



TIMKEN Cylindrical roller bearing caged Single row Series: NJ

Single-row cylindrical roller bearings with a cage comprising cylindrical rollers caged between a solid outer and inner ring. These bearings have a high level of rigidity, can support heavy radial loads and are suitable for high speeds. The inner and outer rings can be fitted separately, making installation and removal a simple process. Single-row cylindrical roller bearings are available in various designs. The most common models are NU, N, NJ and NUP. The main difference is the configuration of the ribs.

NJ model:

The outer ring of an NJ cylindrical bearing has two fixed ribs, whereas the inner ring of the cylindrical bearing has one fixed rib. This means that the NJ cylindrical bearing is able to axially locate the shaft in one direction.

Characteristics

Series: NJ

Application

- Recommended in: Chemical

Manufacturer ID	Cage material	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	With sealing	Article
NJ2214EMAC3	Brass	70	125	31	C3	No	14196131
NJ314EMA	Brass	70	150	35	CN [normal]	No	14196142
NJ215EMAC3	Brass	75	130	25	C3	No	14196130
NJ2215EMAC3	Brass	75	130	31	C3	No	12719480
NJ2215EMA	Brass	75	130	31	CN [normal]	No	12719479
NJ315EMAC3	Brass	75	160	37	C3	No	12613149
NJ315EMA	Brass	75	160	37	CN [normal]	No	12613148
NJ216EMAC3	Brass	80	140	26	C3	No	12613108
NJ216EMA	Brass	80	140	26	CN [normal]	No	12613107
NJ2216EMAC3	Brass	80	140	33	C3	No	12354891
NJ2216EMA	Brass	80	140	33	CN [normal]	No	12354890
NJ316EMAC3	Brass	80	170	39	C3	No	12613151
NJ316EMA	Brass	80	170	39	CN [normal]	No	12613150
NJ2316EMAC3	Brass	80	170	58	C3	No	12354920
NJ2316EMA	Brass	80	170	58	CN [normal]	No	12354919
NJ217EMAC3	Brass	85	150	28	C3	No	12613110
NJ217EMA	Brass	85	150	28	CN [normal]	No	12613109
NJ2217EMAC3	Brass	85	150	36	C3	No	12613113
NJ2217EMA	Brass	85	150	36	CN [normal]	No	12613112
NJ317EMAC3	Brass	85	180	41	C3	No	12613154
NJ317EMAC4	Brass	85	180	41	C4	No	14196143
NJ317EMA	Brass	85	180	41	CN [normal]	No	12613152
NJ2317EMAC3	Brass	85	180	60	C3	No	12613123
NJ2317EMAC4	Brass	85	180	60	C4	No	12354921
NJ2317EMA	Brass	85	180	60	CN [normal]	No	14196136
NJ218EMAC3	Brass	90	160	30	C3	No	12354885
NJ218EMA	Brass	90	160	30	CN [normal]	No	12354884
NJ2218EMAC3	Brass	90	160	40	C3	No	12354893
NJ2218EMA	Brass	90	160	40	CN [normal]	No	12354892
NJ318EMAC3	Brass	90	190	43	C3	No	12354941
NJ318EMA	Brass	90	190	43	CN [normal]	No	12354940

