



FAG 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

Manufacturer ID	Cage material	Inner diameter	Outer diameter	Width	Internal clearance	With sealing	Article
		mm	mm	mm			Max. 200 articles in the table
NJ204-E-XL-M1A	Brass	20	47	14	CN [normal]	No	11667751
NJ304-E-XL-M1	Brass	20	52	15	CN [normal]	No	11834983
NJ305-E-XL-M1	Brass	25	62	17	CN [normal]	No	11667846
NJ2305-E-XL-M1A-C4	Brass	25	62	24	C4	No	11801505
NJ206-E-XL-M1	Brass	30	62	16	CN [normal]	No	11667754
NJ2206-E-XL-M1	Brass	30	62	20	CN [normal]	No	11667778
NJ306-E-XL-M1	Brass	30	72	19	CN [normal]	No	11667848
NJ406-XL-M1A-C3	Brass	30	90	23	C3	No	11835007
NJ207-E-XL-M1-C3	Brass	35	72	17	C3	No	11926338
NJ207-E-XL-M1	Brass	35	72	17	CN [normal]	No	11667756
NJ2207-E-XL-M1	Brass	35	72	23	CN [normal]	No	11667780
NJ208-E-XL-M1-C3	Brass	40	80	18	C3	No	12054351
NJ208-E-XL-M1	Brass	40	80	18	CN [normal]	No	11667758
NJ2208-E-XL-M1A-C3	Brass	40	80	23	C3	No	11834942
NJ308-E-XL-M1	Brass	40	90	23	CN [normal]	No	11667851
NJ209-E-XL-M1-C3	Brass	45	85	19	C3	No	11834921
NJ2209-E-XL-M1-C3	Brass	45	85	23	C3	No	11834946
NJ2209-E-XL-M1	Brass	45	85	23	CN [normal]	No	11834945
NJ309-E-XL-M1	Brass	45	100	25	CN [normal]	No	11667853
NJ409-XL-M1-C3	Brass	45	120	29	C3	No	11835008
NJ210-E-XL-M1	Brass	50	90	20	CN [normal]	No	12334314
NJ2210-E-XL-M1	Brass	50	90	23	CN [normal]	No	11667785
NJ310-E-XL-M1-C3	Brass	50	110	27	C3	No	11834998
NJ2311-E-XL-M1-C3	Brass	55	120	43	C3	No	11834969
NJ2311-E-XL-M1	Brass	55	120	43	CN [normal]	No	11667820
NJ212-E-XL-M1-C3	Brass	60	110	22	C3	No	11834924
NJ312-E-XL-M1	Brass	60	130	31	CN [normal]	No	11667859
NJ213-E-XL-M1	Brass	65	120	23	CN [normal]	No	11667765
NJ313-E-XL-M1	Brass	65	140	33	CN [normal]	No	11667861
NJ2313-E-XL-M1-C3	Brass	65	140	48	C3	No	11917300
NJ2214-E-XL-M1	Brass	70	125	31	CN [normal]	No	11667790
NJ2314-E-XL-M1-C3	Brass	70	150	51	C3	No	11834972
NJ2314-E-XL-M1	Brass	70	150	51	CN [normal]	No	11667824
NJ414-XL-M1A-C3	Brass	70	180	42	C3	No	11835010
NJ215-E-XL-M1	Brass	75	130	25	CN [normal]	No	11667767

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Manufacturer ID	Cage material	Inner diameter	Outer diameter	Width	Internal clearance	With sealing	Article
		mm	mm	mm			Max. 200 articles in the table
NJ315-E-XL-M1	Brass	75	160	37	CN [normal]	No	11667864
NJ2315-E-XL-M1	Brass	75	160	55	CN [normal]	No	11667826
