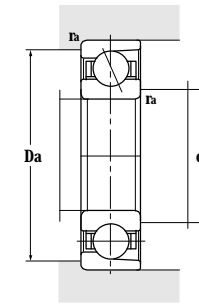
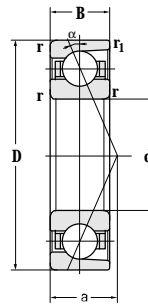


Single-row Angular Contact Ball Bearing



d 80–85 mm



Principal dimensions					Basic load ratings		Limit speed ratings	
d	D	B	r	r <sub>1</sub>	C <sub>r</sub>	C <sub>or</sub>	Grease	Oil
mm					kN		r/min	
<b>80</b>	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	
<b>85</b>	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
		d <sub>amax</sub>	D <sub>amax</sub>	r <sub>amax</sub>	
mm					
<b>7016AC/P4</b>	24.7	87	118	1	0.845
<b>7016AC</b>	40.6	87	118	1	0.849
<b>7016CA/HQ1P4</b>	24.7	87	118	1	0.845
<b>7016ACJ</b>	34.9	87	118	1	0.849
<b>7016ACM</b>	34.9	87	118	1	0.983
<b>7216C</b>	59	91	129	2	1.52
<b>7216CM</b>	27.7	90	130	2	1.74
<b>7216ACM</b>	38.7	90	130	2	1.73
<b>B7216C</b>	27.7	90	130	2	1.47
<b>7216AC</b>	38.7	90	130	2	1.48
<b>7216AC/P4</b>	38.7	90	130	2	1.48
<b>7316ACM</b>	48.7	92	158	2	4.1
<b>7316ACJ</b>	48.7	92	158	2	3.88
<b>7316AC</b>	48.7	92	158	2	3.59
<b>7316ACF3</b>	48.7	92	158	2	4.15
<b>7316BM</b>	71.9	92	158	2	4.15
<b>7416ACM</b>	56.7	94	186	2.5	8.60
<b>7416AC</b>	56.7	94	186	2.5	7.18
<b>7416ACJ</b>	56.7	94	186	2.5	7.22
<b>7416BM</b>	82.7	96	184	2.5	8.05
<b>7416BT</b>	77	96	184	2.5	7.3
<b>7017ACM</b>	36.1	92	123	1	1.11
<b>7017AC</b>	36.1	92	123	1	0.95
<b>7017C</b>	25.5	92	123	1	0.901
<b>7217CM</b>	29.7	95	140	2	2.11
<b>7217CJ</b>	29.7	95	140	2	1.96
<b>7217AC</b>	41.4	95	140	2	1.91
<b>7217ACTN1</b>	41.4	95	140	2	1.96
<b>7217ACM</b>	41.4	95	140	2	1.72
<b>7217ACJ</b>	41.4	95	140	2	1.97
<b>7217BM</b>	63	96	139	2	2.26