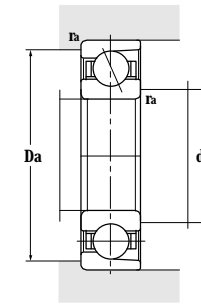
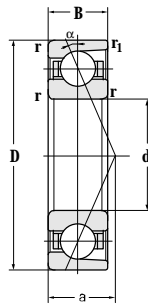


Single-row Angular Contact Ball Bearing

d 25–40 mm

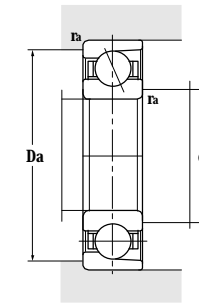
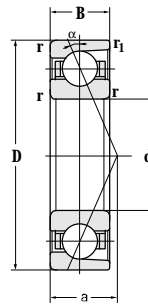


Principal dimensions					Basic load ratings		Limit speed ratings	
d	D	B	r	r ₁	C _r	C _{or}	Grease	Oil
mm					kN		r/min	
25	47	12	0.6	0.3	11.1	8.1	10000	15000
	52	15	1	1	15.9	9.6	10000	15000
	62	17	1.1	0.6	28.6	16.0	10000	15000
	62	17	1.1	0.6	24.7	14.0	9000	13000
30	55	13	1	1	14.3	10.0	1000	13000
	62	16	1.1	0.3	21.0	14.0	8500	12000
	72	19	1.1	0.6	31.8	21.0	8500	13000
	72	19	1.1	0.6	31.0	19.5	8000	11000
	72	19	1.1	0.6	33.6	18.0	8000	11000
35	72	17	1.1	1.1	30.5	20.7	8000	11000
	72	17	1.1	0.6	32.5	22.0	9000	12000
	72	17	1.1	0.6	27.0	19.0	8000	11000
	72	17	1.1	0.6	29.0	18.0	8000	11000
	80	21	1.5	0.6	40.3	26.0	8000	11000
35	80	21	1.5	0.6	39.0	25.0	7800	10500
	80	21	1.5	0.6	39.0	25.0	7500	10000
	80	21	1.5	0.6	39.0	25.0	6000	8000
	100	25	1.5	0.6	70.2	42.0	6300	8000
	100	25	1.5	0.6	70	42.0	6000	8000
40	68	15	1	1	20.5	15.9	8300	11000
	80	18	1.1	0.6	36.4	25.0	8000	11000
	80	18	1.1	0.6	36.4	25.0	6400	8800
	80	18	1.1	0.6	47.2	21.5	10000	15000
	80	18	1.1	0.6	34.5	24.1	7000	9500
	80	18	1.1	0.6	34.5	24.1	7000	9500
	90	23	1.5	0.6	46.8	32.5	7600	10000
	90	23	1.5	0.6	46.8	31.0	6000	8000
	90	23	1.5	0.6	46.8	30.0	6000	8000
	90	23	1.5	0.6	46.8	30.0	6000	8000

Designations	Contact points a	Abutment and fillet dimensions			Weight kg
		damax	Damax	ramax	
		mm			
7005AC	22.8	25	43	0	0.0758
7205C	24	30.6	46	1	0.14
7305C	14.3	32	55	1	0.224
7305BM	27.2	32	55	1	0.277
7006C	12.2	35.5	49.5	1	0.118
7206AC	27	35.6	56	1	0.215
7306C	16.3	37	65	1	0.346
7306ACM	21.6	37	65	1	0.413
7306BM	30.9	37	65	1	0.371
7207AC	31	42	65	1	0.304
7207C	15.7	42	65	1	0.304
7207BTN1	31	42	65	1	0.285
7207BM	30.9	42	65	1	0.328
7307C	18.2	44	71	1.5	0.335
7307ACM	24.1	44	71	1.5	58.5
7307BM	35	44	71	1.5	0.551
7307B	35	44	71	1.5	0.481
7407ACM	28.3	44	91	1.5	1.14
7407AC	41	46	89	1.5	0.977
7008C	14.8	45.5	62.5	1	0.188
7208C	17	47	73	1	0.364
B7208C	17	47	73	1	0.383
7208CTN1/HQ1	17	47	73	1	0.312
7208AC	34	47	73	1	0.367
7208ACM	34	47	73	1	0.429
7308C	20.2	49	81	1.5	0.624
7308ACM	26.7	49	81	1.5	0.711
7308B	38.8	49	81	1.5	0.653
7308BM	38.8	49	81	1.5	0.711

