

Selection by Dimensions (Metric)

Bore Diameter 80 – 85 mm

Bore Diameter	OD	Width	Part Number	Type	Bearing Type
80	170	39	6316DDU	B2	Single Row Radial Ball Bearings
	170	39	6316DU	B2	Single Row Radial Ball Bearings
	170	39	6316M	B	Single Row Radial Ball Bearings
	170	39	6316NR	B3	Single Row Radial Ball Bearings
	170	39	6316TBR12P4	B	Super Precision Bearings
	170	39	6316VV	B6	Single Row Radial Ball Bearings
	170	39	6316Z	B1	Single Row Radial Ball Bearings
	170	39	6316ZZ	B1	Single Row Radial Ball Bearings
	170	39	7316BEAT85	D	Single Row Angular Contact Ball Bearings
	170	39	7316BEAT85SUN	D	Single Row Angular Contact Ball Bearings
	170	39	7316BW	D	Single Row Angular Contact Ball Bearings
	170	39	7316BWG	D	Single Row Angular Contact Ball Bearings
	170	39	N316M	H	Cylindrical Roller Bearings
	170	39	N316W	H	Cylindrical Roller Bearings
	170	39	NF316W	H4	Cylindrical Roller Bearings
	170	39	NJ316EM	H1	Cylindrical Roller Bearings
	170	39	NJ316ET	H1	Cylindrical Roller Bearings
	170	39	NJ316W	H1	Cylindrical Roller Bearings
	170	39	NU316EM	H2	Cylindrical Roller Bearings
	170	39	NU316ET	H2	Cylindrical Roller Bearings
	170	39	NU316W	H2	Cylindrical Roller Bearings
	170	39	NUP316ET	H3	Cylindrical Roller Bearings
	170	42,5	30316J	F	Tapered Roller Bearings
	170	42,5	31316J	F	Tapered Roller Bearings
	170	54	29416E	O	Spherical Roller Bearings
	170	58	22316CAME4C4VE	K	Spherical Roller Bearings
	170	58	22316EAE4	K	Spherical Roller Bearings
	170	58	22316EAKE4	K1	Spherical Roller Bearings
	170	58	22316EJW33	K	Spherical Roller Bearings
	170	58	22316EKJW33	K1	Spherical Roller Bearings
	170	58	22316EKMW33	K1	Spherical Roller Bearings
	170	58	22316KVEC4	K1	Spherical Roller Bearings
	170	58	22316EMW33	K	Spherical Roller Bearings
	170	58	22316VEC4	K	Spherical Roller Bearings
	170	58	2316J	G	Double Row Self Aligning Ball Bearings
	170	58	2316KJ	G1	Double Row Self Aligning Ball Bearings
	170	58	NJ2316M	H1	Cylindrical Roller Bearings
	170	58	NJ2316W	H1	Cylindrical Roller Bearings
	170	58	NU2316ET	H2	Cylindrical Roller Bearings
	170	58	NU2316M	H2	Cylindrical Roller Bearings
	170	58	NU2316W	H2	Cylindrical Roller Bearings
	170	61,5	32316J	F	Tapered Roller Bearings
	170	68	51416	E	Thrust Ball Bearings
	170	68,26	MDJK80M	P1	Double Row Angular Contact Ball Bearings
	170	68,3	3316M	M	Double Row Angular Contact Ball Bearings
	175	78	53416	E1	Thrust Ball Bearings
	200	48	6416	B	Single Row Radial Ball Bearings
	200	48	NJ416M	H1	Cylindrical Roller Bearings
	200	48	NJ416W	H1	Cylindrical Roller Bearings
	200	48	NU416W	H2	Cylindrical Roller Bearings
85	110	13	6817	B	Single Row Radial Ball Bearings
	110	13	6817VV	B6	Single Row Radial Ball Bearings
	110	13	6817ZZ	B1	Single Row Radial Ball Bearings
	110	19	51117	E	Thrust Ball Bearings
	120	18	6917	B	Single Row Radial Ball Bearings
	120	18	6917ZZ	B1	Single Row Radial Ball Bearings
	120	18	7917ASTRV1VSULP3	D	Super Precision Bearings
	120	18	7917ASTRV1VSUMP3	D	Super Precision Bearings
	120	18	7917VTRV1VSULP3	D	Super Precision Bearings
	120	18	7917CTRV1VSUMP3	D	Super Precision 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>D_i</i>	<i>D</i>	<i>d_i</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.