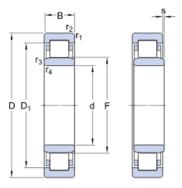
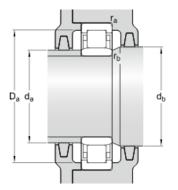
SKF.



Technical specification





NU 219 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	95 mm
D	170 mm
В	32 mm
D ₁	≈ 147.35 mm
F	112.5 mm
r _{1,2}	min. 2.1 mm
r _{3,4}	min. 2.1 mm
S	max. 1.7 mm

ABUTMENT DIMENSIONS

d _a	min. 107 mm
d _a	max. 110 mm
d _b	min. 115 mm
D _a	max. 157.8 mm
r _a	max. 2 mm
r _b	max. 2 mm



CALCULATION DATA

Basic dynamic load rating	С	255 kN
Basic static load rating	C ₀	265 kN
Fatigue load limit	P _u	32.5 kN
Reference speed		4300 r/min
Limiting speed		4800 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 219 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 selection General bearing k nowledge Bearing selection process Bearing failure	bearing selection General bearing k nowledge Bearing selection	ring bearing ction –selection	Bearing Select Engineer	Bearing Select Engineer
Loads	Loads Tempera				ing Calcul ator	ing Calcul ator
ture	ture			selection selection	LubeSele ct for SKF greases	LubeSele ct for SKF greases
Permissi ble speed	Permissi ble speed		Bearing Bearing	Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system	to				
				<u>nstruc</u> tio ns	<u>nstruc</u> tio	



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