Single-row Angular Contact Ball Bearing

d 40–50 mm

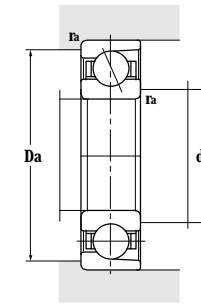
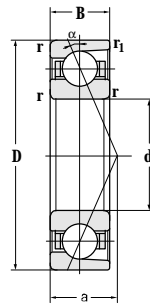


Principal dimensions					Basic load ratings		Limit speed ratings	
d	D	B	r	r ₁	C _r	Cor	Grease	Oil
mm					kN		r/min	
40	110	27	2	1	90.5	39.0	5600	7500
45	75	16	1	0.3	24.5	19	9500	13000
	75	16	1	1	24.7	19.3	14000	18000
	85	19	1.1	0.6	40.3	29.0	9600	13600
	85	19	1.1	0.6	40.3	29.0	6900	9200
	85	19	1.1	0.6	39.0	27.5	6700	9000
	85	19	1.1	0.6	39.0	27.5	6700	9000
	100	25	1.5	0.6	63.7	42.5	7000	9500
	100	25	1.5	0.6	64.1	42.5	7000	9500
	100	25	1.5	0.6	65.0	45.0	6000	8000
	100	25	1.5	0.6	68.3	39.5	5600	7500
	100	25	1.5	0.6	58	39.5	5600	7500
	100	25	1.5	0.6	55	45.0	6000	8000
	120	29	2	1	79.5	52.0	4800	6300
	120	29	2	1	79.5	52.0	4800	6300
50	80	16	1	0.3	26.5	17.3	8000	10000
	80	16	1	0.3	26	22.0	8000	17000
	80	16	1	0.3	25	20.5	8500	10000
	80	16	1	0.3	25.0	20.5	7000	9000
	90	20	1.1	0.6	42.9	32.0	6400	8500
	90	20	1.1	0.6	42.9	32.0	6080	8000
	90	20	1.1	0.6	40.3	30.0	5800	7800
	90	20	1.1	0.6	41	30.0	5800	7800
	90	20	1.1	0.6	37.7	29.0	4480	6400
	110	27	2	1	71.5	49.0	5600	7500
	110	27	2	1	70.0	44.0	5000	6700
	110	27	2	1	75.4	51.0	7000	8700
	110	27	2	1	75.4	51.0	7000	8700
	110	27	2	1	70.0	44.0	4000	5400
	110	27	2	1	70.0	44.0	5300	7000
	130	31	2.1	1.1	105	70.0	5000	7000
	130	31	2.1	1.1	96.4	64.0	4000	6000
	130	31	2.1	1.1	105	70.0	4500	6000

Designations	Contact points a	Abutment and fillet dimensions			Weight kg
		damax	Damax	ramax	
		mm			
7408BM	45	60	100	2	1.47
7009AC	25.3	51	69	1	0.239
7009C	16	50.5	69.5	1	0.24
B7209C	18.2	52	78	1	0.418
7209C	18.2	52	78	1	0.403
7209AC	37	52	78	1	0.404
7209ACM	37	52	78	1	0.49
7309C	22.2	64	91	1.5	0.834
7309C/P4	22.2	64	91	1.5	0.834
7309ACM	29.4	64	91	1.5	1.02
7309BM	42.9	64	91	1.5	1.02
7309BM	42.9	64	91	1.5	1.01
7309ACM	43	54	91	1.5	1.01
7409BM	48	55	110	2	1.82
7409BT	48	55	110	2	1.65
7010CM	16.7	57	73	1	0.309
7010C	16.8	55.5	74.5	1	0.249
7010AC	26.8	56	74	1	0.254
7010ACM	23.2	57	73	1	0.314
7210C	19.4	57	83	1	0.458
B7210C	19.4	57	83	1	0.506
7210AC	26.3	57	83	1	0.460
7210ACM	26.3	57	83	1	0.561
7210B	39.4	57	83	1	0.487
7310ACM	32.2	60	100	2	1.21
7310BM	47.1	60	100	2	1.17
7310C	24.2	60	100	2	1.04
7310CM	24.2	60	100	2	1.21
7310B	47.1	60	100	2	1.05
7310BM	47	61	99	2	1.19
7410ACM	36.5	62	118	2.1	2.30
7410BM	53.3	62	118	2.1	2.36
7410AC	53	64	116	2	1.95

