



NCF 2938 CV

Popular item

Cylindrical roller bearings, single row, full complement

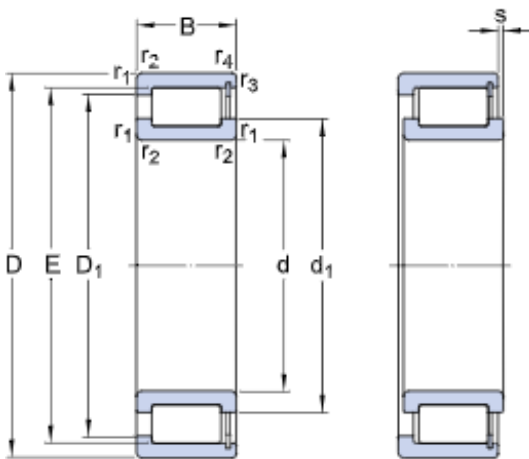
Bearing data

Tolerances, Normal, Radial internal clearance, table

Bearing interfaces

Seat tolerances for standard conditions, Tolerances and resultant fit

Technical specification

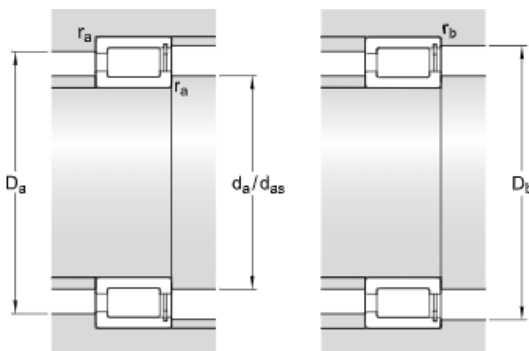


DIMENSIONS

d	190 mm
D	260 mm
B	42 mm
d ₁	≈ 212 mm
D ₁	≈ 236 mm
E	244 mm
s	max. 2 mm
r _{1,2}	min. 2 mm
r _{3,4}	min. 1.1 mm

ABUTMENT DIMENSIONS

d _a	min. 199 mm
d _{as}	208 mm
D _a	max. 250 mm
D _b	max. 252 mm
r _a	max. 1 mm
r _b	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	C	440 kN
Basic static load rating	C ₀	780 kN
Fatigue load limit	P _u	81.5 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	6.4 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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