

NUP 2306 ECP Cylindrical roller bearings, single row

Popular item
SKF Explorer

Cylindrical roller bearings, single row

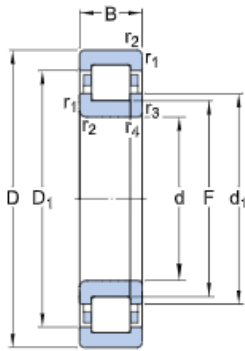
Bearing data

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

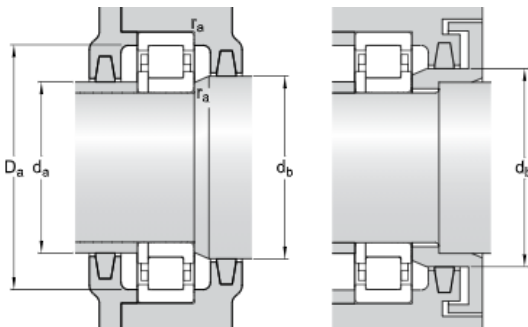


DIMENSIONS

d	30 mm
D	72 mm
B	27 mm
d ₁	≈ 45 mm
D ₁	≈ 58.48 mm
F	40.5 mm
r _{1,2}	min. 1.1 mm
r _{3,4}	min. 1.1 mm

ABUTMENT DIMENSIONS

d _a	min. 37 mm
d _b	min. 47 mm
D _a	max. 65.1 mm
r _a	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	C	83 kN
Basic static load rating	C_0	75 kN
Fatigue load limit	P_u	9.65 kN
Reference speed		11 000 r/min
Limiting speed		12 000 r/min
Calculation factor	k_T	0.25
Limiting value	e	0.3
Axial load factor	Y	0.4

MASS

Mass bearing	0.54 kg
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More information

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

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