Single-row Angular Contact Ball Bearing

d 55–65 mm

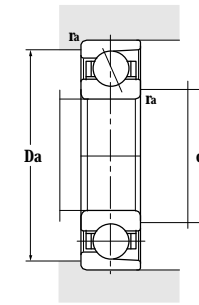
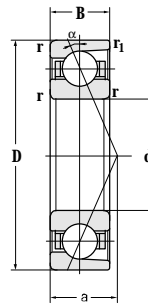


Principal dimensions					Basic load ratings		Limit speed ratings		
d	D	B	r	r ₁	C _r	C _{or}	Grease	Oil	
mm					kN		r/min		
55	90	18	1.1	0.6	31.2	26.0	10000	12000	
	90	18	1.1	1.1	32.5	27.0	11000	15000	
	100	21	1.5	0.6	53.3	40.0	8000	10000	
	100	21	1.5	0.6	53.3	40.0	8000	10000	
	100	21	1.5	0.6	50.7	38.0	7100	10000	
	100	21	1.5	0.6	53.3	40.0	8000	10000	
	100	21	1.5	0.6	50.7	32.0	8000	10000	
	100	21	1.5	0.6	34.0	34.0	5600	8000	
	120	29	2	1	92.3	65.0	7000	8700	
	120	29	2	1	92.3	65.0	7000	8700	
	120	29	2	1	91.0	65.0	5000	6700	
	120	29	2	1	88.4	63.0	5000	6700	
	120	29	2	1	88.4	63.0	5000	6700	
	120	29	2	1	81.0	56.0	4500	6300	
	140	33	2.1	1.1	121	84.0	4500	6300	
	140	33	2.1	1.1	120	90.0	4300	5600	
60	95	18	1.1	0.6	35.1	30.0	7100	10000	
	110	22	1.5	0.6	55.9	43.0	6700	9000	
	110	22	1.5	0.6	55.9	43.0	6700	9000	
	110	22	1.5	0.6	58.5	45.0	9500	13000	
	110	22	1.5	0.6	49.4	36.0	5600	7800	
	110	22	1.5	1.5	55.5	43.0	5000	6700	
	130	31	2.1	1.1	94.9	67.0	4800	6300	
	130	31	2.1	1.1	95	67.0	4800	6300	
	130	31	2.1	1.1	94.9	67.0	4800	6300	
	130	31	2.1	1.1	91.0	60.0	4300	5600	
	130	31	2.1	1.1	91.0	60.0	3500	4500	
	130	31	2.1	1.1	83.6	70.0	4500	6000	
	150	35	2.1	1.1	131	95.0	3800	5000	
	150	35	2.1	1.1	120	86.0	3000	4000	
	150	35	2.1	1.1	92.0	86.0	3800	5000	
	150	35	2.1	1.1	130	96.0	3800	5000	
	65	100	18	1.1	0.6	33.8	31.0	6700	9500
		100	18	1.1	0.6	37.7	34.0	5400	7600

