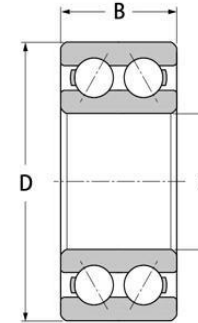


## Double Row Angular Contact Ball Bearing



Bearing NO.		Boundary dimensions(mm)					Basic load ratings(kN)		Limiting speed(rpm)		Contact Angle	Design	Application point	Value						Weight (kg)	Refer foreign model		
New	Old	d	D	B/C	r <sub>1</sub> , 2min	r <sub>3</sub> , 4min	Cr	Cor	Grease	Oil	α		a	e	x	Y <sub>1</sub>	Y <sub>2</sub>	Y <sub>0</sub>	Refer	SKF	FAG	NSK	
3220X1	4086920H	100	170	60.3	2.1	2.1	135	145	2200	3200	40	2	144	1.14	0.57	0.55	0.93	0.52	5.35	305397D	511044A	100BDZ1701E4	
3220		100	180	60.3	2.1	2.1	157	220	2000	3000	32	1	118	0.86	0.62	0.73	1.17	0.63	6.1	3220			
3320		100	215	82.6	3	3	255	355	1800	2600	32	1	139	0.86	0.62	0.73	1.17	0.63	13.5	3320			
3221		105	190	65.1	2.1	2.1	168	186	1900	2800	32	1	124	0.86	0.62	0.73	1.17	0.63	7.4	3221			
3222M		110	200	69.8	2.1	2.1	190	270	1900	2800	32	1	132	0.86	0.62	0.73	1.17	0.63	8.8	3222			
3322		110	240	92.1	3	3	292	355	1700	2400	32	1	153	0.86	0.62	0.73	1.17	0.63	19	3322			
4024X2D		120	180	56	2.1	2.1	148	192	1900	2800	32	2	153.9	0.86	0.62	0.73	1.17	0.63	5.64		541983	120BDZ10E4	
4024DM	4086124H	120	180	60	2.1	2.1	148	192	1900	2800	32	2	124	0.86	0.62	0.73	1.17	0.63	6.1				
4024X3DM	4086124KH	120	190	66	2.1	2.1	182	230	1900	2800	32	2	130	0.86	0.62	0.73	1.17	0.63	6.65	305256D	517458A		
	156724H	120	190	66	2.1	2.1	190	240	1900	2800	32	4	64	0.86	0.62	0.73	1.17	0.63	6.6	309733			
3324		120	260	106	3	3	314	390	1700	2400	45	1	243	1.34	0.54	0.47	0.81	0.44	27	3324			
4026X2DM	4086726H	130	200	75	2.1	2.1	121	208	1700	2400	45	2	203	1.34	0.54	0.47	0.81	0.44	8.06				
4028X3DM	86728H	140	209.5	66	2.1	2.1	174	239	1700	2400	40	2	182	1.14	0.57	0.55	0.93	0.52	7.4	309515D	538854		
4028X2DM	156928H	140	210	66	2.1	2.1	174	239	1700	2400	40	2	179.8	1.14	0.57	0.55	0.93	0.52	8			140BDZ10E4	
4028DM	4086128H	140	210	69	2.1	2.1	174	239	1700	2400	40	2	182	1.14	0.57	0.55	0.93	0.52	8				
4030X2DM	86730H	150	225	73	2.1	2.1	199	277	1600	2200	40	2	194	1.14	0.57	0.55	0.93	0.52	9.5	305286D	510776A	150BDZ2201E4	
4030DM	4086130H	150	225	75	2.1	2.1	199	277	1600	2200	40	2	194	1.14	0.57	0.55	0.93	0.52	9.7				
4030X3DM	86830H	150	230	70	2.1	2.1	221	300	1600	2200	40	2	194	1.14	0.57	0.55	0.93	0.52	10	305283D	506963	150BDZ2301E4	
305248	156730H	150	240	84	2.1	2.1	258	345	1600	2200	40	4	122	1.14	0.57	0.55	0.93	0.52	16	305248	504083	150BDY2401E	
305608A	156932H	160	215	56/50	1.1	2	128	213	1600	2200	40	3	186	1.14	0.57	0.55	0.93	0.52	5.45	305608A	514478	160BDZ2101E4	
	156132KH	160	239.5	76	2	2	225	320	1600	2200	40	2	205.8	1.14	0.57	0.55	0.93	0.52	11		537406	160BDZ10XE4	
