



NUP 2222 ECML

- SKF Explorer

Cylindrical roller bearings, single row

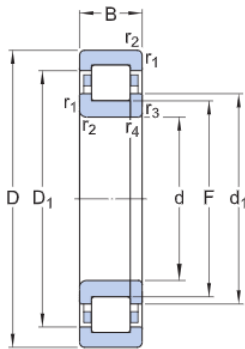
Bearing data

[Tolerances](#),
Normal (metric), P6, Normal (inch),
[Radial internal clearance](#),
cylindrical bore, tapered bore,
[Axial internal clearance](#),
NUP, NJ + HJ

Bearing interfaces

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

Technical specification

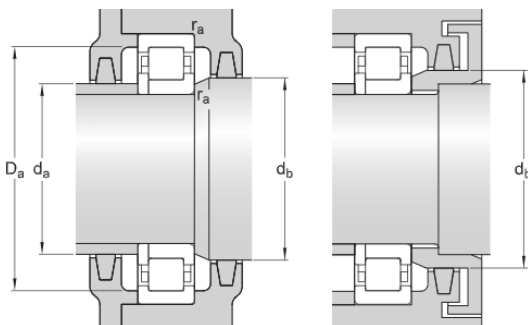


DIMENSIONS

d	110 mm	Bore diameter
D	200 mm	Outside diameter
B	53 mm	Width
d1	≈141 mm	Shoulder diameter of inner ring
D1	≈173.3 mm	Shoulder diameter of outer ring
F	132.5 mm	Chamfer dimension of loose flange ring
r _{1,2}	min.2.1 mm	Chamfer dimension
r _{3,4}	min.2.1 mm	Chamfer dimension of loose flange ring

ABUTMENT DIMENSIONS

d _a	min.122 mm	Diameter of spacer sleeve
d _b	min.144 mm	Diameter of shaft abutment
D _a	max.187 mm	Diameter of housing abutment
r _a	max.2 mm	Radius of fillet



CALCULATION DATA

Basic dynamic load rating	C	440 kN
Basic static load rating	C ₀	520 kN
Fatigue load limit	P _u	61 kN
Reference speed		3 600 r/min
Limiting speed		6 000 r/min
Minimum load factor	k _r	0.3
Limiting value	e	0.3
Axial load factor	Y	0.4

MASS

Mass	7.64 kg
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More information

<p>Product details</p> <ul style="list-style-type: none"> Designs and variants Bearing data Loads Temperature limits Permissible speed Design considerations Designation system 	<p>Engineering information</p> <ul style="list-style-type: none"> Principles of rolling bearing selection General bearing knowledge Bearing selection process Bearing failure and how to prevent it 	<p>Tools</p> <ul style="list-style-type: none"> 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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