Designations	Contact points a	Abutment and fillet dimensions			Weight kg
		damax	Damax	ramax	
		mm			
7011AC	25.9	62	83	1	0.385
7011C	18.7	62	83	1	0.386
7211C	20.9	64	91	1.5	0.599
B7211C	20.9	64	91	1.5	0.600
7211AC	28.6	64	91	1.5	0.599
7211CM	20.9	65	91	1.5	0.698
7211C/HQ1	20.9	65	91	1.5	0.578
7211BM	43	65	91	1.5	1.698
7311CM	26.2	65	110	2	1.65
7311C	26.2	65	110	2	1.44
7311AC	34.9	65	110	2	1.44
7311ACM	34.9	65	110	2	1.65
7311ACQ1	34.9	65	110	2	1.64
7311BM	51.2	65	110	2	1.61
7411ACM	39.3	67	128	2.1	2.79
7411AC	58	69	126	2	2.38
7012AC	27.1	67	88	1	0.392
7212AC	30.8	69	101	1.5	0.786
7212ACM	30.8	69	101	1.5	0.951
7212C	22.4	69	101	1.5	0.786
7212BM	46.7	69	101	1.5	0.947
7212ACM	47	69	101	1.5	0.945
7312AC	37.7	72	118	2	1.80
7312AC/P4	37.7	72	118	2	1.82
7312ACM	37.7	72	118	2	2.12
7312BM	55.4	72	118	2	2.14
7312B	55.4	72	118	2	1.86
7312CM	55	72	118	2	2.03
7412ACM	42	72	138	2	3.65
7412BM	61.6	72	138	2	3.42
7412BT	62	74	136	2	3.15
7412AC	62	74	136	2	3.11
7013AC	28.2	72	93	1	0.414
7013ACJ	28.2	72	93	1	0.410

Single-row Angular Contact Ball Bearing

d 65–70 mm

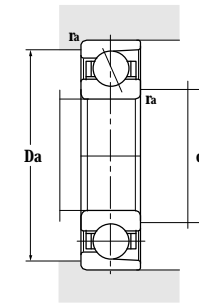
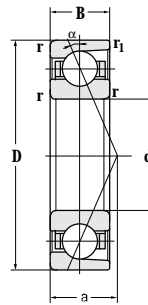


Principal dimensions					Basic load ratings		Limit speed ratings	
d	D	B	r	r ₁	C _r	C _{or}	Grease	Oil
mm					kN		r/min	
65	100	18	1.1	0.6	33.8	31.0	6700	9500
	100	18	1.1	0.6	33	30.5	6700	9500
	120	23	1.5	0.6	72.8	59.0	9000	12000
	120	23	1.5	0.6	72.8	56.0	6000	8500
	120	23	1.5	0.6	70.2	56.0	6000	8500
	120	23	1.5	0.6	70.2	56.0	6000	8500
	120	23	1.5	0.6	74	59.0	9000	12000
	140	33	2.1	1.1	120	88.0	8000	10000
	140	33	2.1	1.1	120	88.0	6400	8000
	140	33	2.1	1.1	120	88.0	6300	8000
	140	33	2.1	1.1	114	84.0	4300	6000
	140	33	2.1	1.1	114	84.0	3400	4800
	140	33	2.1	1.1	114	84.0	4300	6000
	140	33	2.1	1.1	101	75.0	3800	5300
	140	33	2.1	1.1	114	84.0	3500	4800
	140	33	2.1	1.1	101	75.0	3000	4200
	160	37	2.1	1.1	129	97.0	2800	4300
70	110	20	1.1	0.6	44.2	41.0	6300	8500
	110	20	1.1	0.6	44.2	41.0	6300	8500
	125	24	1.5	0.6	79.3	65.0	8500	11000
	125	24	1.5	0.6	79.3	65.0	8500	11000
	125	24	1.5	0.6	75.4	62.0	5600	8000
	125	24	1.5	0.6	75.4	62.0	5600	8000
	125	24	1.5	0.6	79.3	65.0	6800	8800
	125	24	1.5	0.6	79.3	65.0	8500	11000
	125	24	1.5	0.6	68.0	54.0	4000	5600
	150	35	2.1	1.1	134	100	6500	8000

