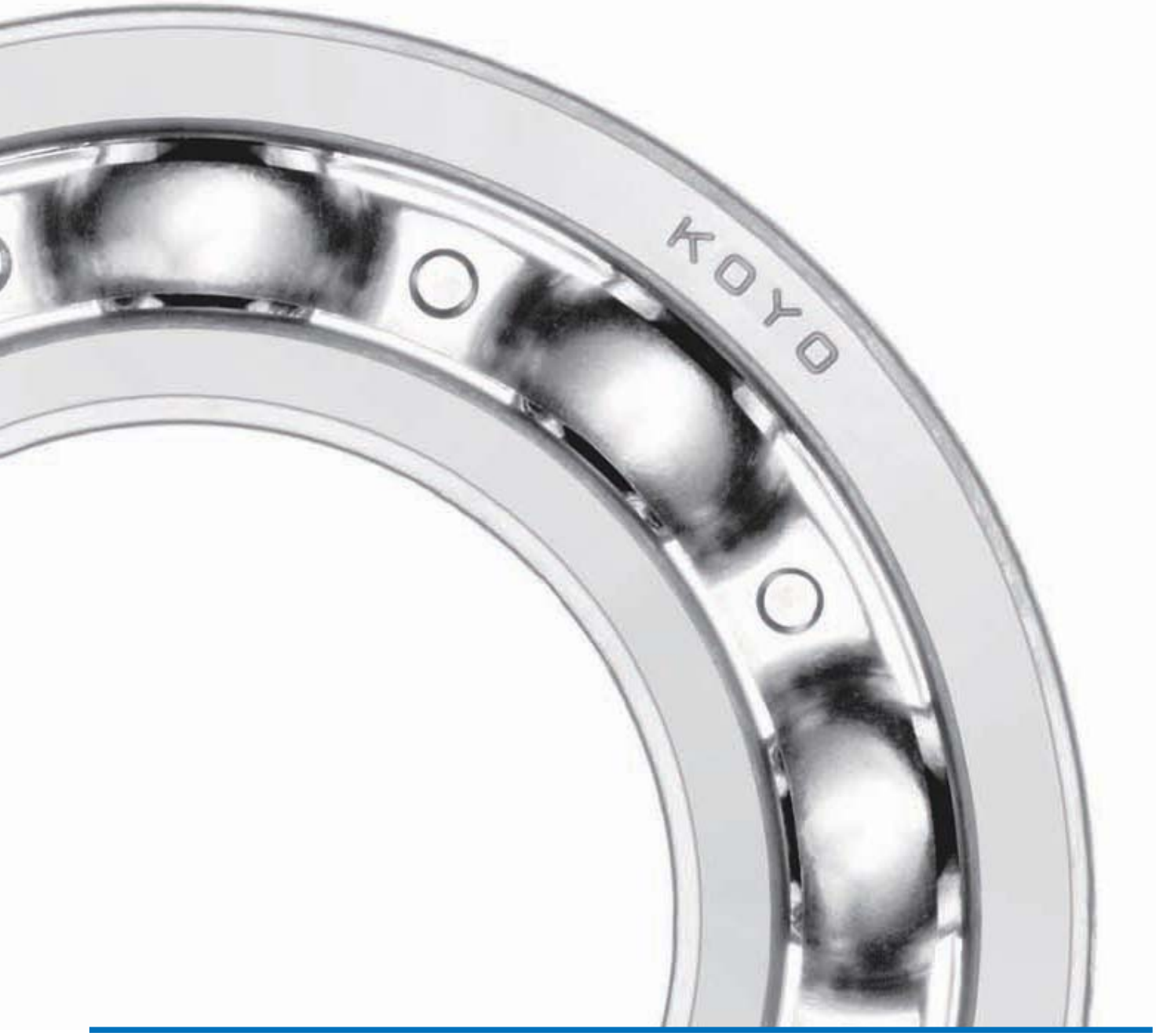
Koyo®

Ball & Roller Bearings



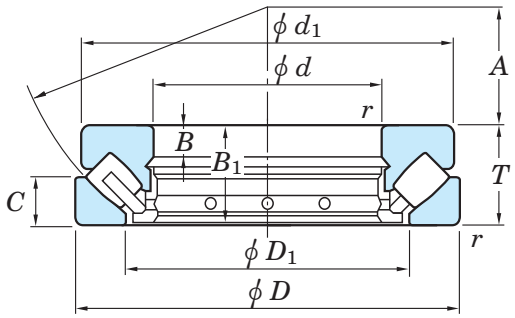
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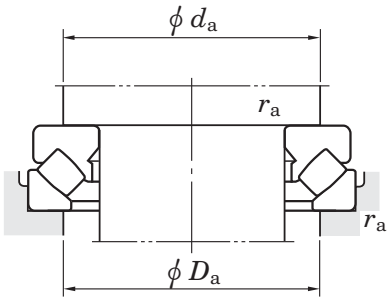
CAT. NO. B2001E-3

Spherical thrust roller bearings

d 60 ~ 160 mm



Boundary dimensions (mm)				Basic load ratings (kN)		Limiting speed (min^{-1})	Bearing No.
d	D	T	r min.	C_a	C_{0a}	Oil lub.	
60	130	42	1.5	319	884	2 700	**29412R**
65	140	45	2	360	1 020	2 500	**29413R**
70	150	48	2	387	1 100	2 300	**29414R**
75	160	51	2	468	1 360	2 100	**29415R**
80	170	54	2.1	505	1 480	2 000	**29416R**
85	150	39	1.5	321	1 000	2 600	**29317R**
	180	58	2.1	572	1 700	1 900	**29417R**
90	155	39	1.5	330	1 050	2 500	**29318R**
	190	60	2.1	658	2 010	1 800	**29418R**
100	170	42	1.5	385	1 270	2 300	**29320R**
	210	67	3	730	2 220	1 650	**29420R**
110	190	48	2	502	1 690	2 000	**29322R**
	230	73	3	896	2 810	1 500	**29422R**
120	210	54	2.1	565	2 030	1 800	**29324R**
	250	78	4	1 040	3 270	1 350	**29424R**
130	225	58	2.1	715	2 440	1 700	**29326R**
	270	85	4	1 200	3 870	1 250	**29426R**
140	240	60	2.1	707	2 490	1 600	**29328**
