



NJ 1984 ECMA

Cylindrical roller bearings, single row

Bearing data

Tolerances,

Normal (metric), P6, Normal (inch),

Radial internal clearance,

cylindrical bore, tapered bore,

Axial internal clearance,

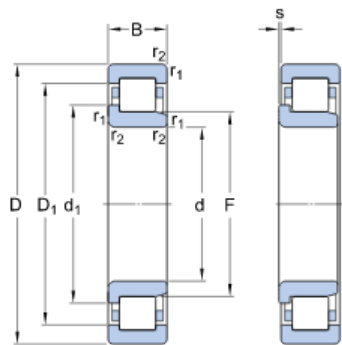
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

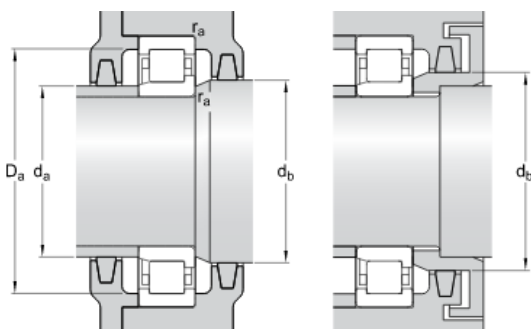


DIMENSIONS

d	420 mm
D	560 mm
B	65 mm
d ₁	≈ 461 mm
D ₁	≈ 513 mm
F	449 mm
r _{1,2}	min. 4 mm
s	max. 6.9 mm

ABUTMENT DIMENSIONS

d _a	min. 435 mm
d _a	max. 442 mm
d _b	min. 466 mm
D _a	max. 545 mm
r _a	max. 3 mm



CALCULATION DATA

Basic dynamic load rating	C	968 kN
Basic static load rating	C_0	1800 kN
Fatigue load limit	P_u	156 kN
Reference speed		1100 r/min
Limiting speed		1500 r/min
Calculation factor	k_f	0.07
Limiting value	e	0.2
Axial load factor	Y	0.6

MASS

Mass bearing		48 kg
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More information

Product details	Product details	Engineering information	Engineering information	Tools	Tools
Designs and variants	Designs and variants	Principles of rolling bearing selection	Principles of rolling bearing selection	SimPro Quick	SimPro Quick
Bearing data	Bearing data	General bearing knowledge	General bearing knowledge	Bearing Select	Bearing Select
Loads	Loads			Engineering Calculator	Engineering Calculator
Temperature limits	Temperature limits	Bearing selection process	Bearing selection process	LubeSelect for SKF greases	LubeSelect for SKF greases
Permissible speed	Permissible speed	Bearing failure and how to prevent it	Bearing failure and how to prevent it	Heater selection tool	Heater selection tool
Design considerations	Design considerations			Oil Injection Method Program	Oil Injection Method Program
Designation system	Designation system			Rolling bearings mounting and dismounting instructions	Rolling bearings mounting and dismounting instructions

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