Designations	Contact points a	Abutment and fillet dimensions			Weight kg
		damax	Damax	ramax	
mm					
7013ACM	28.2	72	93	1	0.504
7013ACM	32.8	72	93	1	0.504
7213C	23.9	74	111	1.5	1.02
7213AC/P5	33.1	74	111	1.5	1.02
7213ACM	33.1	74	111	1.5	1.16
7213AC/YB5	33.1	74	111	1.5	1.02
7213CM	50	74	111	1.5	1.16
7313CM	30.2	77	128	2	2.50
7313CJ	30.2	77	128	2	2.23
7313C	30.2	77	128	2	2.23
7313ACM	40.4	77	128	2	2.61
7313ACJ	40.4	77	128	2	2.24
7313AC	40.4	77	128	2	2.24
7313BM	59.5	77	128	2	2.48
B7313ACM	40.4	77	128	2	2.61
7313B	59.5	77	128	2	1.95
7413BM	65.7	77	148	2	3.82
7014AC	31	77	103	1	0.626
7014ACM	31	77	103	1	0.725
7214CM	25.1	79	116	1.5	1.24
7214C	25.1	79	116	1.5	1.10
7214ACM	34.7	79	116	1.5	1.24
7214AC	34.7	79	116	1.5	1.10
B7214C	25.1	79	116	1.5	1.16
7214CTN1	25.1	79	116	1.5	1.09
7214BM	52.9	79	116	1.5	1.27
7314C	32.2	82	138	2	2.69

Single-row Angular Contact Ball Bearing

d 70–75 mm

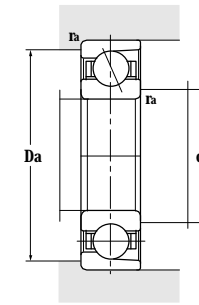
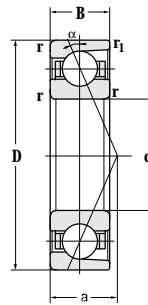


Principal dimensions					Basic load ratings		Limit speed ratings	
d	D	B	r	r ₁	C _r	C _{or}	Grease	Oil
mm					kN		r/min	
70	150	35	2.1	1.1	134	100	6500	8000
	150	35	2.1	1.1	129	96.0	4000	5300
	150	35	2.1	1.1	129	96.0	4000	5300
	150	35	2.1	1.1	114	86.0	3200	4200
	150	35	2.1	1.1	114	86.0	3600	5000
	180	42	3	1.1	164	131	3600	5000
	180	42	3	1.1	164	131	2900	4000
	180	42	3	1.1	148	118	2500	3500
	180	42	3	1.1	114	118	3200	4300
	180	42	3	1.1	163	131	3200	4300
75	115	20	1.1	1.1	46.5	43.5	6800	8500
	130	25	1.5	0.6	78.7	66.5	6800	8500
	130	25	1.5	0.6	79.3	67.0	5600	7500
	130	25	1.5	0.6	79.3	67.0	5600	7500
	130	25	1.5	0.6	79.3	67.0	4480	6000
	130	25	1.5	0.6	79.3	67.0	4480	6000
	160	37	2.1	1.1	146	113	5800	7000
	160	37	2.1	1.1	146	113	4800	5600
	160	37	2.1	1.1	140	109	3800	5000
	160	37	2.1	1.1	140	109	3800	5000
	160	37	2.1	1.1	140	109	3800	5000
	160	37	2.1	1.1	140	109	3800	5000
	160	37	2.1	1.1	125	97.0	3400	4800
	160	37	2.1	1.1	125	97.0	2700	3800
	160	37	2.1	1.1	140	109	3400	4800
	160	37	2.1	1.1	140	109	3800	5000
	190	45	3	1.1	159	130	2400	3800
	190	45	3	1.1	122	130	2400	3800

Designations	Contact points a	Abutment and fillet dimensions			Weight kg
		damax	Damax	ramax	
mm					
7314CM	32.2	82	138	2	3.04
7314AC	43.2	82	138	2	2.69
7314ACM	43.2	82	138	2	3.04
7314B	63.7	82	138	2	2.85
7314BM	63.7	82	138	2	3.16
7414ACM	50.1	84	166	2.5	5.22
7414ACJ	50.1	84	166	2.5	4.86
7414BM	73.4	84	166	2.5	5.64
7414BT	74	84	166	2.5	5.23
7414AC	74	84	166	2.5	4.76
7015C	22.7	82	108	1	0.641
7215C/P5	26.2	84	121	1.5	1.24
7215ACM	36.4	84	121	1.5	1.34
7215AC	36.4	84	121	1.5	1.18
7215ACJ	36.4	84	121	1.5	1.18
7215ACTN1	36.4	84	121	1.5	1.21
7315CM	34.2	87	148	2	3.57
7315CJ	34.2	87	148	2	3.11
7315AC	45.9	87	148	2	3.11
7315ACM	45.9	87	148	2	3.54
7315ACQ1	45.9	87	148	2	3.52
7315BM	67.8	87	148	2	3.4
7315B	67.8	87	148	2	3.26
7315ACJ	45.9	87	148	2	3.10
7315ACTN1	45.9	87	148	2	3.08
7415BM	78.2	89	176	2.5	6.80
7415BT	78.2	89	176	2.5	6.30

