

NU 2207 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,

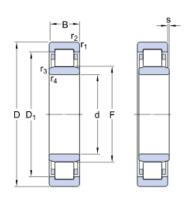
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

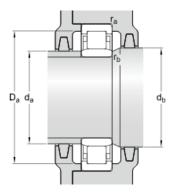
Technical specification



DIMENSIONS

d	35 mm
D	72 mm
В	23 mm
D_1	≈ 60.2 mm
F	44 mm
r _{1,2}	min. 1.1 mm
r _{3,4}	min. 0.6 mm
S	max. 2.8 mm

ABUTMENT DIMENSIONS



l _a min. 39.8 mm	d _a
max. 42.2 mm	d_a
M _b min. 46 mm	d _b
max. 65.1 mm	D_{a}
max. 1 mm	ra
max. 0.6 mm	r_b



CALCULATION DATA

Basic dynamic load rating	С	69.5 kN
Basic static load rating	C_0	63 kN
Fatigue load limit	P_{u}	8.15 kN
Reference speed		11000 r/min
Limiting speed		12000 r/min
Calculation factor	k _r	0.2
Limiting value	е	0.3
Axial load factor	Υ	0.4

MASS

Mass bearing	0.4 kg
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More information

Engineering information	Tools
Principles of rolling bearing selection	SimPro Quick
General bearing knowledge	Bearing Select
Bearing selection process	Engineering Calculator
Bearing failure and how to prevent it	LubeSelect for SKF greases
	Heater selection tool
	Oil Injection Method Program
	Rolling bearings mounting and dismounting
	instructions
	Principles of rolling bearing selection General bearing knowledge Bearing selection process Bearing failure and how to



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