3032X2DM	4086132KH	160	240	58	2	2	146	255	1600	2200	40	2	197	1.14	0.57	0.55	0.93	0.52	8.6				
4032X2DM	156132H	160	240	76	2.1	2.1	225	320	1600	2200	40	4	130	1.14	0.57	0.55	0.93	0.52	11	305183	507511	160BDY10E	
4032DM	4086132H	160	240	80	2.1	2.1	161	289	1600	2200	45	2	240	1.34	0.54	0.47	0.81	0.44	12.2				
4934X3DM	40886734H	170	259.5	84	2.1	2.1	270	385	1500	2000	40	2	222.4	1.14	0.57	0.55	0.93	0.52	17		538853	170BDZ10XE4	
305180	156134H	170	260	84	2.1	2.1	270	385	1400	1900	40	4	138	1.14	0.57	0.55	0.93	0.52	17	305180	503288	170BDY10E	
4034DM	4086134H	170	260	90	2.1	2.1	270	385	1500	2000	40	2	260	1.14	0.57	0.55	0.93	0.52	17.4				

4635DM		175	280	92	2.1	2.1	293	435	1300	1800	40	4	147	1.14	0.57	0.55	0.93	0.52	21	305351	506872	175BDY2801E
4936X2DM		180	250	66	2.1	2.1	190	300	1500	2000	40	4	147.4	1.14	0.57	0.55	0.93	0.52	9.83		528711A	180BDY09E
4936DM		180	249.5	70	2.1	2.1	185	285	1500	2000	40	2	215	1.14	0.57	0.55	0.93	0.52	10.8			
	156936KH	180	249.5	70	2.5	2.5			1400	1900	40	3	145	1.14	0.57	0.55	0.93	0.52				
	156936H	180	250	70	2.1	2.1	190	300	1400	1900	40	3	145	1.14	0.57	0.55	0.93	0.52	11	305455B	508893	180BDY2501E
4936X3DM	86736H	180	259.5	66	2.1	2.1	262	390	1400	1900	40	2	170	1.14	0.57	0.55	0.93	0.52	10.8	305262D	509059A	180BDZ2501E4
4036X2DM		180	280	92	2.1	2.1	300	455	1300	1800	32	4	147						21.9	305172B	503739	180BDY10E
4036DM	4086136H	180	280	100	2.1	2.1	300	455	1300	1800	40	2	243	1.14	0.57	0.55	0.93	0.52	23.4			
4938X3-1DM		190	255	66/58	1.1	1.1	170	280	1300	1800	40	3	220	1.14	0.57	0.55	0.93	0.52	9	305609A	514479	190BDZ2501E4
4938X3DM	86738H	190	269.5	66	2.1	2.1	267	405	1300	1800	32	2	132	0.86	0.62	0.73	1.17	0.63	11	305338D	508658A	190BDZ2601E4
4038X2DM		190	290	92	2.1	1.1	325	505	1200	1700	32	4	104	0.86	0.62	0.73	1.17	0.63	21.9		507510A	190BDY10E
4038DM	4086138H	190	290	100	2.1	1.1	363	516	1200	1700	40	2	251	1.14	0.57	0.55	0.93	0.52	23			
4940X3DM	86740H	200	279.5	76	2.1	2.1	240	378	1200	1700	40	2	240	1.14	0.57	0.55	0.93	0.52	14.3	305428D	508733A	200BDZ09XE4
4940X2DM		200	280	76	2.1	2.1	226	360	1200	1700	40	4	163	1.14	0.57	0.55	0.93	0.52	14.4	305237A		200BDY09E
	156940H	200	280	80	2.1	2.1	240	378	1200	1700	40	4	161	1.14	0.57	0.55	0.93	0.52	15.2	305393	507629	200BDY2801E
4940X3D-1M	86840H	200	289.5	76	2.1	2.1	299	465	1200	1700	32	2	192	0.86	0.62	0.73	1.17	0.63	16.5	305263D	509590A	200BDZ2801E4
4040X3DM		200	309.5	96	3	3	355	560	1100	1600	40	4	166	1.14	0.57	0.55	0.93	0.52	26.5			200BDZ3001E4
