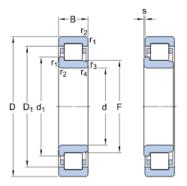


Technical specification



NJ 222 ECM

Popular item SKF Explorer Cylindrical roller bearings, single row

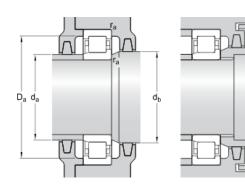
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

DIMENSIONS

d	110 mm
D	200 mm
В	38 mm
d ₁	≈ 141 mm
D ₁	≈ 172.5 mm
F	132.5 mm
r _{1,2}	min. 2.1 mm
r _{3,4}	min. 2.1 mm
S	max. 2.1 mm

ABUTMENT DIMENSIONS

d _a	min. 122 mm
d _a	max. 129 mm
d _b	min. 144 mm
D _a	max. 187 mm
r _a	max. 2 mm



d

CALCULATION DATA

Basic dynamic load rating	С	335 kN
Basic static load rating	C ₀	365 kN
Fatigue load limit	Pu	42.5 kN
Reference speed		3600 r/min
Limiting speed		4000 r/min
Calculation factor	k _r	0.15
Limiting value	e	0.2
Axial load factor	Υ	0.6

MASS

Mass bearing 5.75 kg

ASSOCIATED PRODUCTS

Angle ring	HJ 222 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	bearingbearing-selection-selectionGeneralGeneralbearing kbearing knowledgenowledge	-selection -selection Select General General -select	Bearing Select Engineer	
Loads	Loads Tempera		ing Calcul ator	ing Calcul ator	
ture	ture Bearin limits selectio Permissi Bearin ble speed failure	Bearing selection process	5	LubeSele ct for SKF greases	LubeSele ct for SKF greases
Permissi ble speed		Bearing failure	Bearing failure	Heater selection	Heater selection
Design c onsiderati ons Designati on system	Design c onsiderati ons Designati on system	and how to prevent it	o to	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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