	35.6	22.3	7100	8500
	90	20	1.1	35.6	22.3	7100	8500
	90	20	1.1	35.6	22.3	7100	8500
	90	20	1.1	35.6	22.3	7100	8500
	90	20	1.1	35.6	22.3	7100	8500
	90	20	1.1	35.6	22.3	7100	8500

Designations	Abutment and fillet dimensions			Weight
	D _{smin}	dh _{max}	r _{amax}	
	mm			kg
6308/C9YA4	48	82	1.5	0.642
6408	49	101	2	1.20
62/41/HAP53	47.5	73.5	1	0.342
62/41/P53	47.5	73.5	1	0.353
61809	47	56	0.3	0.0391
16009	49	71	0.6	0.165
6009	50	70	1	0.246
6209	51.5	78.5	1	0.429
6209TN1	51.5	78.5	1	0.415
6209K	51.5	78.5	1	0.419
6209MA	51.5	78.5	1	0.492
6209/YA1	51.5	78.5	1	0.429
209	51.5	78.5	1	0.492
6609TN1/YA1	51.5	83.5	1	0.481
6309/YB5	53	92	1.5	0.850
6309/HAC3V2YA7	53	92	1.5	0.807
309U2	53	92	1.5	0.850
309HU	53	92	1.5	1.05
6309A	53	92	1.5	0.859
6309	53	92	1.5	0.850
6309TN1	53	92	1.5	0.809
6409	54	111	2	1.59
61910	53.2	68.8	0.6	0.128
16010	54	76	0.6	0.179
6010	55	75	1	0.255
FL-6010	55	75	1	0.255
FL-6010/P6	55	75	1	0.255
FL-6010-QD	55	75	1	0.255
6210/HA	56.5	83.5	1	0.504
6210/C9YA6	56.5	83.5	1	0.474
6210	56.5	83.5	1	0.474
FL-6210	56.5	83.5	1	0.474
FL-6210-QD	56.5	83.5	1	0.474

Deep Groove Ball Bearing

ZWZ

d 50–60 mm



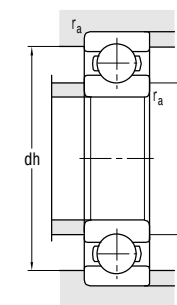
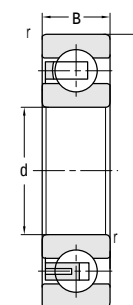
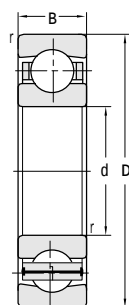
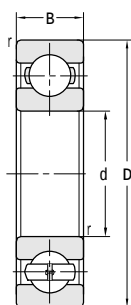
Principal dimensions				Basic load ratings		Limit speed ratings	
d	D	B	r _{min}	C _r	C _{or}	Grease	Oil
mm				kN		r/min	
50	90	26	1.1	35.6	22.3	7100	8500
	110	27	2	62.0	38.0	6300	7500
	110	27	2	62.0	38.0	6300	7500
	110	27	2	62.0	38.0	6300	7500
	110	27	2	62.0	38.0	6300	7500
	111	27	2.3	62.0	38.0	6300	7500
	111	27	2.3	62.0	38.0	6300	7500
	130	31	2.1	88.0	52.0	5300	6300
55	72	9	0.3	8.80	8.10	8500	10000
	80	13	1	15.9	13.2	8000	9500
	90	11	0.6	21.3	14.2	7500	9000
	90	18	1.1	29.0	20.7	7500	9000
	90	18	1.1	29.0	20.7	7500	9000
	90	11	0.6	18.6	15.2	7500	9000
	100	21	1.5	44.3	27.8	6300	7500
	100	21	1.5	44.3	27.8	6300	7500
	100	26	1.5	44.3	27.8	6300	7500
	120	29	2	71.5	45.0	5600	6700
	120	29	2	71.5	45.0	5600	6700
	120	29	2	71.5	45.0	5600	6700
	140	33	2.1	95.0	60.0	5000	6000
60	85	13	1	17.0	15.1	7500	9000
	95	11	0.6	19.1	16.5	6700	8000
	95	18	1.1	30.0	23.0	6700	8000
	95	18	1.1	30.0	23.0	6700	8000
	110	22	1.5	53.0	36.0	5600	7100
	110	22	1.5	53.0	36.0	5600	7100
	110	22	1.5	53.0	36.0	5600	7100
	110	22	1.5	53.0	36.0	6000	7000
	110	22	1.5	53.0	36.0	5600	7100
	110	22	1.5	53.0	36.0	5600	7100
	110	22	1.5	53.0	36.0	5600	7100
	110	22	1.5	53.0	36.0	5600	7100
	110	22	1.5	53.0	36.0	5600	7100
	110	22	1.5	53.0	36.0	5600	7100

