

NJ 205 ECPH

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,

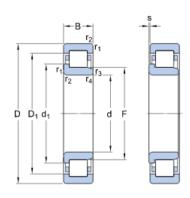
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

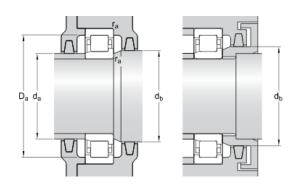


DIMENSIONS

d	25 mm
D	52 mm
В	15 mm
d_1	≈ 34.7 mm
D_1	≈ 43.3 mm
F	31.5 mm
r _{1,2}	min. 1 mm
r _{3,4}	min. 0.6 mm
S	max. 1.3 mm

ABUTMENT DIMENSIONS

d_a	min. 29.9 mm
d_a	max. 30.4 mm
d_b	min. 36 mm
D_a	max. 46.4 mm
r _a	max. 1 mm





CALCULATION DATA

Basic dynamic load rating	С	32.5 kN
Basic static load rating	C_0	27 kN
Fatigue load limit	P_{u}	3.35 kN
Reference speed		15000 r/min
Limiting speed		16000 r/min
Calculation factor	k_r	0.15
Limiting value	е	0.2
Axial load factor	Υ	0.6

MASS

Mass bearing	0.14 kg
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More information

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