



## NK 80/25

- Popular item

Needle roller bearings with machined rings, without an inner ring

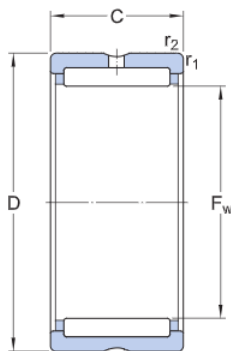
### Bearing data

[Tolerances](#),  
Normal, P6, P5, ISO - F6 (Fw),  
[Radial internal clearance](#),  
table

### Design considerations

[Housing tolerances](#),  
table,  
[Shaft tolerances](#),  
[Operating clearance](#)

## Technical specification

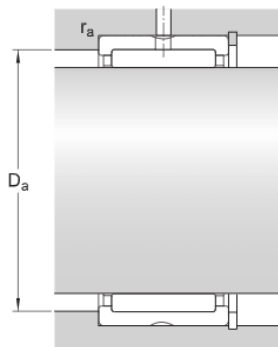


### DIMENSIONS

$F_w$	80 mm	Diameter under rollers
D	95 mm	Outside diameter
C	25 mm	Width
$r_{1,2}$	min.1 mm	Chamfer dimension outer ring

### ABUTMENT DIMENSIONS

$D_a$	max.90 mm	Abutment diameter housing (with flanges)
$r_a$	max.1 mm	Fillet radius



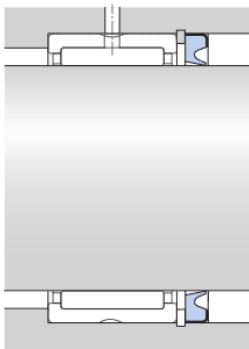
## CALCULATION DATA

Basic dynamic load rating	C	56.1 kN
Basic static load rating	C <sub>0</sub>	127 kN
Fatigue load limit	P <sub>u</sub>	15.6 kN
Reference speed		5 000 r/min
Limiting speed		5 600 r/min

## MASS

Mass bearing	0.3 kg
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## ASSOCIATED SEALS



Radial shaft seal	80x95x10 HMS5 RG	Radial shaft seal
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