

NU 320 ECML

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,

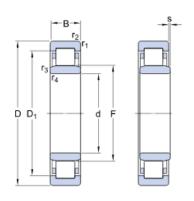
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

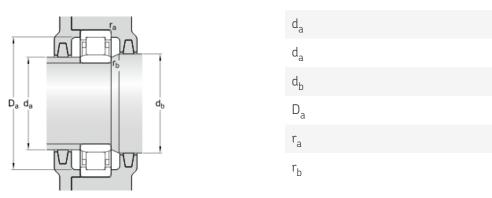
Technical specification



DIMENSIONS

d	100 mm
D	215 mm
В	47 mm
D_1	≈ 181.95 mm
F	127.5 mm
r _{1,2}	min. 3 mm
r _{3,4}	min. 3 mm
S	max. 2.9 mm

ABUTMENT DIMENSIONS





min. 114 mm

max. 124 mm

min. 131 mm

max. 2.5 mm

max. 2.5 mm

max. 199.6 mm



CALCULATION DATA

Basic dynamic load rating	С	450 kN
Basic static load rating	C_0	440 kN
Fatigue load limit	P_{u}	51 kN
Reference speed		3200 r/min
Limiting speed		6000 r/min
Calculation factor	k _r	0.23
Limiting value	е	0.2
Axial load factor	Υ	0.6

MASS

Mass bearing	8.54 kg
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ASSOCIATED PRODUCTS

Angle ring	HJ 320 EC
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5KF.



More information

Product details	Product details	Engineering in	rornmangomeering ir		lools	
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 process Bearing Bearing failure and how to to	process Bearing failure and how	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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