



# Needle roller bearings

The compact end of the comprehensive SKF range



Bearing arrangements are complex systems. They can only be given an optimum design if a complete bearing range is available to choose from. The SKF product range covers all bearing types.

Where space is at a premium, SKF needle roller bearings can be the answer. They are available in all the sizes and designs normally offered on the market and have the high and consistent quality which is the hallmark of SKF bearings.

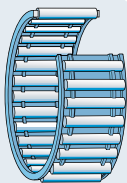
Needle roller bearings represent just one of the many options afforded by the SKF programme.

# Needle roller bearings

More than just the sum of their component parts

## Needle roller and cage assemblies

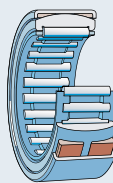
**Needle roller and cage assemblies**  
– single and double row



Series K, K..ZW

## Alignment needle roller bearings

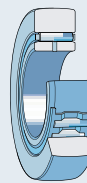
**Alignment needle roller bearings**  
with and without inner ring



Series RPNA  
Series PNA

## Support rollers

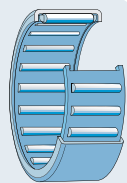
**Support roller without axial guidance**  
– open and sealed  
– with or without inner ring



Series RSTO, RNA 22.. .2RS  
Series STO, NA 22.. .2RS

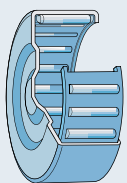
## Drawn cup needle roller bearings

**Drawn cup needle roller bearings with open ends**  
– single and double row  
– sealed at one or both sides  
– with and without cage



Series HK, HK..RS, HK.. .2RS  
Series HN

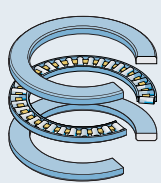
**Drawn cup needle roller bearings with closed ends**  
– single and double row  
– sealed



Series BK, BK..RS

## Needle roller thrust bearings

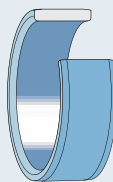
**Needle roller and cage thrust assemblies and appropriate thrust washers**



Series AXK, AXW  
Series AS, LS  
Series WS, GS

## Components

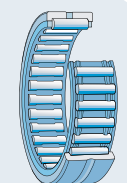
**Inner rings**  
**Seals**  
**Needle rollers**



Series IR, LR  
Series G, SD  
Series RN

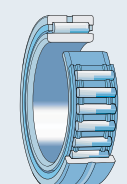
## Needle roller bearings

**Needle roller bearings with flanges**  
without inner ring  
– single and double row



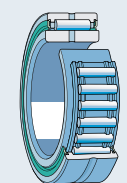
Series NK, NKS  
Series RNA 48, RNA 49  
Series RNA 69

**Needle roller bearings with flanges**  
with inner ring  
– single and double row



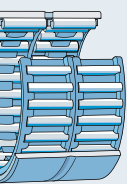
Series NKI, NKIS  
Series NA 48, NA 49, NA 69

**Needle roller bearings with flanges**  
– with and without inner ring  
– sealed at one or both sides



Series RNA..RS, RNA.. .2RS  
Series NA..RS, NA.. .2RS

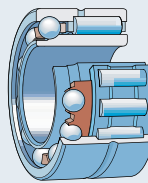
**Needle roller bearings without flanges**  
– with and without inner ring  
– single and double row



Series RNAO  
Series NAO

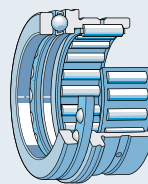
## Combined bearings

**Needle roller/angular contact ball bearings**  
– single direction  
– double direction



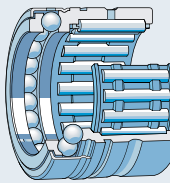
Series NKIA  
Series NKIB

**Needle roller/thrust ball bearings**  
– with and without cover



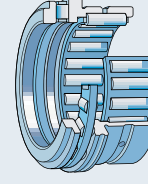
Series NKX, NKX..Z

**Needle roller/thrust ball bearings**  
with full complement thrust ball bearing



Series NX, NX..Z

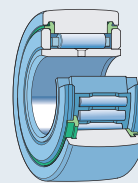
**Needle roller/cylindrical roller thrust bearings**  
– with and without cover



Series NKXR, NKXR..Z

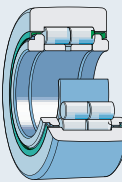
## Support rollers with axial guidance

**Support rollers with axial guidance**  
– with and without seals  
– with and without cage



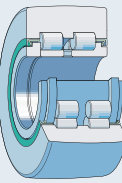
Series NATR, NATR..PPA  
Series NATV, NATV..PPA

**Support rollers with axial guidance**  
with gap type seals



Series NUTR..A

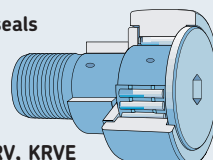
**Support rollers with axial guidance**  
with lip type seals



Series PWTR.. .2RS  
Series NNTR.. .2ZL

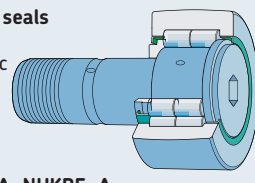
## Cam followers

**Cam followers with and without seals**  
– with and without cage  
– without or with eccentric collar



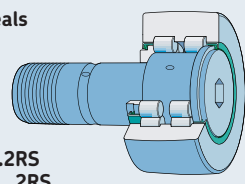
Series KR, KRE, KRV, KRVE  
Series KR..PPA, KRE..PPA  
Series KRV..PPA, KRVE..PPA

**Cam followers with gap type seals**  
– without or with eccentric collar



Series NUKR..A, NUKRE..A

**Cam followers with lip type seals**  
– without or with eccentric collar



Series PWKR.. .2RS  
Series PWKRE.. .2RS

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