

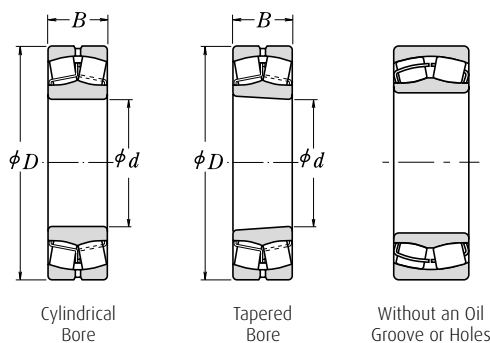
Selection by Dimensions (Metric)

Bore Diameter 105 – 110 mm

Bore Diameter	OD	Width	Part Number	Type	Bearing Type
105	225	49	1321J	G	Double Row Self Aligning Ball Bearings
	225	49	6321	B	Single Row Radial Ball Bearings
	225	49	6321M	B	Single Row Radial Ball Bearings
	225	49	6321ZZ	B1	Single Row Radial Ball Bearings
	225	49	7321BM	D	Single Row Angular Contact Ball Bearings
	225	49	7321BMG	D	Single Row Angular Contact Ball Bearings
	225	49	N321M	H	Cylindrical Roller Bearings
	225	49	N321W	H	Cylindrical Roller Bearings
	225	49	NF321M	H4	Cylindrical Roller Bearings
	225	49	NJ321W	H1	Cylindrical Roller Bearings
	225	49	NU321EM	H2	Cylindrical Roller Bearings
	225	49	NU321W	H2	Cylindrical Roller Bearings
	225	53,5	30321J	F	Tapered Roller Bearings
	225	81,5	32321J	F	Tapered Roller Bearings
	260	60	NJ421M	H1	Cylindrical Roller Bearings
	260	60	NU421M	H2	Cylindrical Roller Bearings
110	140	16	6822	B	Single Row Radial Ball Bearings
	140	16	6822VV	B6	Single Row Radial Ball Bearings
	145	25	51122	E	Thrust Ball Bearings
	150	20	6922	B	Single Row Radial Ball Bearings
	150	20	6922ZZ	B1	Single Row Radial Ball Bearings
	150	24	NCF2922V	H5	Cylindrical Roller Bearings
	150	25	32922J	F	Tapered Roller Bearings
	150	40	7922ASTRDULP3	D	Super Precision Bearings
	150	40	7922ASTRDUMP3	D	Super Precision Bearings
	150	40	7922CTRDULP3	D	Super Precision Bearings
	150	40	7922CTRDUMP3	D	Super Precision Bearings
	150	40	NNU4922MBKRE1CC1P4	I1	Super Precision Bearings
	160	38	51222	E	Thrust Ball Bearings
	165	45	53222	E1	Thrust Ball Bearings
	170	19	16022	B	Single Row Radial Ball Bearings
	170	28	6022	B	Single Row Radial Ball Bearings
	170	28	6022DDU	B2	Single Row Radial Ball Bearings
	170	28	6022NR	B3	Single Row Radial Ball Bearings
	170	28	6022TCG12P4	B	Super Precision Bearings
	170	28	6022Z	B1	Single Row Radial Ball Bearings
	170	28	6022ZZ	B1	Single Row Radial Ball Bearings
	170	28	NU1022M	H2	Cylindrical Roller Bearings
	170	38	32022XJ	F	Tapered Roller Bearings
	170	45	23022CDE4	K	Spherical Roller Bearings
	170	45	23022CDKE4	K1	Spherical Roller Bearings
	170	45	23022EJW33	K	Spherical Roller Bearings
	170	45	NN3022MBKRCC1P4	I	Super Precision Bearings
	170	47	33022J	F	Tapered Roller Bearings
	170	56	7022ASTRDULP3	D	Super Precision Bearings
	170	56	7022ASTRDUMP3	D	Super Precision Bearings
	170	56	7022CTRDULP3	D	Super Precision Bearings
	170	56	7022CTRDUMP3	D	Super Precision Bearings
	170	79	RS-5022DSE7NA55	H6	Cylindrical Roller Bearings
	180	56	23122CAME4	K	Spherical Roller Bearings
	180	56	23122CAMKE4	K1	Spherical Roller Bearings
	180	56	23122CE4	K	Spherical Roller Bearings
	180	56	23122CKE4	K1	Spherical Roller Bearings
	180	56	23122EJW33	K	Spherical Roller Bearings
	180	56	23122EKJW33	K1	Spherical Roller Bearings
	180	69	24122CAME4	K	Spherical Roller Bearings
	180	69	24122CE4	K	Spherical Roller Bearings
	180	69	24122CK30E4	K1	Spherical Roller Bearings
	180	69	24122JW33	K	Spherical Roller Bearings

