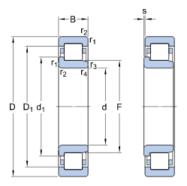


Technical specification



NJ 212 ECP

Popular item SKF Explorer Cylindrical roller bearings, single row

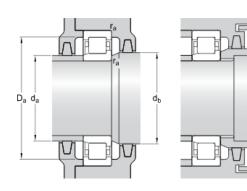
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

DIMENSIONS

d	60 mm
D	110 mm
В	22 mm
d ₁	≈ 77.5 mm
D ₁	≈ 95.1 mm
F	72 mm
r _{1,2}	min. 1.5 mm
r _{3,4}	min. 1.5 mm
S	max. 1.4 mm

ABUTMENT DIMENSIONS

d _a	min. 68 mm
d _a	max. 70 mm
d _b	min. 80 mm
D _a	max. 101 mm
r _a	max. 1.5 mm



d,



CALCULATION DATA

Basic dynamic load rating	С	108 kN
Basic static load rating	C ₀	102 kN
Fatigue load limit	Pu	13.4 kN
Reference speed		6700 r/min
Limiting speed		7500 r/min
Calculation factor	k _r	0.15
Limiting value	е	0.2
Axial load factor	Y	0.6

MASS

Mass bearing 0.82

ASSOCIATED PRODUCTS

Angle ring	HJ 212 EC
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More information

Product details	Product details	Engineering in	n forn Eanlaigianneering ir	nformTætøken	Tools
Designs and variants	Designs and variants	Principles of rolling	Principles of rolling	SimPro Quick	SimPro Quick
Bearing data	Bearing data	bearing bear selection -select General Gen bearing k bear nowledge nowl Bearing Bear selection select process proce Bearing Bear failure failur	bearing -selection General	Bearing Select	Bearing Select Engineer
Loads	Loads Tempera		bearing k nowledge	Engineer ing Calcul ator	ing Calcul ator
ture	ture Bear limits select Permissi Bear ble speed failur and b Design c to		selection selection process process Bearing Bearing failure failure and how and how to to	LubeSele ct for SKF greases	LubeSele ct for SKF greases
Permissi ble speed				Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	Heater selection
Design c onsiderati ons Designati on system					tool Oil Injection Method Program Rolling bearings mounting and dism ounting i
				<u>nstruc</u> tio ns	<u>nstruc</u> tio



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