

Selection by Dimensions (Metric)

Bore Diameter 65 mm

Bore Diameter	OD	Width	Part Number	Type	Bearing Type
65	100	36	7013ASTRDUMP3	D	Super Precision Bearings
	100	36	7013CTRDULP3	D	Super Precision Bearings
	100	36	7013CTRDUMP3	D	Super Precision Bearings
	100	36	T7013CTDULP3	D	Super Precision Bearings
	100	45	RS-5013DSE7NAS5	H6	Cylindrical Roller Bearings
	105	32	53213	E1	Thrust Ball Bearings
	110	34	33113J	F	Tapered Roller Bearings
	115	36	51313	E	Thrust Ball Bearings
	115	48	52216	N	Thrust Ball Bearings
	120	23	1213J	G	Double Row Self Aligning Ball Bearings
	120	23	1213KJ	G1	Double Row Self Aligning Ball Bearings
	120	23	1213KTN	G1	Double Row Self Aligning Ball Bearings
	120	23	6213	B	Single Row Radial Ball Bearings
	120	23	6213DDU	B2	Single Row Radial Ball Bearings
	120	23	6213DU	B2	Single Row Radial Ball Bearings
	120	23	6213M	B	Single Row Radial Ball Bearings
	120	23	6213NR	B3	Single Row Radial Ball Bearings
	120	23	6213TCG12P4	B	Super Precision Bearings
	120	23	6213TCG12P4	B	Super Precision Bearings
	120	23	6213VV	B6	Single Row Radial Ball Bearings
	120	23	6213Z	B1	Single Row Radial Ball Bearings
	120	23	6213ZNR	B4	Single Row Radial Ball Bearings
	120	23	6213ZZ	B1	Single Row Radial Ball Bearings
	120	23	6213ZZNR	B4	Single Row Radial Ball Bearings
	120	23	7213BEAT85	D	Single Row Angular Contact Ball Bearings
	120	23	7213BEAT85SUN	D	Single Row Angular Contact Ball Bearings
	120	23	7213BW	D	Single Row Angular Contact Ball Bearings
	120	23	7213BWG	D	Single Row Angular Contact Ball Bearings
	120	23	BL213	C	Single Row Radial Ball Bearings
	120	23	BL213NR	C1	Single Row Radial Ball Bearings
	120	23	BL213ZNR	C3	Single Row Radial Ball Bearings
	120	23	N213W	H	Cylindrical Roller Bearings
	120	23	NF213W	H4	Cylindrical Roller Bearings
	120	23	NJ213ET	H1	Cylindrical Roller Bearings
	120	23	NJ213EW	H1	Cylindrical Roller Bearings
	120	23	NU213EM	H2	Cylindrical Roller Bearings
	120	23	NU213ET	H2	Cylindrical Roller Bearings
	120	23	NU213EW	H2	Cylindrical Roller Bearings
	120	23	NUP213ET	H3	Cylindrical Roller Bearings
	120	23	NUP213EW	H3	Cylindrical Roller Bearings
	120	24,75	30213J	F	Tapered Roller Bearings
	120	31	2213J	G	Double Row Self Aligning Ball Bearings
	120	31	2213EKTN	G1	Double Row Self Aligning Ball Bearings
	120	31	2213ETN	G	Double Row Self Aligning Ball Bearings
	120	31	2213KJ	G1	Double Row Self Aligning Ball Bearings
	120	31	22213EAE4	K	Spherical Roller Bearings
	120	31	22213EAKE4	K1	Spherical Roller Bearings
	120	31	22213EJW33	K	Spherical Roller Bearings
	120	31	22213EKJW33	K1	Spherical Roller Bearings
	120	31	4213J	L	Double Row Ball Bearings
	120	31	4213BTN	L	Double Row Ball Bearings
	120	31	NJ2213ET	H1	Cylindrical Roller Bearings
	120	31	NJ2213M	H1	Cylindrical Roller Bearings
	120	31	NJ2213W	H1	Cylindrical Roller Bearings
	120	31	NU2213ET	H2	Cylindrical Roller Bearings
	120	31	NU2213W	H2	Cylindrical Roller Bearings
	120	31	NUP2213ET	H3	Cylindrical Roller Bearings
	120	31	NUP2213W	H3	Cylindrical Roller Bearings
	120	32,75	32213J	F	Tapered Roller Bearings
	120	38,1	3213J	M	Double Row Angular Contact Ball Bearings
	120	38,1	3213B-2RSTN	M2	Double Row Angular Contact Ball Bearings

