



SKF Cylindrical roller bearing caged Single row Series: N

Product description

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.

N design:

The outer ring of an N cylindrical bearing has no ribs, whereas the inner ring of the cylindrical bearing has two fixed ribs. This means that the N cylindrical bearing cannot locate the shaft, therefore the axial displacement of the shaft relative to the casing can be accommodated in both directions.

Characteristics

Series: N

Manufacturer ID	Cage material	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	With sealing	Article
N 311 ECM/P63	Brass	55	120	29	C3	No	N311MP63-SKF
N 312 M/P63	Brass	60	130	31	C3	No	N312MP63-SKF
N 314 ECM/C3	Brass	70	150	35	C3	No	N314MC3-SKF
N 317 ECM	Brass	85	180	41	CN [normal]	No	N317M-SKF
N 318 ECM/C3	Brass	90	190	43	C3	No	N318MC3-SKF
N 318 ECM	Brass	90	190	43	CN [normal]	No	N318M-SKF
N 324 ECM/C3	Brass	120	260	55	C3	No	N324MC3-SKF
N 205 ECP	Plastic	25	52	15	CN [normal]	No	N205-SKF
N 206 ECP	Plastic	30	62	16	CN [normal]	No	N206-SKF
N 306 ECP	Plastic	30	72	19	CN [normal]	No	N306-SKF
N 207 ECP	Plastic	35	72	17	CN [normal]	No	N207-SKF
N 307 ECP	Plastic	35	80	21	CN [normal]	No	N307-SKF
N 208 ECP	Plastic	40	80	18	CN [normal]	No	N208-SKF
N 308 ECP	Plastic	40	90	23	CN [normal]	No	N308-SKF
N 209 ECP	Plastic	45	85	19	CN [normal]	No	N209-SKF
N 309 ECP	Plastic	45	100	25	CN [normal]	No	N309-SKF
N 210 ECP	Plastic	50	90	20	CN [normal]	No	N210-SKF
N 310 ECP/C3	Plastic	50	110	27	C3	No	N310C3-SKF
N 310 ECP	Plastic	50	110	27	CN [normal]	No	N310-SKF
N 211 ECP	Plastic	55	100	21	CN [normal]	No	N211-SKF
N 311 ECP	Plastic	55	120	29	CN [normal]	No	N311-SKF
N 212 ECP	Plastic	60	110	22	CN [normal]	No	N212-SKF
N 312 ECP/C3	Plastic	60	130	31	C3	No	N312C3-SKF
N 312 ECP	Plastic	60	130	31	CN [normal]	No	N312-SKF
N 313 ECP/C3	Plastic	65	140	33	C3	No	N313C3-SKF
N 313 ECP	Plastic	65	140	33	CN [normal]	No	N313-SKF
N 314 ECP	Plastic	70	150	35	CN [normal]	No	N314-SKF
N 215 ECP/C3	Plastic	75	130	25	C3	No	N215C3-SKF
N 315 ECP/C3	Plastic	75	160	37	C3	No	N315C3-SKF
N 315 ECP	Plastic	75	160	37	CN [normal]	No	N315-SKF
N 216 ECP/C3	Plastic	80	140	26	C3	No	N216C3-SKF
N 216 ECP	Plastic	80	140	26	CN [normal]	No	N216-SKF
N 316 ECP/C3	Plastic	80	170	39	C3	No	N316C3-SKF

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Manufacturer ID	Cage material	Inner diameter	Outer diameter	Width	Internal clearance	With sealing	Article
		mm	mm	mm			
N 316 ECP	Plastic	80	170	39	CN (normal)	No	N316-SKF
N 217 ECP/C3	Plastic	85	150	28	C3	No	N217C3-SKF
N 317 ECP	Plastic	85	180	41	CN (normal)	No	N317-SKF
N 318 ECP/C3	Plastic	90	190	43	C3	No	N318C3-SKF
N 318 ECP	Plastic	90	190	43	CN (normal)	No	N318-SKF
N 319 ECP/C3	Plastic	95	200	45	C3	No	N319C3-SKF
N 222 ECP	Plastic	110	200	38	CN (normal)	No	N222-SKF
N 312 ECJ/C3	Steel	60	130	31	C3	No	N312JC3-SKF

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