



NSK Cylindrical roller bearing caged Single row Series: N

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 model:

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
N205ET	Plastic	25	52	15	CN [normal]	No	N205-NSK
N306ET	Plastic	30	72	19	CN [normal]	No	N306-NSK
N207ET	Plastic	35	72	17	CN [normal]	No	N207-NSK
N310ET	Plastic	50	110	27	CN [normal]	No	N310-NSK
N203W	Steel	17	40	12	CN [normal]	No	N203J-NSK
N307WC3	Steel	35	80	21	C3	No	N307JC3-NSK
N308WC3	Steel	40	90	23	C3	No	N308JC3-NSK
N308W	Steel	40	90	23	CN [normal]	No	N308J-NSK
N209W	Steel	45	85	19	CN [normal]	No	N209J-NSK
N309WC3	Steel	45	100	25	C3	No	N309JC3-NSK
N210WC3	Steel	50	90	20	C3	No	N210JC3-NSK
N211WC3	Steel	55	100	21	C3	No	N211JC3-NSK
N311W	Steel	55	120	29	CN [normal]	No	N311J-NSK
N312WC3	Steel	60	130	31	C3	No	N312JC3-NSK
N312W	Steel	60	130	31	CN [normal]	No	N312J-NSK
N313WC3	Steel	65	140	33	C3	No	N313JC3-NSK
N214WC3	Steel	70	125	24	C3	No	N214JC3-NSK
N214W	Steel	70	125	24	CN [normal]	No	N214J-NSK
N317WC3	Steel	85	180	41	C3	No	N317JC3-NSK
N318WC3	Steel	90	190	43	C3	No	N318JC3-NSK
N318W	Steel	90	190	43	CN [normal]	No	N318J-NSK
N319WC3	Steel	95	200	45	C3	No	N319JC3-NSK
N320WC3	Steel	100	215	47	C3	No	N320JC3-NSK
N320W	Steel	100	215	47	CN [normal]	No	N320J-NSK
N324WC3	Steel	120	260	55	C3	No	N324JC3-NSK

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