Thrust Bearings

Single-direction Thrust Ball Bearings, Bore Diameter 55 – 100 mm



Boundary Dimensions (mm)					Bearing Numbers	Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Mass (kg)
<i>d</i>	<i>D₁</i>	<i>D</i>	<i>d₁</i>	<i>T</i>		<i>C_a</i>	<i>C_{0a}</i>	Grease	Oil	
55	57	78	78	16	51111	35 000	93 000	2 800	4 300	0,227
	57	90	90	25	51211	70 000	159 000	2 200	3 200	0,599
	57	105	105	35	51311	115 000	244 000	1 600	2 400	1,31
	57	120	120	48	51411	181 000	350 000	1 300	1 900	2,58
60	62	85	85	17	51112	41 500	113 000	2 600	4 000	0,281
	62	95	95	26	51212	71 500	169 000	2 000	3 000	0,673
	62	110	110	35	51312	119 000	263 000	1 600	2 400	1,4
	62	130	130	51	51412	202 000	395 000	1 200	1 800	3,16
65	67	90	90	18	51113	42 000	117 000	2 400	3 800	0,324
	67	100	100	27	51213	75 500	189 000	1 900	2 800	0,756
	67	115	115	36	51313	123 000	282 000	1 500	2 400	1,54
	68	140	140	56	51413	234 000	495 000	1 100	1 700	4,1
70	72	95	95	18	51114	43 500	127 000	2 400	3 600	0,346
	72	105	105	27	51214	74 000	189 000	1 900	2 800	0,793
	72	125	125	40	51314	137 000	315 000	1 400	2 000	2,0
	73	150	150	60	51414	252 000	555 000	1 000	1 500	5,05
75	77	100	100	19	51115	43 500	131 000	2 200	3 400	0,389
	77	110	110	27	51215	78 000	209 000	1 800	2 800	0,845
	77	135	135	44	51315	159 000	365 000	1 300	1 900	2,6
	78	160	160	65	51415	254 000	560 000	950	1 400	6,15
80	82	105	105	19	51116	45 000	141 000	2 200	3 400	0,417
	82	115	115	28	51216	79 000	218 000	1 800	2 600	0,931
	82	140	140	44	51316	164 000	395 000	1 300	1 900	2,74
	83	170	170	68	51416	272 000	620 000	900	1 300	7,21
85	87	110	110	19	51117	46 500	150 000	2 200	3 200	0,44
	88	125	125	31	51217	96 000	264 000	1 600	2 400	1,22
	88	150	150	49	51317	207 000	490 000	1 100	1 700	3,57
	88	180	177	72	51417X	310 000	755 000	850	1 300	8,51
90	92	120	120	22	51118	60 000	190 000	1 900	3 000	0,646
	93	135	135	35	51218	114 000	310 000	1 400	2 200	1,69
	93	155	155	50	51318	214 000	525 000	1 100	1 700	3,83
	93	190	187	77	51418X	330 000	825 000	800	1 200	10,2
100	102	135	135	25	51120	86 000	268 000	1 700	2 600	0,96
	103	150	150	38	51220	135 000	375 000	1 300	2 000	2,25
	103	170	170	55	51320	239 000	595 000	1 000	1 500	4,98
	103	210	205	85	51420X	370 000	985 000	710	1 100	14,8

For all dimensions and specifications refer to Cat. RB/A/GB/... from page B203 to B229.