

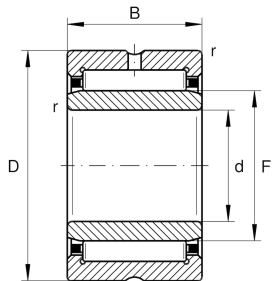
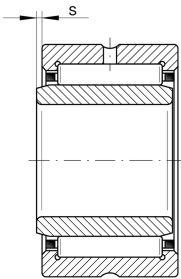
**NKI45/25-TV-XL-C3**

Needle roller bearing

Needle roller bearings NKI, light series

X-life

## Technical information



## Your current product variant

Cage	TV	Plastic Cage made from PA66
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (DIN 620-2)
Lubrication hole	With	
Coating	Without	
Lubricant	Without	

## Main Dimensions &amp; Performance Data

d	45 mm	Bore diameter
D	62 mm	Outside diameter
B	25 mm	Width
$C_r$	48.500 N	Basic dynamic load rating, radial
$C_{0r}$	87.000 N	Basic static load rating, radial
$C_{ur}$	15.000 N	Fatigue load limit, radial
$n_G$	9.200 1/min	Limiting speed
$n_{gr}$	5.100 1/min	Reference speed
$m$	0,213 kg	Weight



### Dimensions

F	50 mm	Raceway diameter inner ring
r <sub>min</sub>	0,6 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement

### Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

### Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed
-  Small design envelope