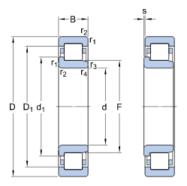


## Technical specification



# NJ 2218 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

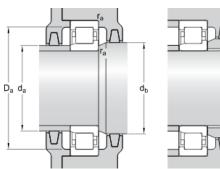
Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

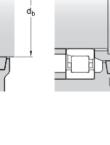
### DIMENSIONS

d	90 mm
D	160 mm
В	40 mm
d <sub>1</sub>	≈ 114 mm
D <sub>1</sub>	≈ 138.52 mm
F	107 mm
r <sub>1,2</sub>	min. 2 mm
r <sub>3,4</sub>	min. 2 mm
S	max. 2.6 mm



d <sub>a</sub>	min. 101 mm
d <sub>a</sub>	max. 104 mm
d <sub>b</sub>	min. 117 mm
D <sub>a</sub>	max. 149 mm
r <sub>a</sub>	max. 2 mm





d,

## **SKF**

## CALCULATION DATA

Basic dynamic load rating	С	280 kN
Basic static load rating	C <sub>0</sub>	315 kN
Fatigue load limit	Pu	39 kN
Reference speed		4500 r/min
Limiting speed		5000 r/min
Calculation factor	k <sub>r</sub>	0.2
Limiting value	e	0.3
Axial load factor	Y	0.4

### MASS

Mass bearing	3.23 kg
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## ASSOCIATED PRODUCTS

Angle ring	HJ 2218 EC
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## More information

Product details	Product details	Engineering in	n forn Eanlaigionneering ir	nformTætøken	Tools
Designs and variants	Designs and variants	Principles of rolling	Principles of rolling	SimPro Quick	SimPro Quick
Bearing data	Bearing data	bearingbearingBearingbearingselectionSelectGeneralGeneralImage: Selectbearing kbearing kEngineernowledgenowledgeing CalculBearingBearingLubeSeleselectionselectionct for SKF	bearing -selection General	bearing Bearing -selection Select General Engineer nowledge ing Calcul	Bearing Select Engineer
Loads	Loads Tempera				ing Calcul ator
ture	ture			LubeSele ct for SKF greases	
Permissi ble speed	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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