



NU 2317 ECJ 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,](#)

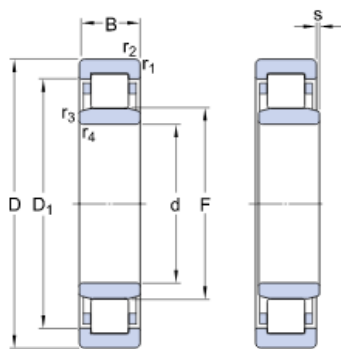
NUP, NJ + HJ

Bearing interfaces

[Seat tolerances for standard conditions,](#)

[Tolerances and resultant fit](#)

Technical specification

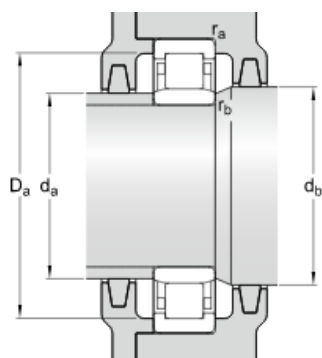


DIMENSIONS

d	85 mm	Bore diameter
D	180 mm	Outside diameter
B	60 mm	Width
D1	≈ 151.45 mm	Shoulder diameter of outer ring
F	108 mm	Chamfer dimension of loose flange ring
r1,2	min. 3 mm	Chamfer dimension
r3,4	min. 3 mm	Chamfer dimension
s	max. 5.8 mm	Permissible axial displacement

ABUTMENT DIMENSIONS

da	min. 99 mm	Diameter of spacer sleeve
da	max. 105 mm	Diameter of spacer sleeve
db	min. 111 mm	Diameter of shaft abutment
	max. 165.5	Diameter of



D_a	mm	housing abutment
r_a	max. 2.5 mm	Radius of fillet
r_b	max. 2.5 mm	Radius of fillet

CALCULATION DATA

C	455 kN	Basic dynamic load rating
C_0	490 kN	Basic static load rating
P_u	60 kN	Fatigue load limit
	4 000 r/min	Reference speed
	4 800 r/min	Limiting speed
k_r	0.25	Minimum load factor
e	0.3	Limiting value
Y	0.4	Axial load factor

MASS

6.82 kg	Mass
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ASSOCIATED PRODUCTS

HJ 2317 EC	Angle ring
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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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