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Manufacturer ID	Cage material	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	With sealing	Article
NJ2318EMAC3	Brass	90	190	64	C3	No	12354923
NJ2318EMAC4	Brass	90	190	64	C4	No	12613126
NJ2318EMA	Brass	90	190	64	CN (normal)	No	12354922
NJ219EMAC3	Brass	95	170	32	C3	No	12354887
NJ219EMA	Brass	95	170	32	CN (normal)	No	12354886
NJ2219EMAC3	Brass	95	170	43	C3	No	12354895
NJ2219EMA	Brass	95	170	43	CN (normal)	No	12354894
NJ319EMAC3	Brass	95	200	45	C3	No	12354943
NJ319EMAC4	Brass	95	200	45	C4	No	12613155
NJ319EMA	Brass	95	200	45	CN (normal)	No	12354942
NJ2319EMAC3	Brass	95	200	67	C3	No	12354925
NJ2319EMAC4	Brass	95	200	67	C4	No	12613127
NJ2319EMA	Brass	95	200	67	CN (normal)	No	12354924
NJ220EMAC3	Brass	100	180	34	C3	No	12354889
NJ220EMA	Brass	100	180	34	CN (normal)	No	12354888
NJ2220EMAC3	Brass	100	180	46	C3	No	12354897
NJ2220EMA	Brass	100	180	46	CN (normal)	No	12354896
NJ320EMAC3	Brass	100	215	47	C3	No	12354945
NJ320EMAC4	Brass	100	215	47	C4	No	12354946
NJ320EMA	Brass	100	215	47	CN (normal)	No	12354944
NJ2320EMAC3	Brass	100	215	73	C3	No	12354927
NJ2320EMAC4	Brass	100	215	73	C4	No	12354928
NJ2320EMA	Brass	100	215	73	CN (normal)	No	12354926
NJ222EMAC3	Brass	110	200	38	C3	No	12354908
NJ222EMA	Brass	110	200	38	CN (normal)	No	12354907
NJ2222EMAC3	Brass	110	200	53	C3	No	12354899
NJ2222EMAC4	Brass	110	200	53	C4	No	12354900
NJ2222EMA	Brass	110	200	53	CN (normal)	No	12354898
NJ322EMAC3	Brass	110	240	50	C3	No	12354948
NJ322EMAC4	Brass	110	240	50	C4	No	12354949
NJ322EMA	Brass	110	240	50	CN (normal)	No	12354947
NJ2322EMAC3	Brass	110	240	80	C3	No	12354930
NJ2322EMAC4	Brass	110	240	80	C4	No	12354931
NJ2322EMA	Brass	110	240	80	CN (normal)	No	12354929
NJ422MAC4	Brass	110	280	65	C4	No	12719489
NJ224EMAC3	Brass	120	215	40	C3	No	12354912
NJ224EMA	Brass	120	215	40	CN (normal)	No	12354911
NJ2224EMAC3	Brass	120	215	58	C3	No	12354902
NJ2224EMA	Brass	120	215	58	CN (normal)	No	12354901
NJ324EMAC3	Brass	120	260	55	C3	No	12354951
NJ324EMAC4	Brass	120	260	55	C4	No	12354952
NJ324EMA	Brass	120	260	55	CN (normal)	No	12354950
NJ2324EMAC3	Brass	120	260	86	C3	No	12354933
NJ2324EMAC4	Brass	120	260	86	C4	No	12354934
NJ2324EMA	Brass	120	260	86	CN (normal)	No	12354932
NJ226EMAC3	Brass	130	230	40	C3	No	12354914
NJ226EMA	Brass	130	230	40	CN (normal)	No	12354913
NJ2226EMAC3	Brass	130	230	64	C3	No	12354904
NJ2226EMA	Brass	130	230	64	CN (normal)	No	12354903
NJ326EMAC3	Brass	130	280	58	C3	No	12354954
NJ326EMAC4	Brass	130	280	58	C4	No	12354955
NJ326EMA	Brass	130	280	58	CN (normal)	No	12354953
NJ2326EMAC3	Brass	130	280	93	C3	No	12613130

