



NU 2315 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

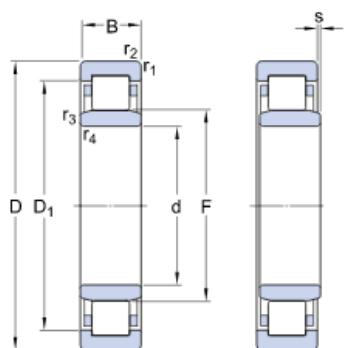
Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

Technical specification

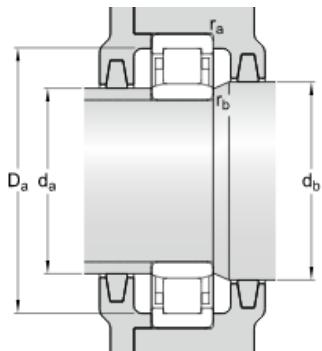
DIMENSIONS



d	75 mm	Bore diameter
D	160 mm	Outside diameter
B	55 mm	Width
D1	≈ 134.95 mm	Shoulder diameter of outer ring
F	95 mm	Chamfer dimension of loose flange ring
r _{1,2}	min. 2.1 mm	Chamfer dimension
r _{3,4}	min. 2.1 mm	Chamfer dimension
s	max. 4.8 mm	Permissible axial displacement

ABUTMENT DIMENSIONS

da	min. 87 mm	Diameter of spacer sleeve
da	max. 92 mm	Diameter of spacer sleeve
db	min. 97 mm	Diameter of shaft abutment
	max. 148	Diameter of



Da	mm	housing abutment
ra	max. 2 mm	Radius of fillet
rb	max. 2 mm	Radius of fillet

CALCULATION DATA

C	380 kN	Basic dynamic load rating
C ₀	400 kN	Basic static load rating
P _u	50 kN	Fatigue load limit
	4 500 r/min	Reference speed
	5 300 r/min	Limiting speed
k _r	0.25	Minimum load factor
e	0.3	Limiting value
Y	0.4	Axial load factor

MASS

4.95 kg	Mass
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ASSOCIATED PRODUCTS

HJ 2315 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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