Single-row Angular Contact Ball Bearing

d 80–85 mm

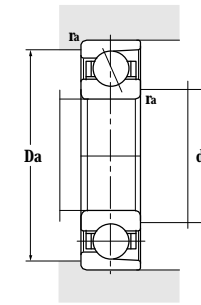
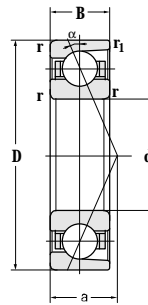


Principal dimensions					Basic load ratings		Limit speed ratings	
d	D	B	r	r ₁	C _r	C _{or}	Grease	Oil
mm					kN		r/min	
80	125	22	1.1	0.6	55.9	53.0	6500	8000
	125	22	1.1	0.6	56.5	52.5	5600	7500
	125	22	1.1	0.6	55.9	53.0	6500	8000
	125	22	1.1	0.6	55.9	53.0	4500	6000
	125	22	1.1	0.6	55.9	53.0	5600	7500
	140	26	2	1.1	126	82.5	3800	5000
	140	26	2	1	97.5	83.0	7500	10000
	140	26	2	1	92.3	79.0	5000	7100
	140	26	2	1	97.5	83.0	6000	8000
	140	26	2	1	92.3	79.0	5000	7100
	140	26	2	1	92.3	79.0	5000	7100
	170	39	2.1	1.1	152	122	3600	4800
	170	39	2.1	1.1	152	122	2800	3800
	170	39	2.1	1.1	152	122	3600	4800
	170	39	2.1	1.1	152	122	3600	4800
	170	39	2.1	1.1	135	109	3400	4500
	200	48	3	1.1	195	168	2600	3800
	200	48	3	1.1	195	168	2600	3800
200	48	3	1.1	195	168	2100	3000	
200	48	3	1.1	178	153	2200	3200	
200	48	3	1.1	178	153	2200	3200	
85	130	22	1.1	0.6	57.2	56.0	5300	7100
	130	22	1.1	0.6	57.2	56.0	5300	7100
	130	22	1.1	1.1	59.5	58.5	7600	10000
	150	28	2	1	104	90.0	6700	9500
	150	28	2	1	104	90.0	5400	7600
	150	28	2	1	98.8	86.0	4800	6700
	150	28	2	1	98.8	86.0	4800	6700
	150	28	2	1	98.8	86.0	4800	6700
	150	28	2	1	98.8	86.0	3800	5400
	150	28	2	1	98.8	86.0	3800	5400
	150	28	2	1	97	72.0	3600	4800

Designations	Contact points a	Abutment and fillet dimensions			Weight kg
		damax	Damax	ramax	
mm					
7016AC/P4	24.7	87	118	1	0.845
7016AC	40.6	87	118	1	0.849
7016CA/HQ1P4	24.7	87	118	1	0.845
7016ACJ	34.9	87	118	1	0.849
7016ACM	34.9	87	118	1	0.983
7216C	59	91	129	2	1.52
7216CM	27.7	90	130	2	1.74
7216ACM	38.7	90	130	2	1.73
B7216C	27.7	90	130	2	1.47
7216AC	38.7	90	130	2	1.48
7216AC/P4	38.7	90	130	2	1.48
7316ACM	48.7	92	158	2	4.1
7316ACJ	48.7	92	158	2	3.88
7316AC	48.7	92	158	2	3.59
7316ACF3	48.7	92	158	2	4.15
7316BM	71.9	92	158	2	4.15
7416ACM	56.7	94	186	2.5	8.60
7416AC	56.7	94	186	2.5	7.18
7416ACJ	56.7	94	186	2.5	7.22
7416BM	82.7	96	184	2.5	8.05
7416BT	77	96	184	2.5	7.3
7017ACM	36.1	92	123	1	1.11
7017AC	36.1	92	123	1	0.95
7017C	25.5	92	123	1	0.901
7217CM	29.7	95	140	2	2.11
7217CJ	29.7	95	140	2	1.96
7217AC	41.4	95	140	2	1.91
7217ACTN1	41.4	95	140	2	1.96
7217ACM	41.4	95	140	2	1.72
7217ACJ	41.4	95	140	2	1.97
7217BM	63	96	139	2	2.26

