

NNC 4960 CV

Cylindrical roller bearings, double row,
full complement

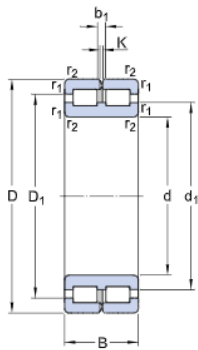
Bearing data

[Tolerances](#),
Normal,
[Radial internal clearance](#),
table,
[Axial internal clearance](#)

Bearing interfaces

[Seat tolerances for standard conditions](#),
[Tolerances and resultant fit](#)

Technical specification

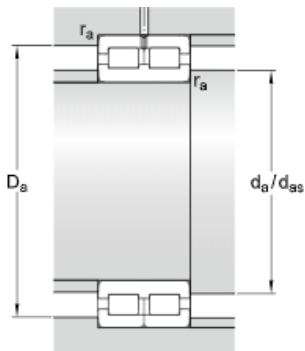


DIMENSIONS

d	300 mm
D	420 mm
B	118 mm
d_1	≈ 341 mm
D_1	≈ 374 mm
b_1	9.4 mm
K	5 mm
$r_{1,2}$	min. 3 mm

ABUTMENT DIMENSIONS

d_a	min. 315 mm
d_{as}	328 mm
D_a	max. 406 mm
r_a	max. 2.5 mm



CALCULATION DATA

Basic dynamic load rating	C	1 680 kN
Basic static load rating	C_0	3 750 kN
Fatigue load limit	P_u	355 kN
Reference speed		670 r/min
Limiting speed		800 r/min
Calculation factor	k_f	0.25

MASS

Mass bearing	53 kg
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More information

<p>Product details</p> <ul style="list-style-type: none"> Designs and variants Bearing data Loads Temperature limits Permissible speed Design considerations Designation system 	<p>Engineering information</p> <ul style="list-style-type: none"> Principles of rolling bearing selection General bearing knowledge Bearing selection process Bearing failure and how to prevent it 	<p>Tools</p> <ul style="list-style-type: none"> SimPro Quick Bearing Select Engineering Calculator LubeSelect for SKF greases Heater selection tool Oil Injection Method Program Rolling bearings mounting and dismounting instructions
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