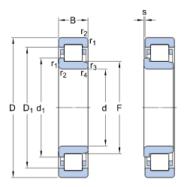


# Technical specification



# NJ 319 ECP

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

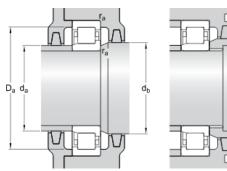
Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

#### DIMENSIONS

d	95 mm
D	200 mm
В	45 mm
d <sub>1</sub>	≈ 132 mm
D <sub>1</sub>	≈ 168.45 mm
F	121.5 mm
r <sub>1,2</sub>	min. 3 mm
r <sub>3,4</sub>	min. 3 mm
S	max. 2.9 mm

## ABUTMENT DIMENSIONS

d <sub>a</sub>	min. 110 mm
d <sub>a</sub>	max. 118 mm
d <sub>b</sub>	min. 135 mm
D <sub>a</sub>	max. 185 mm
r <sub>a</sub>	max. 2.5 mm





# d,

#### CALCULATION DATA

Basic dynamic load rating	С	390 kN
Basic static load rating	C <sub>0</sub>	390 kN
Fatigue load limit	P <sub>u</sub>	46.5 kN
Reference speed		3600 r/min
Limiting speed		4300 r/min
Calculation factor	k <sub>r</sub>	0.15
Limiting value	е	0.2
Axial load factor	Υ	0.6

#### MASS

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### ASSOCIATED PRODUCTS

Angle ring	HJ 319 EC
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## More information

Product details	Product details	Engineering in	n forn Eanlaigianneering ir	nformTætøken	Tools	
Designs and variants	Designs and variants	Principles of rolling	Principles of rolling	SimPro Quick	SimPro Quick	
Bearing data	Bearing data	bearing bear -selection -select General Gen bearing k bear nowledge nowl	bearing -selection General	bearing -selection General	Bearing Select Engineer	Bearing Select Engineer
Loads	Loads Tempera		bearing k nowledge	ing Calcul ator	ing Calcul ator	
ture	ture	Bearing selection process	Bearing selection process	LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed	failure	Bearing failure	5	Heater selection	Heater selection	
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system	and how to prevent it	and how to prevent it	tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	
				<u>nstruc</u> tio ns	<u>nstruc</u> tio	



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