	280	85	4	1 260	4 080	1 250	**29428R**
150	250	60	2.1	767	2 740	1 550	**29330R**
	300	90	4	1 380	4 620	1 100	**29430R**
160	270	67	3	862	3 070	1 400	**29332**
	320	95	5	1 590	5 370	1 050	**29432R**



	Dimensions (mm)						Mounting dimensions (mm)			(Refer.) Mass (kg)
	d_1	D_1	B	B_1	C	A	d_a min.	D_a max.	r_a max.	
	123	89	15	39.5	20	38	90	108	1.5	2.75
	133	96	16	42.5	21	42	100	115	2	3.41
	142	103	17	45.5	23	44	105	125	2	4.16
	152	109	18	48	24	47	115	132	2	4.98
	162	117	19	51	26	50	120	140	2	5.95
	143.5 170	114 125	13 21	37 55	19 28	50 54	115 130	135 150	1.5 2	2.87 7.19
	148.5 180	117 132	13 22	37 57	19 29	52 56	120 135	140 157	1.5 2	3.06 8.28
	163 200	129 146	14 24	40 64	20.8 32	58 62	130 150	150 175	1.5 2.5	3.91 11.2
	182 220	143 162	16 26	45.5 69	23 35	64 69	145 165	165 190	2 2.5	5.67 14.7
	200 236	159 174	18 29	51 74	26 37	70 74	160 180	180 205	2 3	7.90 18.5
	215 255	171 189	19 31	55 81	28 41	76 81	170 195	195 225	2 3	9.45 23.5
	230 268	183 199	20 31	57 81	29 41	82 86	185 205	205 235	2 3	11.1 24.6
	240 285	194 214	20 32	57 86	29 44	87 92	195 220	215 250	2 3	11.7 29.6
	260 306	208 229	23 34	64 91	32 45	92 99	210 230	235 265	2.5 4	15.4 35.9