	305352	200	310	96	3	3	355	560	1100	1600	40	4	166	1.14	0.57	0.55	0.93	0.52	26.6	305352	506871	200BDY3101E
4040DM	4086140H	200	310	109	3	3	364	592	1100	1600	40	2	268	1.14	0.57	0.55	0.93	0.52	28.6			
4944X2DM		220	300	76/70	1.1	2	231	405	1100	1600	40	3	256	1.14	0.57	0.55	0.93	0.52	14.5	305610A	514480	220BDZ09E4
4944X3D	86744H	220	309.5	76	3	3	335	545	1000	1500	32	2	204	0.86	0.62	0.73	1.17	0.63	18	305272D	511045A	220BDZ3001E4
4044DM	4086144H	220	340	118	3	3	377	599	1000	1500	40	2	294	1.14	0.57	0.55	0.93	0.52	26			
4946X1DM	86746H	230	329.5	80	3	3	360	615	950	1400	32	2	214	0.86	0.62	0.73	1.17	0.63	21	305264D	508732A	230BDZ3201E4
4048X1DM	4086148KH	240	359.5	118	3	3	361	651	900	1300	40	2	311	1.14	0.57	0.55	0.93	0.52	44.9			
4048DM	4086148H	240	360	118	3	3	361	651	900	1300	40	2	311	1.14	0.57	0.55	0.93	0.52	44.9			
4048X3DM	86748KH	240	370	112	3	3	389	650	900	1300	40	2	312	1.14	0.57	0.55	0.93	0.52	45			
3248X2DM	86748H	240	440	144	3	3	421	1008	850	1200	40	2	357	1.14	0.57	0.55	0.93	0.52	65.4			
305611A	86750H	250	340	76/70	2.1	2.1	274	515	950	1400	40	3	286	1.14	0.57	0.55	0.93	0.52	19	305611A	514481	250BDZ3401E4
4952X3DM	86752H	260	369.5	92	4	4	375	670	850	1200	32	2	246	0.86	0.62	0.73	1.17	0.63	34.1	305270D	508731	260BDZ3601E4
305174B	156152H	260	400	130	4	4	505	945	850	1200	40	4	212	1.14	0.57	0.55	0.93	0.52	56	305174B	505057	260BDY10E
4052DM	4086152H	260	400	140	4	4	455	835	850	1200	40	2	347	1.14	0.57	0.55	0.93	0.52	61.5			
4956X3D-1M	86756KH	280	389.5	92	4	4	380	740	850	1200	32	2	258	0.86	0.62	0.73	1.17	0.63	32	305269D	508730	280BDZ3801E4
4956X3DM	86756H	280	390	92	4	4	380	740	850	1200	40	2	258	1.14	0.57	0.55	0.93	0.52	32			
4056DM	4086156H	280	420	140	4	4	426	867	800	1100	40	2	364	1.14	0.57	0.55	0.93	0.52	58.9			
	86760H	300	419.5	112	4	4	409	800	800	1100	40	2	358	1.14	0.57	0.55	0.93	0.52	52.3			
4060DM	4086160H	300	460	160	4	4	485	860	800	1100	40	2	399	1.14	0.57	0.55	0.93	0.52	92.4			
4064X3DM	86764H	320	459.5	140	4	4	400	530	700	1000	40	2	397	1.14	0.57	0.55	0.93	0.52	80.8			
4064DM	4086164H	320	480	160	4	4	510	910	700	1000	40	2	416	1.14	0.57	0.55	0.93	0.52	94			
4068DM	4086168H	340	520	180	5	5	610	1040	600	900	40	2	451	1.14	0.57	0.55	0.93	0.52	126			
4072X2DM	4086172K	360	540	164	5	5	625	1180	500	800	40	2	460	1.14	0.57	0.55	0.93	0.52	131			
	309984	650	780	84	5	5	598	1530	360	480	30	2	455	0.8	0.63	0.78	1.24	0.66	81	BA2B309984		
311631		900	1030	135	5	4	650	2400	220	320	30	2	629	0.8	0.63	0.78	1.24	0.66	150	BA2B311631		
311495		1000	1170	140	5	2.5	820	3100	190	280	30	2	698	0.8	0.63	0.78	1.24	0.66	255	BA2B311495		