



LUOYANG TEDIN BEARING CO., LTD.

Tel: 0086-136-63889399;

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Double Row Angular Contact Ball Bearings

The double row angular contact ball bearing can bear the combined radial and axial load and torque load, which limits the axial displacement of the shaft. The double row angular contact ball bearing is mainly used to limit the axial displacement of the shaft and the shell. The inclination between the outer rings is limited. The allowable inclination angle depends on the internal clearance of the bearing, bearing size, The internal design and force and torque acting on the bearing, and the maximum allowable angle of inclination should ensure that no excessive additional stresses are generated in the bearing. If there is an angle between the outer rings in the bearing, the life of the bearing will be affected, and the operating accuracy of the bearing will be decreased, and the running noise will be increased. Double-row angular contact ball bearings generally use nylon cage or brass solid cage. When installing double-row angular contact ball bearing, although the bearing can withstand bidirectional axial load, if there is a ball filling gap on one side, we should pay attention not to let the main axial load pass through the edge of the gap side.

The following features available:

1. Cage Material: Brass, bakelite;
2. 40 series double row angular contact ball bearings;
3. 2344 series angular contact ball bearing;
4. 2347 series angular contact ball bearings;
5. Precision Grade: P5, P4; SP, P2;
6. We are a manufacturer, and have a large quantity in stock;

Double row Angular Contact Ball Bearing									
Designation		Basic Sized			Basic load ratings		Limit	Speed	weight
(Design)		inner ring	outer ring	width	dynamic	static			
New	Old	d	D	B	Cr	Cor	Grease	Oil	
—		mm			KN		r/min		
4030D	4086130	150	225	75	160	280	1600	2000	9.6
4030X2D	86730	150	225	73	160	280	1600	2000	9.4
4030X2D/W33	86730/W33	150	225	73	160	280	1600	2000	9.4
4030X2DT/W33		150	225	73	160	280	1600	2000	9.4



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4030X3D	86830	150	230	70	160	280	1600	2000	11.5
4030X3DC	156730K	150	210	56	111	197	1600	2000	6.3
3230X2D/W33		150	270	90	225	405	1600	2000	23.3
4032D	4086132	160	240	80	190	340	1450	1850	12
3032X2D	3086132KH	160	240	58	155	268	1450	1850	9.7
4032X2DC	156132	160	240	76	190	340	1450	1850	13.5
4932X2DC	156932	160	215	56	97	166	1600	2000	8.6
4932X3DC	156132K	160	239.8	76	191	340	1450	1850	12
4032X3DC	156832/W33	160	249.5	84	210	385	1450	1850	15
4034D	4086134	170	260	90	208	385	1300	1700	15.5
4034X2DC	156134	170	260	84	208	385	1300	1700	15
4034X3D	4086734	170	259.5	84	208	385	1300	1700	15
4934X3DC	156734H	170	230	56	105	162	1450	1850	7
4036D	4086136	180	280	100	237	450	1150	1500	24
4936X2DC	156736/W33	180	259.5	66	180	340	1250	1600	11
4936X3DC	156936/W33	180	250	70	166	320	1450	1850	9.2
4036X3DC	156836	180	259.5	80	180	340	1250	1600	14.5
4936X3D-1	86736HK	180	259.5	60	134	269	1250	1600	11
4036X3DC-1	156136	180	280	92	237	450	1150	1500	19.7
4936X3D/W33	86736	180	259.5	66	180	340	1250	1600	11
4036X2DT/W33		180	280	92	237	450	1150	1500	19.7
4038D	4086138	190	290	100	245	480	1100	1400	26.2
4038DC	156138	190	290	92	245	480	1100	1400	23
4938X3D	86738	190	269.5	66	183	290	1150	1500	12.5
4938X3D/W33	86738/W33	190	269.5	66	183	290	1150	1500	12.5
4040D	4086140	200	310	109	286	458	1000	1300	33.1
4040X3D	4086140K	200	309.5	102	286	419	1000	1300	33
4040X3DC	156140	200	310	96	286	458	1000	1300	29.5
4940X3D	86740	200	279.5	76	206	400	1100	1400	15
4940X3DC	156740	200	280	76	206	400	1100	1400	15.2
4940X3D-1	86840	200	289.5	76	226	458	1100	1400	15.5
4040X3DC-1	156940	200	280	80	206	400	1100	1400	16
4940X3D/W33	86740/W33	200	279.5	76	206	400	1100	1400	15



