



SKF Cylindrical roller bearing caged Single row Series: NJ

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.

NJ design:

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 mm	Outer diameter mm	Width mm	Internal clearance	With sealing	Article
NJ 2310 ECML/C3	Brass	50	110	40	C3	No	NJ2310MC3-SKF
NJ 2312 ECML/C3	Brass	60	130	46	C3	No	NJ2312MC3-SKF
NJ 2318 ECML/C3	Brass	90	190	64	C3	No	NJ2318MC3-SKF
NJ 2318 ECML/C4	Brass	90	190	64	C4	No	NJ2318MLC4-SKF
NJ 230 ECM	Brass	150	270	45	CN (normal)	No	NJ230CM-SKF
NJ 203 ECP	Plastic	17	40	12	CN (normal)	No	NJ203-SKF
NJ 204 ECP	Plastic	20	47	14	CN (normal)	No	NJ204-SKF
NJ 304 ECP	Plastic	20	52	15	CN (normal)	No	NJ304-SKF
NJ 205 ECP	Plastic	25	52	15	CN (normal)	No	NJ205-SKF
NJ 2205 ECP	Plastic	25	52	18	CN (normal)	No	NJ2205-SKF
NJ 305 ECP/C3	Plastic	25	62	17	C3	No	NJ305C3-SKF
NJ 305 ECP/C4	Plastic	25	62	17	C4	No	NJ305C4-SKF
NJ 305 ECP	Plastic	25	62	17	CN (normal)	No	NJ305-SKF
NJ 2305 ECP	Plastic	25	62	24	CN (normal)	No	NJ2305-SKF
NJ 206 ECP	Plastic	30	62	16	CN (normal)	No	NJ206-SKF
NJ 306 ECP/C3	Plastic	30	72	19	C3	No	NJ306C3-SKF
NJ 306 ECP	Plastic	30	72	19	CN (normal)	No	NJ306-SKF
NJ 207 ECP	Plastic	35	72	17	CN (normal)	No	NJ207-SKF
NJ 307 ECP	Plastic	35	80	21	CN (normal)	No	NJ307-SKF
NJ 2307 ECP	Plastic	35	80	31	CN (normal)	No	NJ2307-SKF
NJ 208 ECP	Plastic	40	80	18	CN (normal)	No	NJ208-SKF
NJ 308 ECP	Plastic	40	90	23	CN (normal)	No	NJ308-SKF
NJ 209 ECP	Plastic	45	85	19	CN (normal)	No	NJ209-SKF
NJ 2209 ECP	Plastic	45	85	23	CN (normal)	No	NJ2209-SKF
NJ 309 ECP	Plastic	45	100	25	CN (normal)	No	NJ309-SKF
NJ 210 ECP	Plastic	50	90	20	CN (normal)	No	NJ210-SKF
NJ 2210 ECP	Plastic	50	90	23	CN (normal)	No	NJ2210-SKF
NJ 310 ECP	Plastic	50	110	27	CN (normal)	No	NJ310-SKF
NJ 211 ECP	Plastic	55	100	21	CN (normal)	No	NJ211-SKF
NJ 311 ECP/C4	Plastic	55	120	29	C4	No	NJ311C4-SKF
NJ 311 ECP	Plastic	55	120	29	CN (normal)	No	NJ311-SKF
NJ 212 ECP	Plastic	60	110	22	CN (normal)	No	NJ212-SKF
NJ 312 ECP	Plastic	60	130	31	CN (normal)	No	NJ312-SKF
NJ 2213 ECP/C3	Plastic	65	120	31	C3	No	NJ2213C3-SKF

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Manufacturer ID	Cage material	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	With sealing	Article
NJ 2213 ECP	Plastic	65	120	31	CN (normal)	No	NJ2213-SKF
NJ 313 ECP/C3	Plastic	65	140	33	C3	No	NJ313C3-SKF
NJ 313 ECP/C4	Plastic	65	140	33	C4	No	NJ313C4-SKF
NJ 313 ECP	Plastic	65	140	33	CN (normal)	No	NJ313-SKF
NJ 214 ECP	Plastic	70	125	24	CN (normal)	No	NJ214-SKF
NJ 2314 ECP/C4	Plastic	70	150	51	C4	No	NJ2314C4-SKF
NJ 2216 ECP/C3	Plastic	80	140	33	C3	No	NJ2216C3-SKF
NJ 316 ECP/C4	Plastic	80	170	39	C4	No	NJ316C4-SKF
NJ 317 ECP/C3	Plastic	85	180	41	C3	No	NJ317C3-SKF
NJ 218 ECP	Plastic	90	160	30	CN (normal)	No	NJ218-SKF
NJ 2220 ECP	Plastic	100	180	46	CN (normal)	No	NJ2220-SKF
NJ 224 ECP	Plastic	120	215	40	CN (normal)	No	NJ224-SKF
NJ 205 ECJ	Steel	25	52	15	CN (normal)	No	NJ205J-SKF
NJ 307 ECJ	Steel	35	80	21	CN (normal)	No	NJ307J-SKF
NJ 208 ECJ	Steel	40	80	18	CN (normal)	No	NJ208J-SKF
NJ 2308 ECJ/C3	Steel	40	90	33	C3	No	NJ2308J-C3-SKF
NJ 2308 ECJ	Steel	40	90	33	CN (normal)	No	NJ2308J-SKF
NJ 310 ECJ/C3	Steel	50	110	27	C3	No	NJ310J-C3-SKF
NJ 310 ECJ	Steel	50	110	27	CN (normal)	No	NJ310J-SKF
NJ 311 ECJ/C3	Steel	55	120	29	C3	No	NJ311J-C3-SKF
NJ 311 ECJ	Steel	55	120	29	CN (normal)	No	NJ311J-SKF
NJ 2213 ECJ	Steel	65	120	31	CN (normal)	No	NJ2213J-SKF
NJ 315 ECJ	Steel	75	160	37	CN (normal)	No	NJ315J-SKF
NJ 316 ECJ	Steel	80	170	39	CN (normal)	No	NJ316J-SKF
NJ 219 ECJ	Steel	95	170	32	CN (normal)	No	NJ219J-SKF
NJ 224 ECJ	Steel	120	215	40	CN (normal)	No	NJ224J-SKF
NJ 230 ECJ	Steel	150	270	45	CN (normal)	No	NJ230J-SKF

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