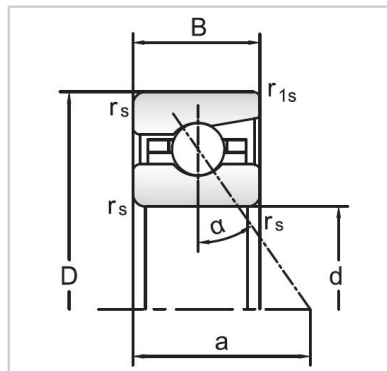


Angular Contact Ball Bearings

72 Series Angular Contact Ball Bearings



Bear ing NO.	Dimensions(mm)					Mounting dimensions				Loading kN		Limited Speed r/min		Prelaoding N			Axial rigidityRa N/μm			Wei ght Kg ≈
	d	D	B	ra min	rl min	da min	Da/ Db max	ra max	rb max	Cr	Cor	Lub.	Oil.	A(L)	B(M)	C(H)	A(L)	B(M)	C(H)	
720 4C	20	47	14	1	0.3	26.5	40.5	1	0.3	13.1	9.6	340 00	500 00	70	210	420	27	39	49	0.11
720 4AC	20	47	14	1	0.3	26.5	40.5	1	0.3	12.6	9.2	300 00	450 00	115	340	680	72	100	126	0.11
720 5C	25	52	15	1	0.3	30.5	46.5	1	0.3	16.8	13.1	300 00	450 00	90	270	540	32	46	58	0.14
720 5AC	25	52	15	1	0.3	30.5	46.5	1	0.3	16.1	12.5	260 00	400 00	150	450	900	85	119	150	0.14
720 6C	30	62	16	1	0.3	36.5	55.5	1	0.3	23.4	18.8	240 00	380 00	120	360	720	38	55	69	0.21
720 6AC	30	62	16	1	0.3	36.5	55.5	1	0.3	22.3	18	200 00	340 00	200	600	1200	101	141	178	0.21
720 7C	35	72	17	1.1	0.6	44	63	1.1	0.6	25.8	22.9	180 00	300 00	135	400	800	44	63	79	0.31
720 7AC	35	72	17	1.1	0.6	44	63	1.1	0.6	24.5	21.9	170 00	280 00	220	660	1320	116	162	204	0.31
720 8C	40	80	18	1.1	0.6	49	71	1.1	0.6	34.1	30.9	170 00	280 00	180	540	1080	50	72	92	0.4
720 8AC	40	80	18	1.1	0.6	49	71	1.1	0.6	32.5	29.5	150 00	240 00	295	880	1760	134	187	235	0.4
720 9C	45	85	19	1.1	0.6	54	76	1.1	0.6	35.5	33.8	160 00	260 00	187	560	1120	53	77	97	0.45
720 9AC	45	85	19	1.1	0.6	54	76	1.1	0.6	33.8	32.3	140 00	220 00	300	900	1800	142	199	250	0.45
721 0C	50	90	20	1.1	0.6	57.5	83	1.1	0.6	43.3	40.6	150 00	240 00	225	670	1340	57	82	104	0.49
721 0AC	50	90	20	1.1	0.6	57.5	83	1.1	0.6	41.3	38.7	140 00	220 00	365	1090	2180	151	212	267	0.49
721 1C	55	100	21	1.5	0.6	63	92	1.5	0.6	53.6	51.1	140 00	220 00	290	870	1740	63	91	116	0.65
721 1AC	55	100	21	1.5	0.6	63	92	1.5	0.6	51.1	48.8	130 00	200 00	460	1380	2760	169	236	297	0.65
721	60	110	22	1.5	0.6	71.5	100	1.5	0.6	55.8	56.2	120	190	305	910	182	67	97	123	0.86

2C							5					00	00			0				
721 2AC	60	110	22	1.5	0.6	71.5	100. 5	1.5	0.6	53	53.5	110 00	180 00	480	144 0	288 0	179	251	316	0.86
721 3C	65	120	23	1.5	0.6	76.5	108. 5	1.5	0.6	67.5	69	110 00	180 00	355	106 0	212 0	74	107	136	1.08
721 3AC	65	120	23	1.5	0.6	76.5	108. 5	1.5	0.6	64.2	65.8	950 0	160 00	570	171 0	342 0	198	277	348	1.08