NJ2216-E-XL-M1	Brass	80	140	33	CN [normal]	No	11667792
NJ2316-E-XL-M1	Brass	80	170	58	CN [normal]	No	11667827
NJ217-E-XL-M1	Brass	85	150	28	CN [normal]	No	11667770
NJ317-E-XL-M1	Brass	85	180	41	CN [normal]	No	11667867
NJ2317-E-XL-M1-C3	Brass	85	180	60	C3	No	11834974
NJ2317-E-XL-M1A-C3	Brass	85	180	60	C3	No	11834976
NJ2317-E-XL-M1	Brass	85	180	60	CN [normal]	No	11667829
NJ218-E-XL-M1	Brass	90	160	30	CN [normal]	No	12335226
NJ318-E-XL-M1	Brass	90	190	43	CN [normal]	No	11667869
NJ2318-E-XL-M1-C3	Brass	90	190	64	C3	No	11834978
NJ2318-E-XL-M1	Brass	90	190	64	CN [normal]	No	11667831
NJ418-XL-M1	Brass	90	225	54	CN [normal]	No	11667877
NJ219-E-XL-M1	Brass	95	170	32	CN [normal]	No	11667773
NJ2219-E-XL-M1	Brass	95	170	43	CN [normal]	No	11667796
NJ319-E-XL-M1-C3	Brass	95	200	45	C3	No	11835006
NJ319-E-XL-M1	Brass	95	200	45	CN [normal]	No	11667871
NJ2319-E-XL-M1	Brass	95	200	67	CN [normal]	No	11667833
NJ220-E-XL-M1-C3	Brass	100	180	34	C3	No	11834948
NJ320-E-XL-M1	Brass	100	215	47	CN [normal]	No	11667872
NJ2320-E-XL-M1A-C3	Brass	100	215	73	C3	No	11834979
NJ2320-E-XL-M1A-C4	Brass	100	215	73	C4	No	11834980
NJ2320-E-XL-M1	Brass	100	215	73	CN [normal]	No	11667834
NJ2222-E-XL-M1-C3	Brass	110	200	53	C3	No	11641618
NJ224-E-XL-M1-C3	Brass	120	215	40	C3	No	11834960
NJ224-E-XL-M1	Brass	120	215	40	CN [normal]	No	11667807
NJ2224-E-XL-M1-C3	Brass	120	215	58	C3	No	11834957
NJ324-E-XL-M1	Brass	120	260	55	CN [normal]	No	11667874
NJ2324-E-XL-M1	Brass	120	260	86	CN [normal]	No	11667836
NJ226-E-XL-M1	Brass	130	230	40	CN [normal]	No	11667809
NJ2226-E-XL-M1	Brass	130	230	64	CN [normal]	No	11667801
NJ2326-E-XL-M1	Brass	130	280	93	CN [normal]	No	11667837
NJ228-E-XL-M1-C3	Brass	140	250	42	C3	No	11834962
NJ2228-E-XL-M1	Brass	140	250	68	CN [normal]	No	11667803
NJ2328-E-XL-M1-C3	Brass	140	300	102	C3	No	11834981
NJ2328-E-XL-M1	Brass	140	300	102	CN [normal]	No	11667838
NJ230-E-XL-M1	Brass	150	270	45	CN [normal]	No	11667818
NJ330-E-XL-M1	Brass	150	320	65	CN [normal]	No	11667875
NJ232-E-XL-M1	Brass	160	290	48	CN [normal]	No	11667839
NJ2232-E-XL-M1	Brass	160	290	80	CN [normal]	No	11667805
NJ234-E-XL-M1	Brass	170	310	52	CN [normal]	No	11667840
NJ236-E-XL-M1	Brass	180	320	52	CN [normal]	No	11667841
NJ2236-E-XL-M1-C3	Brass	180	320	86	C3	No	11834959
NJ2236-E-XL-M1	Brass	180	320	86	CN [normal]	No	11667806
NJ238-E-M1	Brass	190	340	55	CN [normal]	No	11667842