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4940X3D-1/W33		200	289.5	76	226	458	1100	1400	15.2
4044D	4086144	220	340	118	310	670	850	1100	33.5
4944X3D	86744	220	309.5	76	225	455	900	1200	22.1
2044X3D	86744/W33/LG	220	329.5	76	226	470	850	1100	21.4
4944X3D/W33	86744/W33	220	309.5	76	225	455	900	1200	22.1
4946X1D	86746	230	329.5	80	242	500	850	1100	23.5
4946X3D	156746	230	329.5	80	242	500	850	1100	23.5
4946X1D/W33	86746/W33	230	329.5	80	242	500	850	1100	23.5
4946X3D/W33	156746/W33	230	329.5	80	242	500	850	1100	23.5
4048D	4086148	240	360	118	315	700	850	1100	44
4048X1D	4086148K	240	359.5	118	315	700	850	1100	44
4048X3D	86748K	240	370	112	315	700	850	1100	46
4052D	4086152	260	400	140	436	735	800	1050	60
4952X3D	86752	260	369.5	92	270	600	850	1100	30.5
4952X3DC	156152	260	400	130	436	735	800	1050	56
4952X3D/W33	86752/W33	260	369.5	92	270	600	850	1100	30.5
4056D	4086156	280	420	140	410	950	800	1050	64.2
4956X3D	86756	280	390	92	305	715	850	1100	40
4956X3D	86756	280	390	92	305	715	850	1100	40
4956X3D-1	86756K	280	389.5	92	305	715	850	1100	35
4956X3DC/W33	156756/W33	280	389.5	92	310	745	850	1100	35
4956X3D-1/W33	86756K/W33	280	389.5	92	305	715	850	1100	35
4956X3D/W33		280	390	92	340	720	850	1100	40
4060D	4086160	300	460	160	425	820	750	1000	77.8
4960X3D	86760	300	419.5	112	360	678	750	1000	50.5
4060X2D/W33	156760/W33	300	459.5	112	425	820	750	1000	68
4960X3DC/W33	156860/W33	300	459.5	100	425	820	750	1000	66.5
4060X2D/W33		300	460	148	425	820	750	1000	84.4
4060X2DC/W33	156160K	300	460	148	425	820	750	1000	84.4
4064D	4086164	320	480	160	505	1360	700	950	98
4064X3D	86764	320	459.5	140	400	1020	750	1000	80
4064X3D/W33	86764/W33	320	459.5	140	400	1020	750	1000	80
4068D	4068168	340	520	180	600	1720	700	950	130.5
4068D/W33		340	520	180	600	1720	700	950	130.5



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4972X2D/W33		360	480	112	488	1100	670	900	57
4072X2D/W33		360	540	164	741	1700	630	850	125
4976X2D/W33		380	520	130	420	1170	670	900	83
4076X2D/W33		380	560	164	468	1520	600	800	133
4980X2D/W33		400	540	130	530	1210	600	800	84
4080X2D/W33		400	600	180	952	2000	560	750	170
4984X2D/W33		420	560	130	590	1300	560	750	89
4084X2D/W33		420	620	180	870	2100	530	700	177
4088X2D/W33		440	650	188	720	2340	500	670	200
4992X2D/W33		460	620	148	810	2000	950	1400	116
4092X2D/W33		460	680	200	1100	2800	480	630	240
4096X2D/W33		480	700	200	1000	2600	480	630	240
49/500X2D/W33		500	670	156	860	2400	500	670	156
40/500X2D/W33		500	720	200	1020	2700	450	600	260

For more information, please contact [Tedin's](#) technical center.