

NJ 221 ECJ

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,

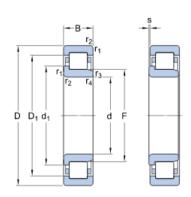
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

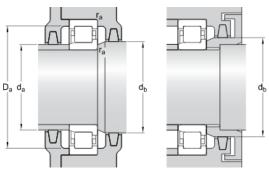


DIMENSIONS

d	105 mm
D	190 mm
В	36 mm
d_1	≈ 134 mm
D_1	≈ 164.2 mm
F	125 mm
r _{1,2}	min. 2.1 mm
r _{3,4}	min. 2.1 mm
S	max. 2 mm

ABUTMENT DIMENSIONS







CALCULATION DATA

Basic dynamic load rating	С	300 kN
Basic static load rating	C_0	315 kN
Fatigue load limit	$P_{\rm u}$	36.5 kN
Reference speed		3800 r/min
Limiting speed		4300 r/min
Calculation factor	k _r	0.15
Limiting value	е	0.2
Axial load factor	Υ	0.6

MASS

N	Mass bearing	4 kg
	1435 2541119	9

ASSOCIATED PRODUCTS

Angle ring	HJ 221 EC
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More information

Product details	Product details	Engineering in	rornmangomeering ir		10015
Designs and variants Bearing data Loads Tempera ture	Product details 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	Bearing selection process Bearing failure and how to prevent it	Bearing 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 instructions

5KF.



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