NJ240-E-M1	Brass	200	360	58	CN [normal]	No	11667843
NJ202-E-XL-TVP2	Plastic	15	35	11	CN [normal]	No	11667749
NJ203-E-XL-TVP2-C3	Plastic	17	40	12	C3	No	11834913
NJ203-E-XL-TVP2	Plastic	17	40	12	CN [normal]	No	11667750
NJ2203-E-XL-TVP2	Plastic	17	40	16	CN [normal]	No	11667775

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Manufacturer ID	Cage material	Inner diameter	Outer diameter	Width	Internal clearance	With sealing	Article
		mm	mm	mm			Max. 200 articles in the table
NJ303-E-XL-TVP2-C3	Plastic	17	47	14	C3	No	11834982
NJ303-E-XL-TVP2	Plastic	17	47	14	CN [normal]	No	11667844
NJ204-E-XL-TVP2-C3	Plastic	20	47	14	C3	No	11834914
NJ204-E-XL-TVP2	Plastic	20	47	14	CN [normal]	No	11667752
NJ2204-E-XL-TVP2	Plastic	20	47	18	CN [normal]	No	11667776
NJ304-E-XL-TVP2-C3	Plastic	20	52	15	C3	No	11834984
NJ304-E-XL-TVP2	Plastic	20	52	15	CN [normal]	No	11667845
NJ2304-E-XL-TVP2	Plastic	20	52	21	CN [normal]	No	11667811
NJ205-E-XL-TVP2-C3	Plastic	25	52	15	C3	No	11834915
NJ205-E-XL-TVP2	Plastic	25	52	15	CN [normal]	No	11667753
NJ2205-E-XL-TVP2	Plastic	25	52	18	CN [normal]	No	11667777
NJ305-E-XL-TVP2-C3	Plastic	25	62	17	C3	No	11834985
NJ305-E-XL-TVP2	Plastic	25	62	17	CN [normal]	No	11667847
NJ2305-E-XL-TVP2	Plastic	25	62	24	CN [normal]	No	11667812
NJ206-E-XL-TVP2-C3	Plastic	30	62	16	C3	No	11834916
NJ206-E-XL-TVP2	Plastic	30	62	16	CN [normal]	No	11667755
NJ2206-E-XL-TVP2-C3	Plastic	30	62	20	C3	No	11834938
NJ2206-E-XL-TVP2	Plastic	30	62	20	CN [normal]	No	11667779
NJ306-E-XL-TVP2-C3	Plastic	30	72	19	C3	No	11834986
NJ306-E-XL-TVP2	Plastic	30	72	19	CN [normal]	No	11667849
NJ2306-E-XL-TVP2	Plastic	30	72	27	CN [normal]	No	11667814
NJ207-E-XL-TVP2-C3	Plastic	35	72	17	C3	No	11834918
NJ207-E-XL-TVP2	Plastic	35	72	17	CN [normal]	No	11667757
NJ2207-E-XL-TVP2-C3	Plastic	35	72	23	C3	No	11834941
NJ2207-E-XL-TVP2	Plastic	35	72	23	CN [normal]	No	11667781
NJ307-E-XL-TVP2-C3	Plastic	35	80	21	C3	No	11834988
NJ307-E-XL-TVP2	Plastic	35	80	21	CN [normal]	No	11667850
NJ2307-E-XL-TVP2-C3	Plastic	35	80	31	C3	No	11834963
NJ2307-E-XL-TVP2	Plastic	35	80	31	CN [normal]	No	11667815
NJ208-E-XL-TVP2-C3	Plastic	40	80	18	C3	No	11834919
NJ208-E-XL-TVP2	Plastic	40	80	18	CN [normal]	No	11667759
NJ2208-E-XL-TVP2-C3	Plastic	40	80	23	C3	No	11834944
NJ2208-E-XL-TVP2	Plastic	40	80	23	CN [normal]	No	11667782
NJ308-E-XL-TVP2-C3	Plastic	40	90	23	C3	No	11834990
