



NCF 2968 V

Cylindrical roller bearings, single row, full complement

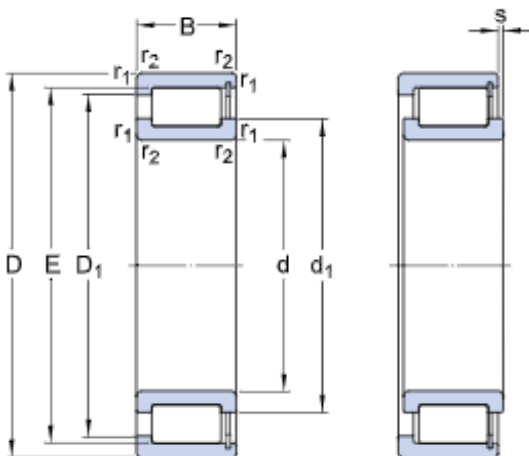
Bearing data

Tolerances,
Normal,
Radial internal clearance,
table

Bearing interfaces

Seat tolerances for standard
conditions,
Tolerances and resultant fit
table

Technical specification

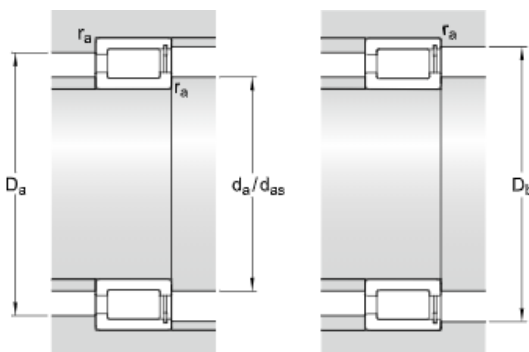


DIMENSIONS

d	340 mm
D	460 mm
B	72 mm
d_1	≈ 378.5 mm
D_1	≈ 421 mm
E	431 mm
s	max. 5 mm
$r_{1,2}$	min. 3 mm

ABUTMENT DIMENSIONS

d_a	min. 353 mm
d_{as}	373 mm
D_a	max. 447 mm
D_b	max. 447 mm
r_a	max. 2.5 mm



CALCULATION DATA

Basic dynamic load rating	C	1 190 kN
Basic static load rating	C ₀	2 500 kN
Fatigue load limit	P _u	228 kN
Reference speed		560 r/min
Limiting speed		700 r/min
Calculation factor	k _r	0.2
Calculation factor	e	0.3
Calculation factor	Y	0.4

MASS

Mass bearing	35 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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