Spherical Roller Bearings

Bore Diameter 75 – 110 mm



Boundary Dimensions (mm)			Basic Load Ratings (N)		Limiting Speeds (min ⁻¹)		Bearing Numbers		Mass (kg)
d	D	B	C _r	C _{0r}	Grease	Oil	Cylindrical Bore	Tapered Bore ¹⁾	approx
75	130	31	238 000	244 000	4 000	5 000	22215EAE4	22215EAKE4	1,64
	160	37	310 000	325 000	3 200	4 000	21315EAE4	21315EAKE4	3,64
	160	55	485 000	505 000	2 800	3 600	22315EAE4	22315EAKE4	5,26
80	140	33	264 000	275 000	3 600	4 500	22216EAE4	22216EAKE4	2,01
	170	39	355 000	375 000	3 000	3 800	21316EAE4	21316EAKE4	4,32
	170	58	540 000	565 000	2 600	3 400	22316EAE4	22316EAKE4	6,23
85	150	36	310 000	325 000	3 400	4 300	22217EAE4	22217EAKE4	2,54
	180	41	360 000	395 000	3 000	4 000	21317EAE4	21317EAKE4	5,2
	180	60	600 000	630 000	2 400	3 200	22317EAE4	22317EAKE4	7,23
90	160	40	360 000	395 000	3 200	4 000	22218EAE4	22218EAKE4	3,3
	160	52,4	340 000	490 000	1 800	2 400	23218CE4	23218CKE4	4,51
	190	43	415 000	450 000	2 800	3 600	21318EAE4	21318EAKE4	6,1
	190	64	665 000	705 000	2 400	3 000	22318EAE4	22318EAKE4	8,56
95	170	43	415 000	450 000	3 000	3 800	22219EAE4	22219EAKE4	4,04
	170	55,6	370 000	525 000	1 700	2 200	23219CAE4	23219CAKE4	5,33
	200	45	345 000	435 000	1 500	2 000	21319CE4	21319CKE4	6,92
	200	67	735 000	780 000	2 200	2 800	22319EAE4	22319EAKE4	9,91
100	150	37	212 000	335 000	2 200	2 800	23020CDE4	23020CDKE4	2,31
	150	50	276 000	470 000	1 800	2 400	24020CE4	24020CK30E4	3,08
	165	52	345 000	530 000	1 700	2 200	23120CE4	23120CKE4	4,38
	165	65	345 000	535 000	1 700	2 200	24120CAE4	24120CAK30E4	5,42
	180	46	455 000	490 000	2 800	3 600	22220EAE4	22220EAKE4	4,84
	180	60,3	420 000	605 000	1 600	2 200	23220CE4	23220CKE4	6,6
	215	47	395 000	485 000	1 400	1 900	21320CE4	21320CKE4	8,46
	215	73	860 000	930 000	2 000	2 600	22320EAE4	22320EAKE4	12,7
110	170	45	293 000	465 000	2 000	2 400	23022CDE4	23022CDKE4	3,76
	170	60	380 000	645 000	1 600	2 200	24022CE4	24022CK30E4	4,96
	180	56	385 000	630 000	1 600	2 000	23122CE4	23122CKE4	5,7
	180	69	460 000	750 000	1 600	2 000	24122CE4	24122CK30E4	6,84
	200	53	605 000	645 000	2 600	3 200	22222EAE4	22222EAKE4	6,99
	200	69,8	515 000	760 000	1 500	1 900	23222CE4	23222CKE4	9,54
	240	50	450 000	545 000	1 300	1 700	21322CAE4	21322CAKE4	11,2
	240	80	1 030 000	1 120 000	1 900	2 400	22322EAE4	22322EAKE4	17,6

¹⁾ The suffix K represents bearings with tapered bores (1 : 12).

An oil groove and holes are standard for the EA type. For the dimensions of adapters and withdrawal sleeves, refer to Pages B354, B355, and B362 in Cat. RB/A/GB/...