Single-row Angular Contact Ball Bearing

d 85–95 mm

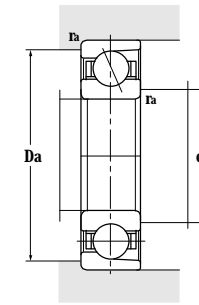
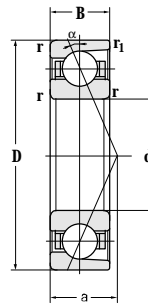


Principal dimensions					Basic load ratings		Limit speed ratings	
d	D	B	r	r ₁	C _r	C _{or}	Grease	Oil
mm					kN		r/min	
85	180	41	3	1.1	146	122	3000	4000
	180	41	3	1.1	146	122	3000	4000
	180	41	3	1.1	146	122	3000	4000
	180	41	3	1.1	125	137	3200	4300
	180	41	3	1.1	165	137	3200	4300
	180	41	3	1.1	123	122	3200	4300
	180	41	3	1.1	165	137	3200	4300
	180	41	3	1.1	165	137	3200	4300
90	140	24	1.5	0.6	67.6	66.0	4800	6700
	140	24	1.5	0.6	45.0	57.0	4300	6200
	140	24	1.5	0.6	69.0	66.0	4800	6700
	140	24	1.5	0.6	58.5	57.0	4300	6200
	160	30	2	1	122	105	6300	9000
	160	30	2	1	122	105	6300	9000
	160	30	2	1	117	100	4500	6000
	160	30	2	1	117	100	3600	4800
	160	30	2	1	117	100	4500	6000
	160	30	2	1	103	88.0	3200	4300
	160	30	2	1	117	100.0	3400	4500
	190	43	3	1.1	120	135.0	3000	4000
	190	43	3	1.1	135	152.0	3000	4000
	190	43	3	1.1	141	158.0	3000	4000
	190	43	3	1.1	183	158	5200	6300
	190	43	3	1.1	176	152	3200	4300
	190	43	3	1.1	156	135	2800	3800
	190	43	3	1.1	172	145	4200	8800
	190	43	3	1.1	156	135	2200	3000
	225	54	4	1.5	233	214	2900	4000
	225	54	4	1.5	210	193	1900	2900
	225	54	4	1.5	230	213	1900	2800
225	54	4	1.5	210	193	1900	2800	
95	145	24	1.5	0.6	53.5	69.0	5200	6300

Designations	Contact points a	Abutment and fillet dimensions			Weight kg
		damax	Damax	ramax	
mm					
7317BM	76.1	99	166	2.5	4.89
7317BT	76.1	99	166	2.5	4.34
7317BTN1	76.2	99	166	2.5	4.26
7317AC	76	99	166	2.5	4.35
7317ACM	76	99	166	2.5	5.02
7317BM	76	99	166	2.5	5.02
IS-7317ACM	76	99	166	2.5	5.02
7018ACM	38.8	99	131	1.5	1.39
7018BT	60.2	99	131	1.5	1.2
7018ACMA/P5	38.8	99	131	1.5	1.37
7018BM	60.2	99	131	1.5	1.43
7218CM	31.7	100	150	2	2.37
7218C	31.7	100	150	2	2.09
7218ACM	44.1	100	150	2	2.39
7218ACJ	44.1	100	150	2	2.16
7218AC	44.1	100	150	2	2.11
7218BM	67.4	100	150	2	3.38
7218ACM-NTW	67	101	149	2	2.39
7318BT	80	104	176	2.5	4.75
7318AC	80	104	176	2.5	5.35
7318C	80	104	176	2.5	4.96
7318CM	40.3	104	176	2.5	5.7
7318ACM	54.1	104	176	2.5	6.17
7318BM	80.2	104	176	2.5	5.13
B7318C	40.3	104	176	2.5	4.90
7318B	80.2	104	176	2.5	4.94
7418ACM	63.8	108	207	3	11.5
7418BM	93.1	110	205	3	11.4
7418AC	86	110	205	3	10
7418BT	86	110	205	3	10.3
7019ACM	40	93	135	1.5	1.44

