



SKF Cylindrical roller bearing full complement Double row Series: NNF

Product description

Full complement bearings (without a cage) incorporate a maximum number of rollers and are therefore suitable for very heavy radial loads at moderate speeds. They are used to locate the shaft axially in one direction and eventually to accommodate axial displacement of the shaft relative to the housing in the opposite direction.

NNF design

NNF design bearings have a two-piece inner ring, held together by a retaining ring. The inner ring has three integral flanges and the outer ring has one integral central flange. The bearings are used to locate a shaft axially in both directions. The distance between the two rows of rollers enables these bearings to accommodate tilting moments. The outer ring of an NNF design bearing is 1 mm narrower than the inner ring. In applications with a rotating outer ring, there is no need for spacer rings between the inner ring and adjacent components. The outer ring has two snap ring grooves to simplify installation and save space axially, when the bearing is mounted in/on an adjacent component, e.g. in rope sheaves. The bearings have a contact PUR seal on both sides. Each seal is fitted in a recess on the inner ring shoulder. The seal lip exerts slight pressure against the outer ring raceway. The bearings are filled with a high-quality grease with good rust inhibiting properties.

Relubrication

For many application conditions, NNF design sealed bearings do not require relubrication and can be considered relubrication-free. However, if they operate in a moist or contaminated environment, or if speeds are moderate to high, relubrication may be necessary. The bearings can be relubricated via lubrication holes in both the inner and outer rings

Characteristics

Series: NNF

Manufacturer ID	Cage material	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	With sealing	Article
NNF 5004 ADB-2LSV	No cage	20	42	30	CN (normal)	Yes	12161420
NNF 5005 ADB-2LSV	No cage	25	47	30	CN (normal)	Yes	23767713
NNF 5006 ADB-2LSV	No cage	30	55	34	CN (normal)	Yes	23767714
NNF 5007 ADB-2LSV	No cage	35	62	36	CN (normal)	Yes	23767715
NNF 5008 ADB-2LSV	No cage	40	68	38	CN (normal)	Yes	23767716
NNF 5009 ADB-2LSV	No cage	45	75	40	CN (normal)	Yes	23767717
NNF 5010 ADB-2LSV	No cage	50	80	40	CN (normal)	Yes	23767718
NNF 5011 ADB-2LSV	No cage	55	90	46	CN (normal)	Yes	23767719
NNF 5012 ADB-2LSV	No cage	60	95	46	CN (normal)	Yes	23767720
NNF 5013 ADB-2LSV	No cage	65	100	46	CN (normal)	Yes	23767721
NNF 5014 ADB-2LSV	No cage	70	110	54	CN (normal)	Yes	23767722
NNF 5015 ADB-2LSV	No cage	75	115	54	CN (normal)	Yes	23767723
NNF 5016 ADA-2LSV	No cage	80	125	60	CN (normal)	Yes	23767724
NNF 5017 ADA-2LSV	No cage	85	130	60	CN (normal)	Yes	13200461
NNF 5018 ADA-2LSV	No cage	90	140	67	CN (normal)	Yes	23767726
NNF 5020 ADA-2LSV	No cage	100	150	67	CN (normal)	Yes	23767727
NNF 5022 ADA-2LSV	No cage	110	170	80	CN (normal)	Yes	23767728

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Manufacturer ID	Cage material	Inner diameter mm	Outer diameter mm	Width mm	Internal clearance	With sealing	Article
NNF 5024 ADA-2LSV	No cage	120	180	80	CN (normal)	Yes	23767729
NNF 5024 ADA-2LSV/W64	No cage	120	180	80	CN (normal)	Yes	13200462
NNF 5026 ADA-2LSV	No cage	130	200	95	CN (normal)	Yes	23767730
NNF 5028 ADA-2LSV	No cage	140	210	95	CN (normal)	Yes	23767731
NNF 5030 ADA-2LSV	No cage	150	225	100	CN (normal)	Yes	23767732
NNF 5034 ADA-2LSV	No cage	170	260	122	CN (normal)	Yes	23767734

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