Designations	Abutment and fillet dimensions			Weight
	D _{smin}	dh _{max}	ra _{max}	
	mm			kg
62210X2	56.5	83.5	1	0.601
6310	59	101	2	1.12
6310A	59	101	2	1.12
6310TN1	59	101	2	1.06
6310TN11	59	101	2	1.06
6310X1	61	101	2	1.13
810	61	101	2	1.10
6410	61	119	2	1.91
61811	57	70	0.3	0.0845
61911	59.6	75.4	1	0.177
7000111	59	85	0.6	0.307
6011	61	84	1	0.384
6011/C9YA2	61	84	1	0.384
16011	58.2	86.8	0.6	0.255
6211K	63	92	1.5	0.620
6211	63	92	1.5	0.628
62211X2	63	92	1.5	0.759
6311	64	111	2	1.38
6311TN1	64	111	2	1.29
6311/YA6	64	111	2	1.37
6411	66	129	2	2.25
61912	64.5	80.5	1	0.201
16012	64	91	0.6	0.270
6012	66.5	88.5	1	0.416
6012M	66.5	88.5	1	0.497
6212	68	102	1.5	0.793
6212-1	68	102	1.5	0.772
6212/HAP63YA5	68	102	1.5	0.772
6212/YA6	68	102	1.5	0.793
212	68	102	1.5	0.793
212U	68	102	1.5	0.793
212U1	68	102	1.5	0.793
6212/YA5	68	102	1.5	0.772
6212K	68	102	1.5	0.781

Deep Groove Ball Bearing

ZWZ

d 60–70 mm



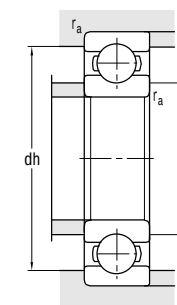
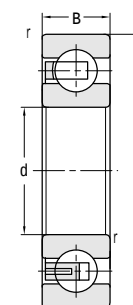
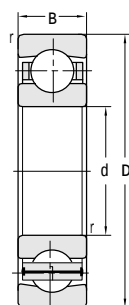
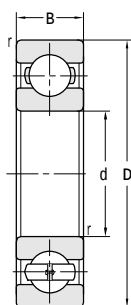
Principal dimensions				Basic load ratings		Limit speed ratings	
d	D	B	r _{min}	C _r	C _{or}	Grease	Oil
mm				kN		r/min	
60	130	31	2.1	82.0	50.0	5300	6300
	130	31	2.1	82.0	50.0	5300	6300
	130	31	2.1	82.0	50.0	5000	6000
	130	31	2.1	82.0	50.0	5000	6000
	130	31	2.1	82.0	50.0	5000	6000
	150	35	2.1	107	68.5	4800	5600
65	85	10	0.6	10.4	12.9	6700	8000
	90	13	1	19.9	17.5	6700	8000
	100	18	1.1	32.0	25.0	6300	7500
	100	18	1.1	32.0	25.0	6300	7500
	120	23	1.5	57.0	40.0	5300	6300
	120	23	1.5	57.0	40.0	5300	6300
	120	23	1.5	57.0	40.0	5300	6300
	120	23	1.5	57.0	40.0	5300	6300
	120	23	1.5	57.0	40.0	5300	6300
	120	23	1.5	57.0	40.0	5300	6300
	120	23	1.5	57.0	40.0	5300	6300
	140	33	2.1	95.0	59.5	4800	5600
	140	33	2.1	87.5	56.5	4800	5600
	140	33	2.1	92.5	59.5	4800	5600
	140	33	2.5	92.5	59.5	4800	5600
	140	33	2.1	92.5	59.5	4800	5600
	160	37	2.1	118	78.5	4500	6300
70	110	20	1.1	38.0	30.0	6000	7000
	110	20	1.1	38.0	30.0	6000	7000
	125	24	1.5	61.2	43.2	5000	6000
	125	24	1.5	61.2	43.2	5000	6000
	150	35	2.1	104	68.0	4500	5300
	150	35	2.1	104	68.0	4500	5300
	150	35	2.1	104	68.0	4500	5300
	150	35	2.1	107	68.0	4500	5300
	150	35	2.1	107	68.0	4500	5300
	150	35	2.1	107	68.0	4500	5300
	150	35	2.1	107	68.0	4500	5300
	150	35	2.1	107	68.0	4500	5300