NJ308-E-XL-TVP2	Plastic	40	90	23	CN [normal]	No	11667852
NJ2308-E-XL-TVP2-C3	Plastic	40	90	33	C3	No	11834964
NJ2308-E-XL-TVP2	Plastic	40	90	33	CN [normal]	No	11667816
NJ209-E-XL-TVP2	Plastic	45	85	19	CN [normal]	No	11667760
NJ2209-E-XL-TVP2-C3	Plastic	45	85	23	C3	No	11834947
NJ2209-E-XL-TVP2	Plastic	45	85	23	CN [normal]	No	11667783
NJ309-E-XL-TVP2-C3	Plastic	45	100	25	C3	No	11834995
NJ309-E-XL-TVP2	Plastic	45	100	25	CN [normal]	No	11667854
NJ2309-E-XL-TVP2-C3	Plastic	45	100	36	C3	No	11834965

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		mm	mm	mm			Max. 200 articles in the table
NJ2309-E-XL-TVP2	Plastic	45	100	36	CN [normal]	No	11667817
NJ210-E-XL-TVP2-C3	Plastic	50	90	20	C3	No	11834923
NJ210-E-XL-TVP2	Plastic	50	90	20	CN [normal]	No	11667761
NJ2210-E-XL-TVP2-C3	Plastic	50	90	23	C3	No	11834949
NJ2210-E-XL-TVP2	Plastic	50	90	23	CN [normal]	No	11667786
NJ310-E-XL-TVP2	Plastic	50	110	27	CN [normal]	No	11667857
NJ2310-E-XL-TVP2-C3	Plastic	50	110	40	C3	No	11834968
NJ2310-E-XL-TVP2	Plastic	50	110	40	CN [normal]	No	11667819
NJ211-E-XL-TVP2	Plastic	55	100	21	CN [normal]	No	11667762
NJ2211-E-XL-TVP2-C3	Plastic	55	100	25	C3	No	11834950
NJ2211-E-XL-TVP2	Plastic	55	100	25	CN [normal]	No	11667787
NJ311-E-XL-TVP2-C3	Plastic	55	120	29	C3	No	11835000
NJ311-E-XL-TVP2	Plastic	55	120	29	CN [normal]	No	11667858
NJ2311-E-XL-TVP2-C3	Plastic	55	120	43	C3	No	11834970
NJ2311-E-XL-TVP2	Plastic	55	120	43	CN [normal]	No	11667821
NJ212-E-XL-TVP2-C3	Plastic	60	110	22	C3	No	11834926
NJ212-E-XL-TVP2	Plastic	60	110	22	CN [normal]	No	11667764
NJ2212-E-XL-TVP2-C3	Plastic	60	110	28	C3	No	11834951
NJ2212-E-XL-TVP2	Plastic	60	110	28	CN [normal]	No	11667788
NJ312-E-XL-TVP2	Plastic	60	130	31	CN [normal]	No	11667860
NJ2312-E-XL-TVP2	Plastic	60	130	46	CN [normal]	No	11667822
NJ213-E-XL-TVP2-C3	Plastic	65	120	23	C3	No	11834929
NJ213-E-XL-TVP2	Plastic	65	120	23	CN [normal]	No	11667766
NJ2213-E-XL-TVP2-C3	Plastic	65	120	31	C3	No	11834952
NJ2213-E-XL-TVP2	Plastic	65	120	31	CN [normal]	No	11667789
NJ313-E-XL-TVP2-C3	Plastic	65	140	33	C3	No	11835002
NJ313-E-XL-TVP2	Plastic	65	140	33	CN [normal]	No	11667862
NJ2313-E-XL-TVP2-C3	Plastic	65	140	48	C3	No	11834971
NJ2313-E-XL-TVP2	Plastic	65	140	48	CN [normal]	No	11667823
NJ214-E-XL-TVP2	Plastic	70	125	24	CN [normal]	No	11834930
NJ2214-E-XL-TVP2	Plastic	70	125	31	CN [normal]	No	11667791
NJ314-E-XL-TVP2-C3	Plastic	70	150	35	C3	No	11835003
