

## NKX 17 Z

Popular item

### Needle roller / thrust rolling bearings

#### Bearing data

[Tolerances,](#)

Normal, ISO - F6 (Fw) + E8 (d), thrust bearing,

[Radial internal clearance,](#)

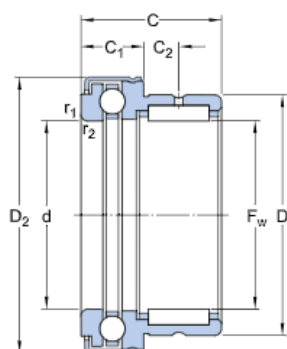
table

#### Design considerations

[Shaft and housing tolerances,](#)

table

### Technical specification

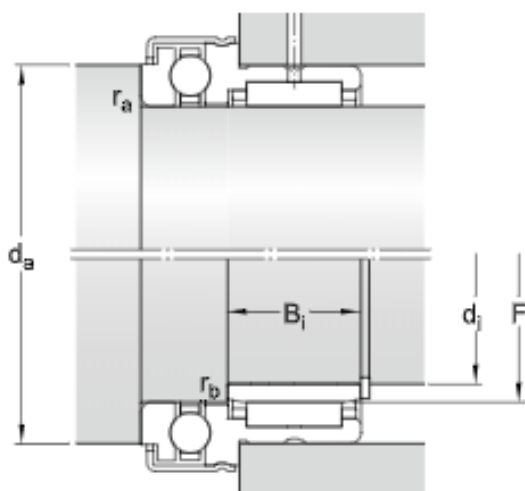


#### DIMENSIONS

$F_w$	17 mm
$D$	26 mm
$C$	25 mm
$C_1$	9 mm
$C_2$	8 mm
$d$	17 mm
$D_2$	31.2 mm
$r_{1,2}$	min. 0.3 mm

#### ABUTMENT DIMENSIONS

$d_a$	min. 25.7 mm
$r_a$	max. 0.3 mm
$r_b$	max. 0.3 mm
$d_i$	14 mm
$F$	17 mm
$B_i$	17 mm



## CALCULATION DATA

Basic dynamic load rating, radial direction	C	12.1 kN
Basic static load rating, radial direction	C <sub>0</sub>	16.6 kN
Basic dynamic load rating, axial direction	C	10.8 kN
Basic static load rating, axial direction	C <sub>0</sub>	19.6 kN
Fatigue load limit, radial direction	P <sub>u</sub>	1.96 kN
Fatigue load limit, axial direction	P <sub>u</sub>	0.735 kN
Minimum axial load factor	A	0.002
Reference speed		8 500 r/min
Limiting speed		7 000 r/min

## MASS

Mass bearing	0.055 kg
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## ASSOCIATED PRODUCTS

Inner ring	IR 14x17x17
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## More information

Product details	Engineering information	Tools
<a href="#">Needle roller / angular contact ball bearings</a>	<a href="#">Principles of rolling bearing selection</a>	<a href="#">SimPro Quick</a>
<a href="#">Needle roller / thrust ball bearings</a>	<a href="#">General bearing knowledge</a>	<a href="#">Bearing Select</a>
<a href="#">Needle roller / cylindrical roller thrust bearings</a>	<a href="#">Bearing selection process</a>	<a href="#">Engineering Calculator</a>
<a href="#">Bearing data</a>	<a href="#">Bearing failure and how to prevent it</a>	<a href="#">LubeSelect for SKF greases</a>
<a href="#">Loads</a>		<a href="#">Heater Selection Tool</a>
<a href="#">Temperature limits</a>		<a href="#">skf.com/mount</a>
<a href="#">Permissible speed</a>		
<a href="#">Design considerations</a>		
<a href="#">Designation system</a>		

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