Designations	Abutment and fillet dimensions			Weight
	D _{smin}	dh _{max}	ra _{max}	
	mm			kg
6312A	71	119	2	1.750
6312	71	119	2	1.750
6312Q1	71	119	2	2.12
6312TN1	71	119	2	1.69
4E312QT			2	2.07
6412	71	139	2	2.72
61813Q1	69	81	0.6	0.119
61913	70	85	1	0.195
6013	71.5	93.5	1	0.428
6013M	71.5	93.5	1	0.553
6213	73	112	1.5	1.00
FL-6213-QD	73	112	1.5	1.00
6213MA	73	112	1.5	1.23
6213A	73	112	1.5	1.00
6213/YA5	73	112	1.5	1.05
213G	73	112	1.5	1.01
180213	73	112	1.5	1.06
6313	76	129	2	2.10
6313/W124	77	128	2	2.15
6313A	76	129	2	1.85
6313/YA6	76	129	2.5	2.09
6313M	76	129	2	2.67
6413	76	149	2	3.21
6014	76.5	103.5	1	0.624
6014M	76.5	103.5	1	0.743
6214	78	117	1.5	1.12
6214A	78	117	1.5	1.12
6314A	81	139	2	2.60
6314/P6CMV2	81	139	2	2.55
314U1	81	139	2	2.55
6314	81	139	2	2.57
6314/W124	82	138	2	2.57
6314/C9	81	139	2	2.57

Deep Groove Ball Bearing

ZWZ

d 70–80 mm



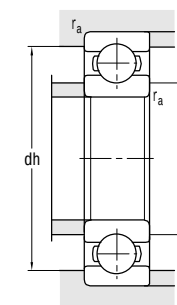
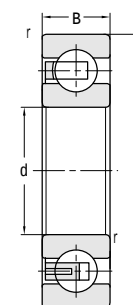
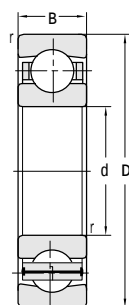
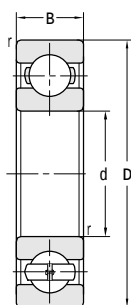
Principal dimensions				Basic load ratings		Limit speed ratings	
d	D	B	r _{min}	C _r	C _{or}	Grease	Oil
mm				kN		r/min	
70	150	35	2.1	107	68.0	4500	5300
	150	35	2.1	107	68.0	4500	5300
	180	42	3	136	100	3800	4500
72	110	20	1.1	38.0	31.0	5200	6500
	115	20	1.1	38.0	31.0	5600	6700
	115	20	1.1	38.0	31.0	5600	6700
75	105	16	1	26.5	23.5	5600	6700
	115	13	0.6	29.0	26.0	5600	6700
	115	13	0.6	29.0	26.0	5600	6700
	115	13	1.1	24.8	23.9	5600	6700
	130	25	1.5	66.0	50.0	4800	5600
	130	25	1.5	66.0	50.0	4800	5600
	130	25	1.5	66.0	50.0	4800	5600
	130	25	1.5	66.0	50.0	4800	5600
	130	31	1.5	66.0	50.0	4800	5600
	160	37	2.1	113	77	4300	5000
	160	37	2.1	113	77	4300	5000
	160	37	2.1	113	77	4300	5000
	160	37	2.1	113	77	4300	5000
	160	37	2.1	113	77	4300	5000
	160	37	2.1	113	77	4300	5000
	160	37	2.1	113	77	4300	5000
	190	45	3	146	107	3600	4300
80	100	10	0.6	12.7	13.3	6000	7000
	110	16	1	27.5	25.0	5600	6700
	125	22	1.1	47.5	40.0	5300	6300
	125	22	1.1	47.5	40.0	6500	8000
	125	14	0.6	32.0	30.0	5300	6300
	125	22	1.1	47.5	40.0	5300	6300
	140	26	2	71.5	54.5	4500	5300
	140	26	2	71.5	54.5	4500	5300
	170	39	2.1	125	86.5	3800	4500
	170	39	2.1	125	86.5	3800	4500

