



LUOYANG TEDIN BEARING CO., LTD.

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RU Series Crossed Roller Bearings

(Integrated Inner/Outer Ring Type)

Rotation Accuracy of Model

Unit: μm

Model Number	Tolerance of the inner ring						Tolerance of the Outer ring					
	Radial runout			Axial runout			Radial runout			Axial runout		
	P5	P4	P2	P5	P4	P2	P5	P4	P2	P5	P4	P2 级
RU42	4	3	2.5	4	3	2.5	8	5	4	8	5	4
RU66	5	4	2.5	5	4	2.5	10	6	5	10	6	5
RU85	5	4	2.5	5	4	2.5	10	6	5	10	6	5
RU124	5	4	2.5	5	4	2.5	13	8	5	13	8	5
RU148	6	5	2.5	6	5	2.5	15	10	7	15	10	7
RU178	6	5	2.5	6	5	2.5	15	10	7	15	10	7
RU228	8	6	5	8	6	5	18	11	7	18	11	7
RU297	10	8	5	10	8	5	20	13	8	20	13	8
RU445	15	12	7	15	12	7	25	16	10	25	16	10

Note: The standard rotation accuracy of model RU is grade P5.

shaft diameter (mm)	Model Number	Main dimensions (mm)	Shoulder height	Basic load rating (radial)	weight
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	THK	IKO	Inner ring d (mm)	Outer ring D (mm)	dp	width BB1	r(mi n)	ds (mm)	Dh (mm)	C kN	Co kN	Kg
20	RU42	CRBF2012AT	20	70	41.5	12	0.6	37	47	7.35	8.35	0.29
35	RU66	CRBF3515AT	35	95	66	15	0.6	59	74	17.5	22.3	0.62
55	RU85	CRBF5515AT	55	120	85	15	0.6	79	93	20.3	29.5	1
80	RU124G/RU124	CRBF8022AD /CRBF8022A	80	165	124	22	1	114	134	33.1	50.9	2.6
	RU124X	CRBF8022AT										
90	RU148G/RU148	/	90	210	147.5	25	1.5	133	162	49.1	76.8	4.9
	RU148X	/										
115	RU178G/RU178	/	115	240	178	28	1.5	161	195	80.3	135	6.8
	RU178X	/										
160	RU228G/RU228	/	160	295	227.5	35	2	208	246	104	172	11.4
	RU228X	/										
210	RU297G/RU297	/	210	380	297.3	40	2.5	272	320	156	281	21.3
	RU297X	/										
350	RU445G/RU445	/	350	540	445.4	45	2.5	417	473	222	473	35.4
	RU445X	/										

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