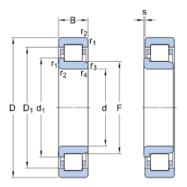


## Technical specification



# NJ 2316 ECP

Popular item SKF Explorer Cylindrical roller bearings, single row

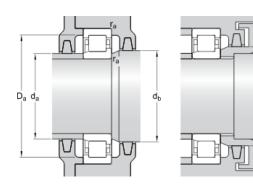
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

### DIMENSIONS

d	80 mm
D	170 mm
В	58 mm
d <sub>1</sub>	≈ 110 mm
D <sub>1</sub>	≈ 142.8 mm
F	101 mm
r <sub>1,2</sub>	min. 2.1 mm
r <sub>3,4</sub>	min. 2.1 mm
S	max. 5.1 mm



d <sub>a</sub>	min. 92 mm
d <sub>a</sub>	max. 98 mm
d <sub>b</sub>	min. 113 mm
D <sub>a</sub>	max. 157.8 mm
r <sub>a</sub>	max. 2 mm



d



### CALCULATION DATA

Basic dynamic load rating	С	415 kN
Basic static load rating	C <sub>0</sub>	440 kN
Fatigue load limit	P <sub>u</sub>	55 kN
Reference speed		4300 r/min
Limiting speed		5000 r/min
Calculation factor	k <sub>r</sub>	0.25
Limiting value	e	0.3
Axial load factor	Y	0.4

### MASS

Mass bearing	5.97 kg
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## ASSOCIATED PRODUCTS

Angle ring	HJ 2316 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	bearing bearing -selection -selection General General bearing k bearing k nowledge nowledge	bearing bearing Bearing selection -selection General General	Bearing Select Engineer	
Loads	Loads Tempera			Engineer ing Calcul ator	ing Calcul ator
ture	ture Bearin limits selection Permissi Bearin ble speed Failure	Bearing selection process	selection selection	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 to prevent it	to to	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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