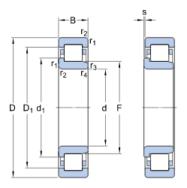


## Technical specification



# NJ 219 ECJ

Popular item SKF Explorer Cylindrical roller bearings, single row

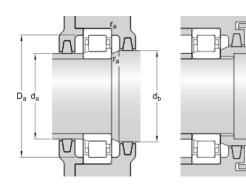
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

### DIMENSIONS

d	95 mm
D	170 mm
В	32 mm
d <sub>1</sub>	≈ 120 mm
D <sub>1</sub>	≈ 147.35 mm
F	112.5 mm
r <sub>1,2</sub>	min. 2.1 mm
r <sub>3,4</sub>	min. 2.1 mm
S	max. 1.7 mm



d <sub>a</sub>	min. 107 mm
d <sub>a</sub>	max. 110 mm
d <sub>b</sub>	min. 123 mm
D <sub>a</sub>	max. 157.8 mm
r <sub>a</sub>	max. 2 mm



d

### CALCULATION DATA

Basic dynamic load rating	С	255 kN
Basic static load rating	CO	265 kN
Fatigue load limit	Pu	32.5 kN
Reference speed		4300 r/min
Limiting speed		4800 r/min
Calculation factor	k <sub>r</sub>	0.15
Limiting value	е	0.2
Axial load factor	Y	0.6

#### MASS

Mass bearing	2.86 kg
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## ASSOCIATED PRODUCTS

Angle ring	HJ 219 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 bearing -selection -selection General General bearing k bearing k nowledge nowledge	earing bearing Bearing election -selection Select General General	Bearing Select Engineer	
Loads	Loads Tempera			ing Calcul ator	ing Calcul ator
ture	ture Bearing limits selection Permissi Bearing ble speed failure	selection	Bearing selection process	LubeSele ct for SKF greases	LubeSele ct for SKF greases
Permissi ble speed		Bearing failure	Bearing failure	Heater selection	Heater selection
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system	and how and how to to prevent it 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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