Designations	Abutment and fillet dimensions			Weight
	D _{smin}	dh _{max}	ra _{max}	
	mm			kg
6314/YA6	81	139	2	2.58
6314TN1	81	139	2	2.50
6414	83	167	2.5	4.54
60/72	79.5	102.5	1	0.584
6015	81.5	108.5	1	0.630
6015M	81.5	108.5	1	0.804
61915	80	100	1	0.350
16015	81.5	108.5	0.6	0.546
16015M	81.5	108.5	0.6	0.546
16015/YA6	84.5	105.5	1	0.476
6215	83	122	1.5	1.21
6215A	83	122	1.5	1.21
6215M	83	122	1.5	1.46
6215K	83	122	1.5	1.18
62215	83	122	1.5	1.47
6315	86	149	2	3.03
6315A	86	149	2	3.03
6315/CM	86	149	2	3.02
315U1	86	149	2	3.02
6315/YA8	86	149	2	3.03
6315M	86	149	2	3.86
6415	88	177	2.5	5.88
61816	83.2	96.8	0.6	0.153
61916	85	105	1	0.350
6016	86.5	118.5	1	0.845
FL-6016/P6	86.5	118.5	1	0.845
16016	84	121	0.6	0.599
6016M	86.5	118.5	1	1.04
6216A	89	131	2	1.47
6216	89	131	2	1.47
6316	91	159	2	3.68
6316/CM	91	159	2	3.60

Deep Groove Ball Bearing

ZWZ

d 80–90 mm



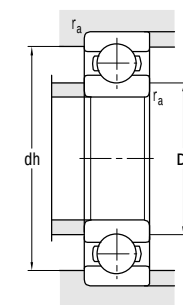
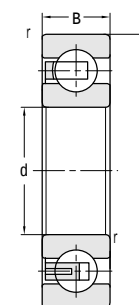
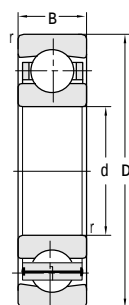
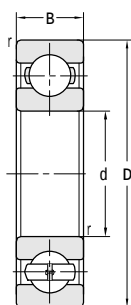
Principal dimensions				Basic load ratings		Limit speed ratings	
d	D	B	r _{min}	C _r	C _{or}	Grease	Oil
mm				kN		r/min	
80	170	39	2.1	125	86.5	3800	4500
	170	39	2.1	125	86.5	3800	4500
	200	48	3	160	122	3400	4000
85	120	18	1.1	30.3	27.0	5300	6300
	130	14	0.6	31.5	30.0	5000	6000
	130	22	1.1	47.5	40.0	5000	6000
	130	22	1.1	47.5	40.0	5000	6000
	150	28	2	84.0	62.0	4300	5000
	150	28	2	77.0	59.0	4300	5000
	150	28	2	84.0	62.0	4300	5000
	150	28	2	84.0	62.0	4300	5000
	150	28	2	84.0	62.0	4300	5000
	150	28	2	84.0	62.0	4300	5000
	150	28	2	77.0	59.0	4300	5000
	150	28	1	77.0	59.0	4300	5000
	180	41	3	102	96.5	3800	4500
	180	41	3	102	96.5	3800	4500
	180	41	3	102	96.5	3800	4500
	180	41	3	102	96.5	3600	4300
	180	41	3	102	96.5	3800	4500
	210	52	4	170	132	3200	3800
88.9	127	19.05	1.1	28.9	28.4	4400	5500
90	125	18	1.1	33.0	31.5	5000	6000
	125	18	1.1	33.0	31.5	5000	6000
	125	18	0.6	33.0	31.5	5000	6000
	140	24	1.5	58.5	50.0	4800	5600
	140	16	1	58.5	50.0	4800	5600
	140	24	1.5	58.5	50.0	4800	5600
	160	30	2	97.0	72.0	3800	4500
	160	30	2	73.5	72	3800	4500
	160	30	2	97.0	72.0	3800	4500
	190	43	3	144	108	3400	4000
	190	43	3	144	108	3400	4000

