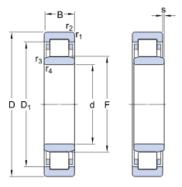
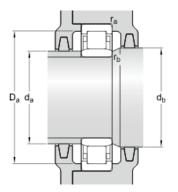
SKF.



Technical specification





NU 2214 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	70 mm
D	125 mm
В	31 mm
D_1	≈ 108.2 mm
F	83.5 mm
r _{1,2}	min. 1.5 mm
r _{3,4}	min. 1.5 mm
S	max. 1.7 mm

ABUTMENT DIMENSIONS

d _a	min. 79 mm
d _a	max. 81 mm
d _b	min. 86 mm
D _a	max. 115.4 mm
r _a	max. 1.5 mm
r _b	max. 1.5 mm



CALCULATION DATA

Basic dynamic load rating	С	180 kN
Basic static load rating	C ₀	193 kN
Fatigue load limit	Pu	25.5 kN
Reference speed		6000 r/min
Limiting speed		6300 r/min
Calculation factor	k _r	0.2
Limiting value	e	0.3
Axial load factor	Y	0.4

MASS

Mass bearing 1.5

ASSOCIATED PRODUCTS

Angle ring	HJ 2214 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	aringbearingbearingaselectionselectionabearing kbearing kadsbearing kbearing kadsbearing knowledgemperaBearingBearingselectionselectionselectiontsselectionselectionmissiBearingBearingspeedfailurefailurefailureand howand howsign ctotoideratiprevent itprevent it	bearing bearing Bearing selection selection General General	Bearing Select Engineer	
Loads	Loads Tempera			Engineer ing Calcul ator	ing Calcul ator
ture	ture E limits Se Permissi E ble speed E Gan Design c to		selection process Bearing failure and how to	LubeSele ct for SKF greases	LubeSele ct for SKF greases
Permissi ble speed				Heater selection	Heater selection
Design c onsiderati ons Designati on system				tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	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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