NJ314-E-XL-TVP2	Plastic	70	150	35	CN [normal]	No	11667863
NJ2314-E-XL-TVP2-C3	Plastic	70	150	51	C3	No	11834973
NJ2314-E-XL-TVP2	Plastic	70	150	51	CN [normal]	No	11667825
NJ215-E-XL-TVP2-C3	Plastic	75	130	25	C3	No	11834931
NJ215-E-XL-TVP2	Plastic	75	130	25	CN [normal]	No	11667768
NJ315-E-XL-TVP2	Plastic	75	160	37	CN [normal]	No	11667865
NJ216-E-XL-TVP2-C3	Plastic	80	140	26	C3	No	11834932
NJ216-E-XL-TVP2	Plastic	80	140	26	CN [normal]	No	11667769
NJ2216-E-XL-TVP2-C3	Plastic	80	140	33	C3	No	11834954
NJ2216-E-XL-TVP2	Plastic	80	140	33	CN [normal]	No	11667793
NJ316-E-XL-TVP2	Plastic	80	170	39	CN [normal]	No	11667866
NJ2316-E-XL-TVP2	Plastic	80	170	58	CN [normal]	No	11667828
NJ217-E-XL-TVP2-C3	Plastic	85	150	28	C3	No	11834934
NJ217-E-XL-TVP2	Plastic	85	150	28	CN [normal]	No	11667771
NJ2217-E-XL-TVP2	Plastic	85	150	36	CN [normal]	No	11667794
NJ317-E-XL-TVP2	Plastic	85	180	41	CN [normal]	No	11667868

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		mm	mm	mm			Max. 200 articles in the table
NJ2317-E-XL-TVP2	Plastic	85	180	60	CN [normal]	No	11667830
NJ218-E-XL-TVP2-C3	Plastic	90	160	30	C3	No	12080297
NJ218-E-XL-TVP2	Plastic	90	160	30	CN [normal]	No	11667772
NJ2218-E-XL-TVP2	Plastic	90	160	40	CN [normal]	No	11667795
NJ318-E-XL-TVP2	Plastic	90	190	43	CN [normal]	No	11667870
NJ2318-E-XL-TVP2	Plastic	90	190	64	CN [normal]	No	11667832
NJ219-E-XL-TVP2	Plastic	95	170	32	CN [normal]	No	11667774
NJ2219-E-XL-TVP2	Plastic	95	170	43	CN [normal]	No	11667797
NJ220-E-XL-TVP2	Plastic	100	180	34	CN [normal]	No	11667784
NJ2220-E-XL-TVP2	Plastic	100	180	46	CN [normal]	No	11667798
NJ320-E-XL-TVP2	Plastic	100	215	47	CN [normal]	No	11667873
NJ2320-E-XL-TVP2	Plastic	100	215	73	CN [normal]	No	11667835
NJ222-E-XL-TVP2-C3	Plastic	110	200	38	C3	No	11834958
NJ222-E-XL-TVP2	Plastic	110	200	38	CN [normal]	No	11667804
NJ2222-E-XL-TVP2	Plastic	110	200	53	CN [normal]	No	11667799
NJ224-E-XL-TVP2-C3	Plastic	120	215	40	C3	No	11834961
NJ224-E-XL-TVP2	Plastic	120	215	40	CN [normal]	No	11667808
NJ2224-E-XL-TVP2	Plastic	120	215	58	CN [normal]	No	11667800
NJ226-E-XL-TVP2	Plastic	130	230	40	CN [normal]	No	11667810
NJ2226-E-XL-TVP2	Plastic	130	230	64	CN [normal]	No	11667802
NJ2207-E-XL-JP3	Steel	35	72	23	CN [normal]	No	11834940
NJ213-E-XL-JP3-C3	Steel	65	120	23	C3	No	11834928

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