Designations	Abutment and fillet dimensions			Weight
	D _{smin}	dh _{max}	ra _{max}	
	mm			kg
6316M/HQ1	91	159	2	4.54
6316A	91	159	2	3.68
6416	93	187	2.5	6.84
61917	91	114	1	0.557
16017	89	126	0.6	0.636
6017	91.5	123.5	1	0.935
6017M	91.5	123.5	1	1.12
6217	94	141	2	1.85
6217/W124	94	141	2	1.85
6217K	94	141	2	1.81
6217A	94	141	2	1.85
6217/HA	94	141	2	1.80
6217M	94	141	2	1.91
6217/CRA9W124	94	141	2	1.85
6217R/C3Z1YA6	94	141	1	1.95
6317	98	167	2.5	4.33
6317/P6CMV2	98	167	2.5	4.33
6317M	98	167	2.5	4.97
6317/CRA9W124	99	166	2.5	4.29
317U1	98	167	2.5	4.33
6417	101	194	3	8.10
66/88.9/YA2	96.4	120.5	1	0.690
61918	96.5	118.5	1	0.572
61918M	96.5	118.5	1	0.680
61918/YA6	96.5	118.5	0.5	0.572
6018	98	132	1.5	1.15
16018M	95	135	1	0.990
6018M	98	132	1.5	1.36
6218	99	151	2	2.19
6218/CRA9W124	101	149	2	2.19
218U1	99	151	2	2.19
6318	103	177	2.5	4.97
6318/CM	103	177	2.5	4.97

Deep Groove Ball Bearing

ZWZ

d 90~100 mm



Principal dimensions				Basic load ratings		Limit speed ratings	
d	D	B	r _{min}	C _r	C _{or}	Grease	Oil
mm				kN		r/min	
90	190	43	3	144	108	3400	4000
	190	43	5.5	144	108	3400	4000
	225	54	4	189	154	3000	3600
95	120	13	1	19.3	20.4	5000	6000
	130	18	1.1	33.8	33.0	4800	5600
	145	16	1	40.5	39.0	4500	5300
	145	24	1.5	78.5	54.0	4500	5300
	170	32	2.1	110	80.0	3600	4300
	170	32	2.1	102	77.0	3600	4300
	170	32	2.1	110	80.0	3600	4300
	170	32	2.1	102	77.0	3600	4300
	200	45	3	152	118	3200	3800
	200	45	3	152	118	3200	3800
	200	45	3	152	118	3200	3800
	200	45	3	152	118	3200	3800
	200	45	3	152	118	3200	3800
	200	45	3	152	118	3200	3800
	200	45	3	152	118	3200	3800
	200	45	3	152	118	3200	3800
	240	55	4	195	162	3400	3600
100	125	13	1	19.6	21.2	4800	5600
	140	20	1.1	34.5	35.0	4500	5300
	140	20	1.1	34.5	35.0	4500	5300
	150	16	1	43.6	44.0	4300	5000
	150	24	1.5	62.4	52.9	4300	5000
	150	24	1.5	62.4	52.9	4300	5000
	180	28	1.8	116	92.0	3400	4000
	180	34	2.1	122	93.0	3400	4000
	180	34	2.1	115	88.0	3400	4000
	180	34	2.1	115	88.0	3400	4000
	215	47	3	173	141	2800	3600
	215	47	3	173	141	2800	3600
	215	47	3	173	141	2800	3600
	215	47	3	173	141	3000	3600

Designations	Abutment and fillet dimensions			Weight
	D _{smin}	dh _{max}	ra _{max}	
	mm			kg
6318M/C4	103	177	2.5	6.37
6318/YA6	103	177	2.5	4.97
6418	106	209	3	9.58
61819	99.6	115	1	0.288
61919	101	124	1	0.610
16019	100	140	1	0.884
6019	103	137	1.5	1.14
6219	106	159	2	2.66
6219/W124	106	159	2	2.66
6219M	106	159	2	3.34
6219/CRA9W124	106	159	2	2.66
6319	108	187	2.5	5.84
IS-6319M	108	187	2.5	7.11
6319/CM	108	187	2.5	5.58
6319A	108	187	2.5	5.84
6319-DT	108	187	2.5	5.84
6319F1/HQ1	108	187	2.5	6.93
6319M/HQ1	108	187	2.5	7.11
IS-6319	109	186	2.5	5.48
6419M	108	215	2.5	13.6
61820	105	120	1	0.326
61920M	106.5	133.5	1	0.960
61920	106.5	133.5	1	0.850
16020	108	142	1	0.916
6020	108	142	1.5	1.15
6020M	108	142	1.5	1.37
720	111.5	171.5	1.8	2.70
6220	111	169	2	3.25
6220/CRA9W124	111	169	2	3.25
6220/W124	111	169	2	3.25
6320	113	202	2.5	7.10
IS-6320M	113	202	2.5	8.94
6320-DT	113	202	2.5	7.10
6320/W124	114	201	2.5	7.10