

NJ 234 ECML

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,

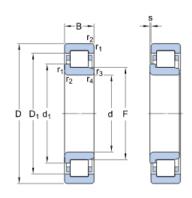
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

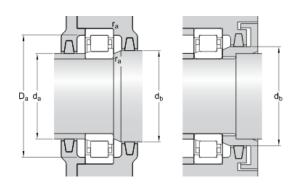


DIMENSIONS

d	170 mm
D	310 mm
В	52 mm
d_1	≈ 220 mm
D_1	≈ 268.5 mm
F	207 mm
r _{1,2}	min. 4 mm
r _{3,4}	min. 4 mm
S	max. 2.9 mm

ABUTMENT DIMENSIONS

d _a	min. 188 mm
d_a	max. 203 mm
d _b	min. 224 mm
D_a	max. 292.4 mm
r _a	max. 3 mm





CALCULATION DATA

Basic dynamic load rating	С	695 kN
Basic static load rating	C_0	815 kN
Fatigue load limit	P_{u}	85 kN
Reference speed		2200 r/min
Limiting speed		3800 r/min
Calculation factor	k _r	0.23
Limiting value	е	0.2
Axial load factor	Υ	0.6

MASS

Mass bearing	17.6 kg
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ASSOCIATED PRODUCTS

Angle ring	HJ 234 EC
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More information

Product details	Product details	Engineering in	rornmangomeering ir		lools	
Designs and variants Bearing data Loads Tempera	Product details Designs and variants Bearing data Loads Tempera	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	
ture limits Permissi ble speed Design c onsiderati ons Designati on system	ture limits Permissi ble speed Design c onsiderati ons Designati on system	Bearing selection process Bearing failure and how to prevent it	selection selection process pro Bearing Be failure failure and how to to	selection process Bearing failure and how	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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