



NCF 1888 V

Popular item

Cylindrical roller bearings, single row, full complement

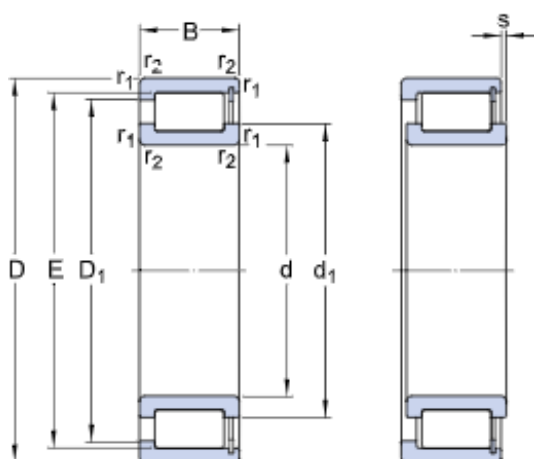
Bearing data

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

Bearing interfaces

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

Technical specification

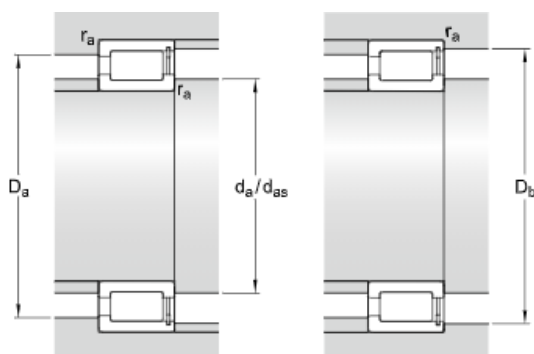


DIMENSIONS

d	440 mm
D	540 mm
B	46 mm
d ₁	≈ 474 mm
D ₁	≈ 506 mm
E	516 mm
s	max. 3.5 mm
r _{1,2}	min. 2.1 mm

ABUTMENT DIMENSIONS

d _a	min. 451 mm
d _{as}	469 mm
D _a	max. 529 mm
D _b	max. 533 mm
r _a	max. 1.5 mm



CALCULATION DATA

Basic dynamic load rating	C	671 kN
Basic static load rating	C ₀	1 460 kN
Fatigue load limit	P _u	125 kN
Reference speed		450 r/min
Limiting speed		560 r/min
Calculation factor	k _r	0.1
Calculation factor	e	0.2
Calculation factor	Y	0.6

MASS

Mass bearing	22 kg
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More information

Product details Designs and variants Bearing data Loads Temperature limits Permissible speed Design considerations Designation system	Engineering information Principles of rolling bearing selection General bearing knowledge Bearing selection process Bearing failure and how to prevent it	Tools 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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