



NCF 18/600 V

Popular item

Cylindrical roller bearings, single row, full complement

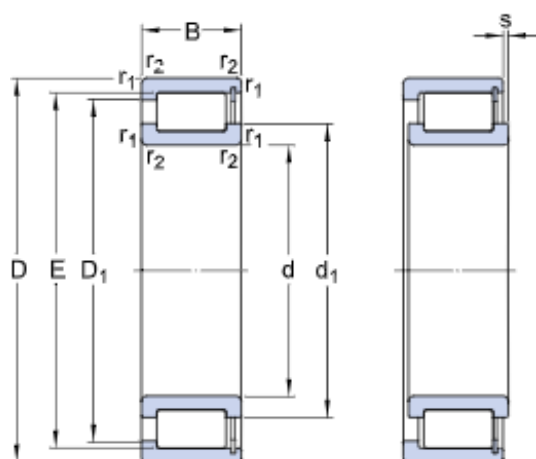
Bearing data

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

Bearing interfaces

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

Technical specification

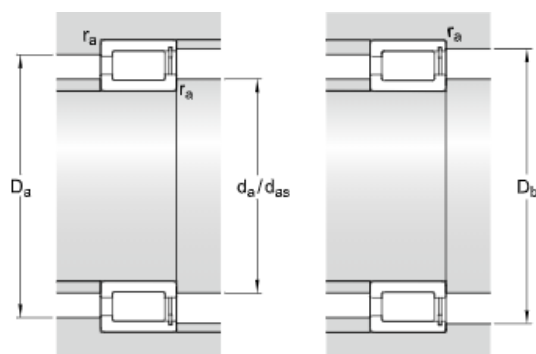


DIMENSIONS

d	600 mm
D	730 mm
B	60 mm
d ₁	≈ 644 mm
D ₁	≈ 684 mm
E	696 mm
s	max. 7 mm
r _{1,2}	min. 3 mm

ABUTMENT DIMENSIONS

d _a	min. 613 mm
d _{as}	638 mm
D _a	max. 717 mm
D _b	max. 717 mm
r _a	max. 2.5 mm



CALCULATION DATA

Basic dynamic load rating	C	1 050 kN
Basic static load rating	C ₀	2 550 kN
Fatigue load limit	P _u	196 kN
Reference speed		320 r/min
Limiting speed		400 r/min
Calculation factor	k _r	0.1
Calculation factor	e	0.2
Calculation factor	Y	0.6

MASS

Mass bearing	51.5 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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