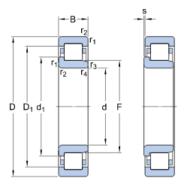


Technical specification



NJ 215 ECJ

Popular item SKF Explorer Cylindrical roller bearings, single row

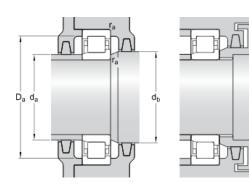
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

DIMENSIONS

d	75 mm
D	130 mm
В	25 mm
d ₁	≈ 94.3 mm
D ₁	≈ 113.3 mm
F	88.5 mm
r _{1,2}	min. 1.5 mm
r _{3,4}	min. 1.5 mm
S	max. 1.2 mm



d _a	min. 84 mm
d _a	max. 86 mm
d _b	min. 97 mm
D _a	max. 121.5 mm
r _a	max. 1.5 mm



d

CALCULATION DATA

Basic dynamic load rating	С	150 kN
Basic static load rating	C ₀	156 kN
Fatigue load limit	Pu	20.4 kN
Reference speed		5600 r/min
Limiting speed		6000 r/min
Calculation factor	k _r	0.15
Limiting value	е	0.2
Axial load factor	Y	0.6

MASS

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ASSOCIATED PRODUCTS

Angle ring	HJ 215 EC
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More information

Product details	Product details	Engineering in	n forn Eanlaigionneering ir	nformTætøken	Tools		
Designs and variants	Designs and variants	Principles of rolling	Principles of rolling	SimPro Quick	SimPro Quick		
Bearing data	Bearing data	bearing selection General bearing k nowledge Bearing selection process Bearing failure and how to prevent it	bearing bear selection select General Ger bearing k bear nowledge now Bearing Bear selection select	bearing bea -selection -sele	bearing -selection General	Bearing Select Engineer	Bearing Select Engineer
Loads	Loads Tempera			bearing k nowledge	ing Calcul ator	ing Calcul ator	
ture	ture			Bearing selection process	LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed	Permissi ble speed		Bearing Bearing ailure failure nd how and how o to	Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	Heater selection		
Design c onsiderati ons Designati on system	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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