

NU 311 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,

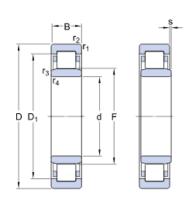
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

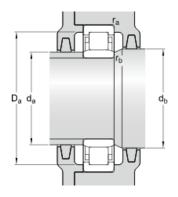


DIMENSIONS

d	55 mm
D	120 mm
В	29 mm
D_1	≈ 100.3 mm
F	70.5 mm
r _{1,2}	min. 2 mm
r _{3,4}	min. 2 mm
S	max. 2 mm

ABUTMENT DIMENSIONS







CALCULATION DATA

Basic dynamic load rating	С	156 kN
Basic static load rating	C_0	143 kN
Fatigue load limit	P_{u}	18.6 kN
Reference speed		6000 r/min
Limiting speed		7000 r/min
Calculation factor	k _r	0.15
Limiting value	е	0.2
Axial load factor	Υ	0.6

MASS

Mass bearing	1.44 kg
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ASSOCIATED PRODUCTS

Angle ring	HJ 311 EC
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More information

Product details	Product details	Engineering in	rornmangomeering ir		Iools
Designs and variants Bearing data Loads Tempera ture	Designs and variants Bearing data Loads Tempera ture	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
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system	selection process Bearing failure and how to prevent it	selection selection process Bearing Bearing failure and how to to	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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