



LUOYANG TEDIN BEARING CO., LTD.

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CRB Series Crossed Roller Bearings

(Separable Outer Ring, Type for Inner Ring Rotation)

Its structure is that the outer ring is separable while the inner ring is integrated with the main body, without cage, but full complement. This model is used in locations where the rotation accuracy of the outer ring is required.

Shaf diameter (mm)	Model number	Main dimensions (mm)				Mounting dimensions (mm)		CRB		Weight
	Full Complement	Inner ring d	Outer diameter D	width B	Chamfer r (mm)	ds	Dh	dynamic load rating C (KN)	static load rating Co (KN)	Kg
40	CRB4010	40	65	10	0.3	44	54	5.98	8.04	0.15
50	CRB 5013	50	80	13	0.6	55	71	14.2	18.4	0.29
60	CRB 6013	60	90	13	0.6	64	81	15.4	21.5	0.33
70	CRB 7013	70	100	13	0.6	75	91	17	25.5	0.38
80	CRB 8016	80	120	16	0.6	86	107	24.3	37.5	0.74
90	CRB 9016	90	130	16	1	98	118	25.9	42.1	0.81
100	CRB 10020	100	150	20	1	108	134	39.4	61.1	1.45
110	CRB 11020	110	160	20	1	118	144	41.2	66.7	1.56
120	CRB 12025	120	180	25	1.5	132	164	59.9	95.4	2.62
130	CRB 13025	130	190	25	1.5	140	172	61	99.8	2.82
140	CRB 14025	140	200	25	1.5	151	183	64.1	108	2.96
150	CRB 15025	150	210	25	1.5	160	192	65	113	3.16
	CRB 15030	150	230	30	1.5	166	202	85.9	144	5.3
200	CRB 20025	200	260	25	2	208	239	75.3	148	4
	CRB 20030	200	280	30	2	218	262	133	234	6.7
	CRB 20035	200	295	35	2	221	274	168	282	9.58
250	CRB 25025	250	310	25	2.5	259	290	83.9	183	4.97
	CRB 25030	250	330	30	2.5	265	310	146	283	8.1
	CRB 25040	250	355	40	2.5	271	330	215	382	14.8
300	CRB 30025	300	360	25	2.5	310	341	91.9	217	5.88
	CRB 30035	300	395	35	2.5	318	372	205	408	13.4
	CRB 30040	300	405	40	2.5	321	381	235	451	17.2
400	CRB 40035	400	480	35	2.5	414	457	165	400	14.5



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	CRB 40040	400	510	40	2.5	423	483	270	590	23.5
	CRB 40070	400	580	70	2.5	430	532	576	1060	72.4
500	CRB 50040	500	600	40	2.5	517	573	259	648	26
	CRB 50050	500	625	50	2.5	531	592	306	747	41.7
	CRB 50070	500	680	70	2.5	530	633	653	1330	86.1
600	CRB 60040	600	700	40	3	621	676	287	774	30.6
	CRB 60070	600	780	70	3	630	734	700	1540	102
	CRB 600120	600	870	120	3	643	817	1490	2800	274
700	CRB 70045	700	815	45	3	730	785	301	917	46.5
	CRB 70070	700	880	70	3	731	834	766	1810	115
	CRB 700150	700	1020	150	3	751	953	1980	3820	478
800	CRB 80070	800	950	70	4	831	907	513	1440	109
	CRB 800100	800	1030	100	4	840	972	1140	2640	247

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