



N 215 ECP Cylindrical roller

bearings, single row

Popular item
SKF Explorer

Cylindrical roller bearings, single row

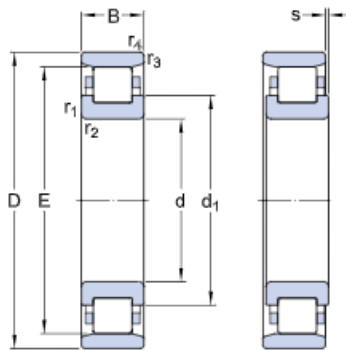
Bearing data

[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

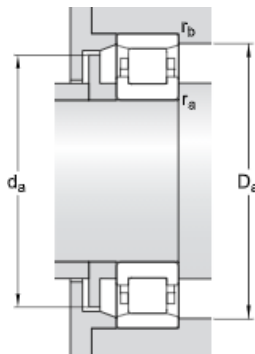


DIMENSIONS

d	75 mm
D	130 mm
B	25 mm
d ₁	≈ 94.3 mm
E	118.5 mm
r _{1,2}	min. 1.5 mm
r _{3,4}	min. 1.5 mm
s	max. 1.2 mm

ABUTMENT DIMENSIONS

d _a	min. 84 mm
d _a	max. 116 mm
D _a	min. 121 mm
D _a	max. 122 mm
r _a	max. 1.5 mm
r _b	max. 1.5 mm



CALCULATION DATA

Basic dynamic load rating	C	150 kN
Basic static load rating	C ₀	156 kN
Fatigue load limit	P _u	20.4 kN
Reference speed		5 600 r/min
Limiting speed		6 000 r/min
Calculation factor	k _r	0.12
Limiting value	e	0.2
Axial load factor	Y	0.6

MASS

Mass bearing	1.22 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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