



LUOYANG TEDIN BEARING CO., LTD.

Tel: 0086-136-63889399;

Email: jenny.zhao@tedin-bearing.com;

Homepage: www.tedin-bearing.com;

CRBC 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.

Shaft diameter (mm)	Model number	Main dimensions (mm)				Mounting dimensions (mm)		CRBC		Weight
	With cage	Inner ring d	Outer diameter D	width B	Chamfer r (min)	ds	Dh	dynamic load rating C (KN)	static load rating Co (KN)	Kg
40	CRBC 4010	40	65	10	0.3	44	54	4.28	5.14	0.15
50	CRBC 5013	50	80	13	0.6	55	71	10.7	12.6	0.29
60	CRBC 6013	60	90	13	0.6	64	81	11.6	14.6	0.33
70	CRBC 7013	70	100	13	0.6	75	91	12.3	16.7	0.38
80	CRBC 8016	80	120	16	0.6	86	107	18.2	25.5	0.74
90	CRBC 9016	90	130	16	1	98	118	19.4	28.6	0.81
100	CRBC 10020	100	150	20	1	108	134	31.5	45.1	1.45
110	CRBC 11020	110	160	20	1	118	144	33.5	50.7	1.56
120	CRBC 12025	120	180	25	1.5	132	164	47.7	70.5	2.62
130	CRBC 13025	130	190	25	1.5	140	172	49.2	74.8	2.82
140	CRBC 14025	140	200	25	1.5	151	183	50.7	79.2	2.96
150	CRBC 15025	150	210	25	1.5	160	192	53.8	87.7	3.16
	CRBC 15030	150	230	30	1.5	166	202	69.2	108	5.3
200	CRBC 20025	200	260	25	2	208	239	60.2	110	4
	CRBC 20030	200	280	30	2	218	262	108	178	6.7
	CRBC 20035	200	295	35	2	221	274	137	215	9.58
250	CRBC 25025	250	310	25	2.5	259	290	67.2	136	4.97
	CRBC 25030	250	330	30	2.5	265	310	116	208	8.1
	CRBC 25040	250	355	40	2.5	271	330	179	299	14.8
300	CRBC 30025	300	360	25	2.5	310	341	73.8	162	5.88
	CRBC 30035	300	395	35	2.5	318	372	163	299	13.4
	CRBC 30040	300	405	40	2.5	321	381	194	351	17.2
400	CRBC 40035	400	480	35	2.5	414	457	133	300	14.5



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	CRBC 40040	400	510	40	2.5	423	483	222	455	23.5
	CRBC 40070	400	580	70	2.5	430	532	470	811	72.4
500	CRBC 50040	500	600	40	2.5	517	573	211	497	26
	CRBC 50050	500	625	50	2.5	531	592	247	561	41.7
	CRBC 50070	500	680	70	2.5	530	633	536	1020	86.1
600	CRBC 60040	600	700	40	3	621	676	231	581	30.6
	CRBC 60070	600	780	70	3	630	734	591	1230	102
	CRBC 600120	600	870	120	3	643	817	1250	2210	274
700	CRBC 70045	700	815	45	3	730	785	250	681	46.5
	CRBC 70070	700	880	70	3	731	834	630	1390	115
	GRBC700150	700	1020	150	3	751	953	1660	3010	478
800	CRBC 80070	800	950	70	4	831	907	417	1090	109
	CRBC800100	800	1030	100	4	840	972	936	2040	247

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