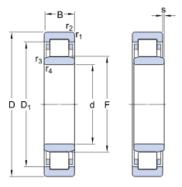
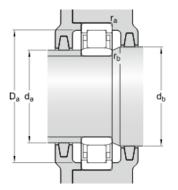
SKF.



Technical specification





NU 2220 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	100 mm
D	180 mm
В	46 mm
D ₁	≈ 155.6 mm
F	119 mm
r _{1,2}	min. 2.1 mm
r _{3,4}	min. 2.1 mm
S	max. 2.5 mm

ABUTMENT DIMENSIONS

d _a	min. 113 mm
d _a	max. 116 mm
d _b	min. 122 mm
D _a	max. 167.5 mm
r _a	max. 2 mm
r _b	max. 2 mm



CALCULATION DATA

Basic dynamic load rating	С	380 kN
Basic static load rating	C _O	450 kN
Fatigue load limit	Pu	54 kN
Reference speed		4000 r/min
Limiting speed		4500 r/min
Calculation factor	k _r	0.2
Limiting value	е	0.3
Axial load factor	Y	0.4

MASS

Mass bearing	4.81 kg
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ASSOCIATED PRODUCTS

Angle ring H	HJ 2220 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	bearing -selection General bearing k	bearing selection General bearing k nowledge	Bearing Select	Bearing Select Engineer
Loads	Loads Tempera				Engineer ing Calcul ator	ing Calcul ator
ture	ture		on selection ss process ng Bearing e failure	LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed	Permissi ble speed			Heater selection	Heater selection	
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system	and how to prevent it	and how to prevent it	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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