Bear ing NO.	Dimensions(mm)					Mounting dimensions				Loading kN		Limited Speed r/min		Prelaoding N			Axial rigidityRa N/μm			Wei ght Kg ≈
	d	D	B	ra min	rb min	da min	Da/ Db max	ra max	rb max	Cr	Cor	Lub.	Oil.	A(L)	B(M)	C(H)	A(L)	B(M)	C(H)	
721 4C	70	125	24	1.5	0.6	81.5	113.5	1.5	0.6	70.2	74.6	1000	1700	370	1110	2220	78	113	143	1.19
721 4AC	70	125	24	1.5	0.6	81.5	113.5	1.5	0.6	66.6	71.1	9000	15000	590	1770	3540	209	293	368	1.19
721 5C	75	130	25	1.5	0.6	86.5	118.5	1.5	0.6	72.7	80.2	9500	16000	385	1150	2300	82	119	151	1.29
721 5AC	75	130	25	1.5	0.6	86.5	118.5	1.5	0.6	68.9	76.3	8500	14000	615	1840	3680	220	309	388	1.29
721 6C	80	140	26	2	1	92.5	128	2	1	86.5	96.5	9000	15000	460	1380	2760	90	130	165	1.58
721 6AC	80	140	26	2	1	92.5	128	2	1	82.1	91.9	8000	13000	750	2250	4500	240	338	424	1.58
721 7C	85	150	28	2	1	98.5	137	2	1	97.4	107.5	8500	14000	515	1540	3080	93	134	169	1.96
721 7AC	85	150	28	2	1	98.5	137	2	1	92.5	102.4	7500	12000	825	2470	4940	247	347	436	1.96
721 8C	90	160	30	2	1	103	147	2	1	121.9	131.3	8000	13000	655	1960	3920	110	160	202	2.44
721 8AC	90	160	30	2	1	103	147	2	1	115.8	124.6	7000	11000	1050	3150	6300	276	394	496	4.44
721 9C	95	170	32	2.1	1.1	112	153	2.1	1.1	128.9	145.1	7500	11000	1050	3150	6300	276	394	496	2.93
721 9AC	95	170	32	2.1	1.1	112	153	2.1	1.1	122.5	138.3	6700	10000	1050	3150	6300	286	410	517	2.93
722 0C	100	180	34	2.1	1.1	116	164	2.1	1.1	146.2	165.9	7000	11000	770	2310	4620	114	165	208	3.51
722 0AC	100	180	34	2.1	1.1	116	164	2.1	1.1	138.9	158.2	6700	10000	1240	3720	7440	305	427	537	3.51
722 1C	105	190	36	2.1	1.1	122	173	2.1	1.1	164.3	188.2	7000	11000	890	2670	5340	121	175	221	4.17
722 1AC	105	190	36	2.1	1.1	122	173	2.1	1.1	156.3	179.5	6300	9500	1430	4290	8580	323	454	570	4.17
722 2C	110	200	38	2.1	1.1	130	181	2.1	1.1	170.4	202.5	6700	10000	920	2760	5520	127	184	233	4.95
722 2AC	110	200	38	2.1	1.1	130	181	2.1	1.1	161.8	193	6000	9000	1480	4440	8880	341	478	601	4.95
722 4C	120	215	40	2.1	1.1	143	192	2.1	1.1	175.4	218.4	6000	9000	950	2850	5700	133	193	245	6.01
722 4AC	120	215	40	2.1	1.1	143	192	2.1	1.1	166.3	207.9	5300	8000	1500	4500	9000	358	502	631	6.01

Bear ing NO.	Dimensions(mm)					Mounting dimensions				Loading kN		Limited Speed r/min		Prelaoding N			Axial rigidityRa N/μm			Wei ght Kg ≈
	d	D	B	ra min	ri min	da min	Da/ Db max	ra max	rb max	Cr	Cor	Lub.	Oil.	A(L)	B(M)	C(H)	A(L)	B(M)	C(H)	
722 6C	130	230	40	3	1.1	151. 5	209	3	1.1	200. 6	258. 3	560 0	850 0	105 0	310 0	620 0	139	202	255	6.41
722 6AC	130	230	40	3	1.1	151. 5	209	3	1.1	190. 4	246. 2	500 0	750 0	160 0	480 0	960 0	373	525	659	6.41
722 8C	140	250	42	3	1.1	165	225. 5	3	1.1	223. 6	306. 6	500 0	750 0	120 0	360 0	720 0	152	221	279	8.17
722 8AC	140	250	42	3	1.1	165	225. 5	3	1.1	212. 3	292. 2	450 0	670 0	190 0	570 0	114 00	410	575	723	8.17
723 0C	150	270	45	3	1.1	178. 5	242	3	1.1	240. 9	341. 5	450 0	670 0	128 0	380 0	760 0	158	229	290	10.3 8
723 0AC	150	270	45	3	1.1	178. 5	242	3	1.1	228. 7	325. 5	400 0	600 0	205 0	610 0	122 00	426	599	753	10.3 8
723 2C	160	290	48	3	1.1	193. 5	257	3	1.1	248. 6	365. 8	430 0	630 0	133 0	400 0	800 0	165	240	303	13.1
723 2AC	160	290	48	3	1.1	193. 5	257	3	1.1	236. 1	348. 6	380 0	560 0	210 0	630 0	126 00	446	627	788	13.1
723 4C	170	310	52	4	1.5	202	278. 5	4	1.5	300. 2	459. 2	380 0	560 0	160 0	480 0	960 0	173	251	318	15.9 3
723 4AC	170	310	52	4	1.5	202	278. 5	4	1.5	285	437. 6	360 0	530 0	250 0	750 0	150 00	468	658	827	15.9 3
723 6C	180	320	52	4	1.5	212	288. 5	4	1.5	311. 2	490. 8	380 0	560 0	166 0	490 0	980 0	181	264	334	16.6 1
723 6AC	180	320	52	4	1.5	212	288. 5	4	1.5	295. 5	467. 7	340 0	500 0	265 0	790 0	158 00	492	691	869	16.6 1
723 8C	190	340	55	4	1.5	227	303. 5	4	1.5	321. 3	524. 8	340 0	500 0	170 0	510 0	102 00	190	276	349	20.2 9
723 8AC	190	340	55	4	1.5	227	303. 5	4	1.5	305. 1	500. 1	320 0	480 0	270 0	810 0	162 00	515	724	910	20.2 9
724 0C	200	360	58	4	1.5	242	318. 5	4	1.5	330. 9	558. 6	320 0	480 0	176 0	530 0	106 00	198	288	365	24.4 9
724 0AC	200	360	58	4	1.5	242	318. 5	4	1.5	314. 2	532. 3	300 0	450 0	280 0	840 0	168 00	538	756	951	24.4 9