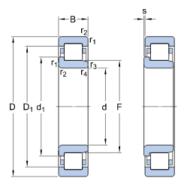


## Technical specification



# NJ 215 ECP

Popular item SKF Explorer Cylindrical roller bearings, single row

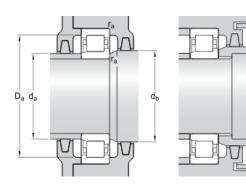
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

### DIMENSIONS

d	75 mm
D	130 mm
В	25 mm
d <sub>1</sub>	≈ 94.3 mm
D <sub>1</sub>	≈ 113.3 mm
F	88.5 mm
r <sub>1,2</sub>	min. 1.5 mm
r <sub>3,4</sub>	min. 1.5 mm
S	max. 1.2 mm



d <sub>a</sub>	min. 84 mm
d <sub>a</sub>	max. 86 mm
d <sub>b</sub>	min. 97 mm
D <sub>a</sub>	max. 121.5 mm
r <sub>a</sub>	max. 1.5 mm



d



## CALCULATION DATA

Basic dynamic load rating	С	150 kN
Basic static load rating	C <sub>0</sub>	156 kN
Fatigue load limit	Pu	20.4 kN
Reference speed		5600 r/min
Limiting speed		6000 r/min
Calculation factor	k <sub>r</sub>	0.15
Limiting value	е	0.2
Axial load factor	Y	0.6

### MASS

Mass bearing 1.2
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## ASSOCIATED PRODUCTS

Angle ring	HJ 215 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 now Bearing Bea selection select process proc Bearing Bea failure failur and how and to to	bearing selection General bearing k nowledge Bearing selection	bearing -selection General	bearing -selection General	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			selection	selection	selection selection	LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed	Permissi ble speed		Bearing failure	Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	Heater selection				
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system		to to		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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