Single-row Angular Contact Ball Bearing

d 95–110 mm



Principal dimensions					Basic load ratings		Limit speed ratings	
d	D	B	r	r ₁	C _r	C _{or}	Grease	Oil
mm					kN		r/min	
95	145	24	1.5	0.6	53.5	69	5200	6300
	145	24	1.5	1.5	74	73	6700	8900
	170	32	2.1	1.1	139	120	6000	8500
	170	32	2.1	1.1	139	120	4800	6800
	170	32	2.1	1.1	133	114	4300	5600
	170	32	2.1	1.1	133	114	3400	4500
	170	32	2.1	1.1	116	101	3000	4000
	200	45	3	1.1	168	150	2900	3900
	200	45	3	1.5	196	174	2800	3800
	200	45	3	1.1	188	167	2800	3800
100	150	24	1.5	0.6	76.7	77.0	4500	6000
	180	34	2.1	1.1	156	136	5600	8000
	180	34	2.1	1.1	130	114	2800	3800
	180	34	2.1	1.1	148	130	4000	5300
	180	34	2.1	1.1	148	130	4000	5300
	215	47	3	1.1	210	198	2600	3600
	215	47	3	1.1	213	199	2800	3800
	215	47	3	1.1	190	177	2400	3400
	215	47	3	1.1	190	177	1900	2700
	215	47	3	1.1	190	177	1900	2700
	215	47	3	1.1	210	198	2600	3600
	105	190	36	2.1	1.1	131	114	2800
225		49	3	1.1	202	193	2400	3200
110	170	21	1.5	1.5	76.7	82.0	4800	6800
	170	28	2	1	98.8	101	3200	4200
	170	28	2	1	98.8	101	3200	4200
	170	28	2	1	98.8	101	4000	5300
	170	28	2	1	98.8	101	4000	5300
	175	30	1.1	0.7	103	104	3200	4200

Designations	Contact points a	Abutment and fillet dimensions			Weight kg	
		damax	Damax	ramax		
mm						
7019AC	40	93	135	1.5	1.21	
7019C	28.3	103.5	136.5	1.5	1.21	
7219CM	33.8	107	158	2	2.95	
7219CJ	33.8	107	158	2	2.76	
7219ACM	46.9	107	158	2	2.95	
7219ACJ	46.9	107	158	2	2.76	
7219B	71.7	107	158	2	3.00	
7319BM	84.4	109	186	2.5	6.67	
7319CM	84	109	186	2.5	6.32	
7319ACM	84	109	186	2.5	6.32	
7020AC	41.2	109	141	1.5	1.25	
	7220CM	35.8	112	168	2	3.57
	7220BM	75.7	112	168	2	4.00
	7220AC	49.6	112	168	2	3.25
	7220AC/P4	49.6	112	168	2	3.25
	7320AC	90	114	201	2.5	8.33
	7320ACM	60.2	114	201	2.5	9.61
	7320BM	89.6	114	201	2.5	8.41
	7320B	89.6	114	201	2.5	7.29
	7320BT	89.6	114	201	2.5	7.58
	7320ACM	90	114	201	2.5	9.68
	7221ACM	80	117	178	2	4.36
7321BM		93.7	119	211	2.5	9.51
7022AX2M	50.9	115	165	1.5	1.86	
	7022ACJ	46.6	120	160	2	1.90
	B7022AC	47	120	160	2	2.03
	7022ACM	46.7	120	160	2	2.41
	7022AC	46.7	120	160	2	2.16
	46722K	49.7	117	168	1	2.38