

NU 220 ECJ

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,

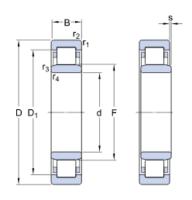
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

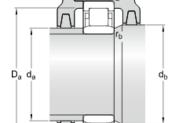
Tolerances and resultant fit

Technical specification



DIMENSIONS

d	100 mm
D	180 mm
В	34 mm
D_1	≈ 155.55 mm
F	119 mm
r _{1,2}	min. 2.1 mm
r _{3,4}	min. 2.1 mm
S	max. 1.7 mm



ABUTMENT DIMENSIONS

d_a	min. 113 mm
d _a	max. 116 mm
d_b	min. 122 mm
D_a	max. 167.5 mm
r _a	max. 2 mm
r_b	max. 2 mm



CALCULATION DATA

Basic dynamic load rating	С	285 kN
Basic static load rating	C_0	305 kN
Fatigue load limit	P_{u}	36.5 kN
Reference speed		4000 r/min
Limiting speed		4500 r/min
Calculation factor	k _r	0.15
Limiting value	е	0.2
Axial load factor	Υ	0.6

MASS

Mass bearing	3.48 kg
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ASSOCIATED PRODUCTS

Angle ring	HJ 220 EC
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More information

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