



NCF 2976 V

Popular item

Cylindrical roller bearings, single row, full complement

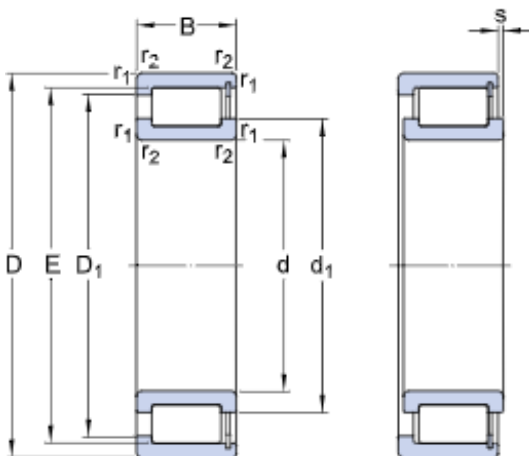
Bearing data

Tolerances,
Normal,
Radial internal clearance,
table

Bearing interfaces

Seat tolerances for standard
conditions,
Tolerances and resultant fit
table

Technical specification

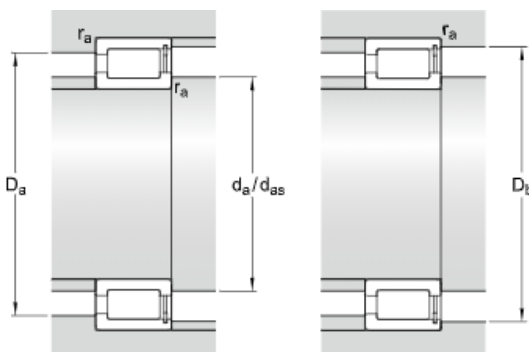


DIMENSIONS

d	380 mm
D	520 mm
B	82 mm
d_1	≈ 427.5 mm
D_1	≈ 473.5 mm
E	488 mm
s	max. 5 mm
$r_{1,2}$	min. 4 mm

ABUTMENT DIMENSIONS

d_a	min. 395 mm
d_{as}	420 mm
D_a	max. 505 mm
D_b	max. 505 mm
r_a	max. 3 mm



CALCULATION DATA

Basic dynamic load rating	C	1 570 kN
Basic static load rating	C ₀	3 250 kN
Fatigue load limit	P _u	300 kN
Reference speed		500 r/min
Limiting speed		630 r/min
Calculation factor	k _r	0.2
Calculation factor	e	0.3
Calculation factor	Y	0.4

MASS

Mass bearing	52 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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