



NCF 2936 CV

Popular item

Cylindrical roller bearings, single row, full complement

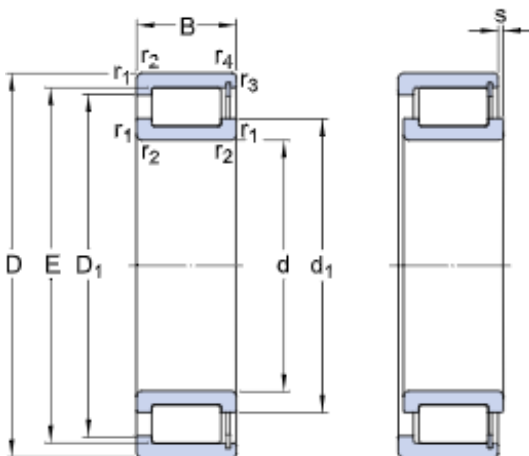
Bearing data

Tolerances,
Normal,
Radial internal clearance,
table

Bearing interfaces

Seat tolerances for standard
conditions,
Tolerances and resultant fit
table

Technical specification

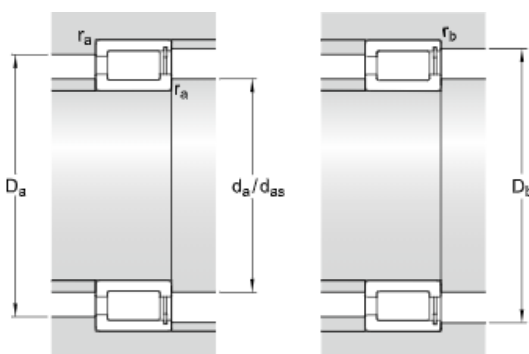


DIMENSIONS

d	180 mm
D	250 mm
B	42 mm
d_1	≈ 203 mm
D_1	≈ 223 mm
E	232 mm
s	max. 2.5 mm
$r_{1,2}$	min. 2 mm
$r_{3,4}$	min. 1.1 mm

ABUTMENT DIMENSIONS

d_a	min. 189 mm
d_{as}	199 mm
D_a	max. 241 mm
D_b	max. 243 mm
r_a	max. 1 mm
r_b	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	C	391 kN
Basic static load rating	C ₀	695 kN
Fatigue load limit	P _u	75 kN
Reference speed		1 100 r/min
Limiting speed		1 400 r/min
Calculation factor	k _r	0.2
Calculation factor	e	0.3
Calculation factor	Y	0.4

MASS

Mass bearing	6.14 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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