



NCF 2960 CV

Popular item

Cylindrical roller bearings, single row, full complement

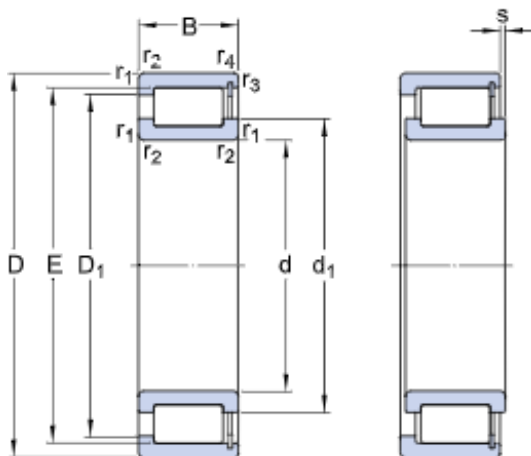
Bearing data

Tolerances, Normal, Radial internal clearance, table

Bearing interfaces

Seat tolerances for standard conditions, Tolerances and resultant fit

Technical specification

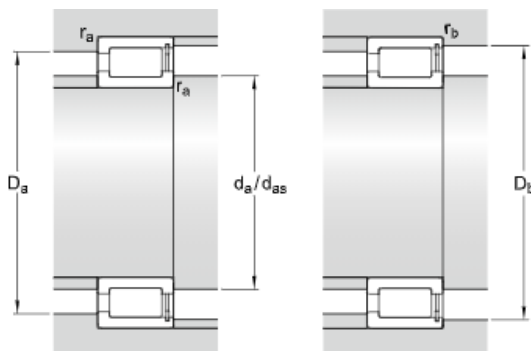


DIMENSIONS

d	300 mm
D	420 mm
B	72 mm
d ₁	≈ 341 mm
D ₁	≈ 375 mm
E	390.5 mm
s	max. 5 mm
r _{1,2}	min. 3 mm
r _{3,4}	min. 3 mm

ABUTMENT DIMENSIONS

d _a	min. 314 mm
d _{as}	334 mm
D _a	max. 405 mm
D _b	max. 405 mm
r _a	max. 2.5 mm
r _b	max. 2.5 mm



CALCULATION DATA

Basic dynamic load rating	C	1 120 kN
Basic static load rating	C ₀	2 200 kN
Fatigue load limit	P _u	208 kN
Reference speed		630 r/min
Limiting speed		800 r/min
Calculation factor	k _r	0.2
Calculation factor	e	0.3
Calculation factor	Y	0.4

MASS

Mass bearing	31.5 kg
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More information

Product details	Engineering information	Tools
Designs and variants	Principles of rolling bearing selection	SimPro Quick
Bearing data	General bearing knowledge	Bearing Select
Loads	Bearing selection process	Engineering Calculator
Temperature limits	Bearing failure and how to prevent it	LubeSelect for SKF greases
Permissible speed		Heater selection tool
Design considerations		Oil Injection Method Program
Designation system		Rolling bearings mounting and dismounting instructions

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