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NJ2326EMAC4	Brass	130	280	93	C4	No	12354935
NJ2326EMA	Brass	130	280	93	CN (normal)	No	12613129
NJ228EMAC3	Brass	140	250	42	C3	No	12354916
NJ228EMA	Brass	140	250	42	CN (normal)	No	12354915
NJ2228EMAC3	Brass	140	250	68	C3	No	12354906
NJ2228EMA	Brass	140	250	68	CN (normal)	No	12354905
NJ328EMAC3	Brass	140	300	62	C3	No	12354957
NJ328EMAC4	Brass	140	300	62	C4	No	12613156
NJ328EMA	Brass	140	300	62	CN (normal)	No	12354956
NJ2328EMAC3	Brass	140	300	102	C3	No	12354937
NJ2328EMA	Brass	140	300	102	CN (normal)	No	12354936
NJ230EMAC3	Brass	150	270	45	C3	No	12354918
NJ230EMAC4	Brass	150	270	45	C4	No	12613122
NJ230EMA	Brass	150	270	45	CN (normal)	No	12354917
NJ2230EMAC3	Brass	150	270	73	C3	No	12613115
NJ2230EMAC4	Brass	150	270	73	C4	No	12613116
NJ2230EMA	Brass	150	270	73	CN (normal)	No	12613114
NJ330EMAC3	Brass	150	320	65	C3	No	12354959
NJ330EMA	Brass	150	320	65	CN (normal)	No	12354958
NJ2330EMAC3	Brass	150	320	108	C3	No	12613133
NJ2330EMA	Brass	150	320	108	CN (normal)	No	14196137
NJ232EMAC3	Brass	160	290	48	C3	No	12354939
NJ232EMAC4	Brass	160	290	48	C4	No	12613132
NJ232EMA	Brass	160	290	48	CN (normal)	No	12354938
NJ2232EMAC3	Brass	160	290	80	C3	No	12354910
NJ2232EMA	Brass	160	290	80	CN (normal)	No	12354909
NJ332EMAC3	Brass	160	340	68	C3	No	12613158
NJ332EMA	Brass	160	340	68	CN (normal)	No	12613157
NJ2332EMAC3	Brass	160	340	114	C3	No	14196139
NJ2332EMAC4	Brass	160	340	114	C4	No	12719483
NJ2332EMA	Brass	160	340	114	CN (normal)	No	14196138
NJ234EMAC3	Brass	170	310	52	C3	No	12613135
NJ234EMA	Brass	170	310	52	CN (normal)	No	12613134
NJ2234EMAC3	Brass	170	310	86	C3	No	12613118
NJ2234EMA	Brass	170	310	86	CN (normal)	No	12613117
NJ334EMAC3	Brass	170	360	72	C3	No	12613160
NJ334EMA	Brass	170	360	72	CN (normal)	No	12613159
NJ2334EMAC3	Brass	170	360	120	C3	No	14196141
NJ2334EMA	Brass	170	360	120	CN (normal)	No	14196140
NJ1036MAC3	Brass	180	280	46	C3	No	12719474
NJ1036MA	Brass	180	280	46	CN (normal)	No	12719473
NJ236EMAC3	Brass	180	320	52	C3	No	12613137
NJ236EMAC4	Brass	180	320	52	C4	No	12613138
NJ236EMA	Brass	180	320	52	CN (normal)	No	12613136
NJ2236EMAC3	Brass	180	320	86	C3	No	12613120
NJ2236EMA	Brass	180	320	86	CN (normal)	No	12613119
NJ336EMAC3	Brass	180	380	75	C3	No	14196144
NJ238EMAC3	Brass	190	340	55	C3	No	12613140
NJ238EMA	Brass	190	340	55	CN (normal)	No	12613139
NJ2238EMAC3	Brass	190	340	92	C3	No	14196133
NJ2238EMA	Brass	190	340	92	CN (normal)	No	14196132
NJ338EMAC3	Brass	190	400	78	C3	No	12613161
NJ1040MAC3	Brass	200	310	51	C3	No	12719476

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NJ240EMAC3	Brass	200	360	58	C3	No	12613142
NJ240EMA	Brass	200	360	58	CN (normal)	No	12613141
NJ2240EMAC3	Brass	200	360	98	C3	No	14201488
NJ2240EMA	Brass	200	360	98	CN (normal)	No	14196134
NJ244EMAC3	Brass	220	400	65	C3	No	12613146
NJ244EMA	Brass	220	400	65	CN (normal)	No	12613145
NJ2244EMA	Brass	220	400	108	CN (normal)	No	14196135
NJ344EMAC3	Brass	220	460	88	C3	No	14196145
NJ1048MAC3	Brass	240	360	56	C3	No	12719478
NJ1048MA	Brass	240	360	56	CN (normal)	No	12719477
NJ348EMA	Brass	240	500	95	CN (normal)	No	12613162
NJ2984EMA	Brass	420	560	82	CN (normal)	No	12719486

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