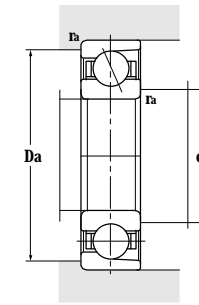
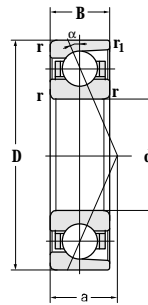


Single-row Angular Contact Ball Bearing

d 40-50 mm



Principal dimensions					Basic load ratings		Limit speed ratings	
d	D	B	r	r <sub>1</sub>	C <sub>r</sub>	Cor	Grease	Oil
mm					kN		r/min	
<b>40</b>	110	27	2	1	90.5	39.0	5600	7500
<b>45</b>	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
<b>50</b>	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			
<b>7408BM</b>	45	60	100	2	1.47
<b>7009AC</b>	25.3	51	69	1	0.239
<b>7009C</b>	16	50.5	69.5	1	0.24
<b>B7209C</b>	18.2	52	78	1	0.418
<b>7209C</b>	18.2	52	78	1	0.403
<b>7209AC</b>	37	52	78	1	0.404
<b>7209ACM</b>	37	52	78	1	0.49
<b>7309C</b>	22.2	64	91	1.5	0.834
<b>7309C/P4</b>	22.2	64	91	1.5	0.834
<b>7309ACM</b>	29.4	64	91	1.5	1.02
<b>7309BM</b>	42.9	64	91	1.5	1.02
<b>7309BM</b>	42.9	64	91	1.5	1.01
<b>7309ACM</b>	43	54	91	1.5	1.01
<b>7409BM</b>	48	55	110	2	1.82
<b>7409BT</b>	48	55	110	2	1.65
<b>7010CM</b>	16.7	57	73	1	0.309
<b>7010C</b>	16.8	55.5	74.5	1	0.249
<b>7010AC</b>	26.8	56	74	1	0.254
<b>7010ACM</b>	23.2	57	73	1	0.314
<b>7210C</b>	19.4	57	83	1	0.458
<b>B7210C</b>	19.4	57	83	1	0.506
<b>7210AC</b>	26.3	57	83	1	0.460
<b>7210ACM</b>	26.3	57	83	1	0.561
<b>7210B</b>	39.4	57	83	1	0.487
<b>7310ACM</b>	32.2	60	100	2	1.21
<b>7310BM</b>	47.1	60	100	2	1.17
<b>7310C</b>	24.2	60	100	2	1.04
<b>7310CM</b>	24.2	60	100	2	1.21
<b>7310B</b>	47.1	60	100	2	1.05
<b>7310BM</b>	47	61	99	2	1.19
<b>7410ACM</b>	36.5	62	118	2.1	2.30
<b>7410BM</b>	53.3	62	118	2.1	2.36
<b>7410AC</b>	53	64	116	2	1.95