

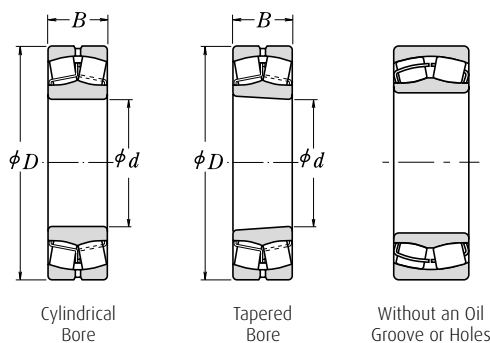
Selection by Dimensions (Metric)

Bore Diameter 100 mm

Bore Diameter	OD	Width	Part Number	Type	Bearing Type
100	125	13	6820	B	Single Row Radial Ball Bearings
	125	13	6820DD	B2	Single Row Radial Ball Bearings
	125	13	6820VV	B6	Single Row Radial Ball Bearings
	125	13	6820ZZ	B1	Single Row Radial Ball Bearings
	135	25	51120	E	Thrust Ball Bearings
	140	20	6920	B	Single Row Radial Ball Bearings
	140	20	6920ZZ	B1	Single Row Radial Ball Bearings
	140	20	7920ASTRV1VSULP3	D	Super Precision Bearings
	140	20	7920ASTRV1VSUMP3	D	Super Precision Bearings
	140	20	7920CTRV1VSULP3	D	Super Precision Bearings
	140	20	7920CTRV1VSUMP3	D	Super Precision Bearings
	140	24	NCF2920V	H5	Cylindrical Roller Bearings
	140	25	32920J	F	Tapered Roller Bearings
	140	40	7920ASTRDULP3	D	Super Precision Bearings
	140	40	7920ASTRDUMP3	D	Super Precision Bearings
	140	40	7920CTRDULP3	D	Super Precision Bearings
	140	40	7920CTRDUMP3	D	Super Precision Bearings
	140	40	NNU4920MBKRE2CC1P4	I1	Super Precision Bearings
	140	40	NNU4920MBKRE2CC1P4	I1	Super Precision Bearings
	150	16	16020	B	Single Row Radial Ball Bearings
	150	24	6020	B	Single Row Radial Ball Bearings
	150	24	6020DDU	B2	Single Row Radial Ball Bearings
	150	24	6020DU	B2	Single Row Radial Ball Bearings
	150	24	6020M	B	Single Row Radial Ball Bearings
	150	24	6020NR	B3	Single Row Radial Ball Bearings
	150	24	6020TCG12P4	B	Super Precision Bearings
	150	24	6020TCG12P4	B	Super Precision Bearings
	150	24	6020VV	B6	Single Row Radial Ball Bearings
	150	24	6020Z	B1	Single Row Radial Ball Bearings
	150	24	6020ZZ	B1	Single Row Radial Ball Bearings
	150	24	7020ASTRV1VSULP3	D	Super Precision Bearings
	150	24	7020ASTRV1VSUMP3	D	Super Precision Bearings
	150	24	7020CTRV1VSULP3	D	Super Precision Bearings
	150	24	7020CTRV1VSUMP3	D	Super Precision Bearings
	150	24	NU1020M	H2	Cylindrical Roller Bearings
	150	32	32020XJ	F	Tapered Roller Bearings
	150	37	NCF3020V	H5	Cylindrical Roller Bearings
	150	37	NN3020MBKRCC1P4	I	Super Precision Bearings
	150	38	51220	E	Thrust Ball Bearings
	150	45	BSB100150DUHP3	D	Super Precision Bearings
	150	48	7020ASTRDULP3	D	Super Precision Bearings
	150	48	7020ASTRDUMP3	D	Super Precision Bearings
	150	48	7020CTRDULP3	D	Super Precision Bearings
	150	48	7020CTRDUMP3	D	Super Precision Bearings
	150	66	RS-5020DSE7NAS5	H6	Cylindrical Roller Bearings
	150	67	NNCF5020V	I2	Cylindrical Roller Bearings
	155	45	53220	E1	Thrust Ball Bearings
	165	52	23120CE4	K	Spherical Roller Bearings
	165	52	23120CKE4	K1	Spherical Roller Bearings
	165	52	23120EMW33	K	Spherical Roller Bearings
	165	65	24120CAME4	K	Spherical Roller Bearings
	170	42	29320E	O	Spherical Roller Bearings
	170	55	51320	E	Thrust Ball Bearings
	170	68	52224	N	Thrust Ball Bearings
	175	64	53320	E1	Thrust Ball Bearings
	180	34	1220J	G	Double Row Self Aligning Ball Bearings
	180	34	1220KJ	G1	Double Row Self Aligning Ball Bearings
	180	34	6220	B	Single Row Radial Ball Bearings
	180	34	6220DDU	B2	Single Row Radial Ball Bearings
	180	34	6220M	B	Single Row Radial Ball 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/...