

# **NU 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,

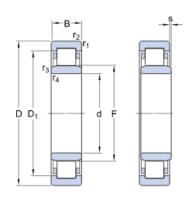
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

# Technical specification

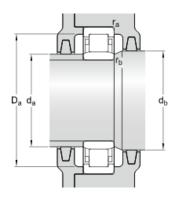


### **DIMENSIONS**

d	95 mm
D	200 mm
В	45 mm
$D_1$	≈ 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
$d_a$	max. 118 mm
$d_b$	min. 125 mm
$D_a$	max. 185 mm
r <sub>a</sub>	max. 2.5 mm
r <sub>b</sub>	max. 2.5 mm





## CALCULATION DATA

Basic dynamic load rating	С	390 kN
Basic static load rating	$C_0$	390 kN
Fatigue load limit	$P_{u}$	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

Mass bearing	6.18 kg
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## ASSOCIATED PRODUCTS

Angle ring	HJ 319 EC
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## More information

Product details	Product details	Engineering in	rornmangomeering ir		10015
Designs and variants Bearing data Loads Tempera	Product details  Designs and variants  Bearing data  Loads  Tempera	Principles of rolling bearing selection General bearing k nowledge Bearing	Frinciples of rolling bearing -selection General bearing k nowledge	SimPro Quick Bearing Select Engineer ing Calcul ator LubeSele	SimPro Quick Bearing Select Engineer ing Calcul ator LubeSele
ture limits  Permissi ble speed  Design c onsiderati ons  Designati on system	ture limits  Permissi ble speed  Design c onsiderati ons  Designati on system	selection process  Bearing failure and how to prevent it	selection process  Bearing failure and how to prevent it	ct for SKF greases  Heater selection tool  Oil Injection Method Program Rolling bearings mounting and dism ounting i nstructio ns	ct for SKF greases  Heater selection tool  Oil Injection Method Program Rolling bearings mounting and dism ounting i nstructio ns

5KF.



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