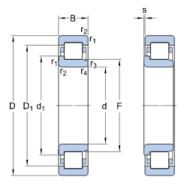


Technical specification



NJ 2224 ECML

Cylindrical roller bearings, single row

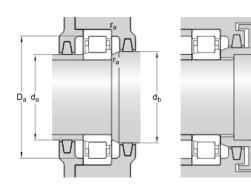
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

DIMENSIONS

d	120 mm
D	215 mm
В	58 mm
d ₁	≈ 153 mm
D ₁	≈ 187.75 mm
F	143.5 mm
r _{1,2}	min. 2.1 mm
r _{3,4}	min. 2.1 mm
S	max. 3.8 mm

ABUTMENT DIMENSIONS

d _a	min. 132 mm
d _a	max. 140 mm
d _b	min. 156 mm
D _a	max. 201.6 mm
r _a	max. 2 mm



d



CALCULATION DATA

Basic dynamic load rating	С	520 kN
Basic static load rating	CO	630 kN
Fatigue load limit	Pu	72 kN
Reference speed		3400 r/min
Limiting speed		5600 r/min
Calculation factor	k _r	0.3
Limiting value	е	0.3
Axial load factor	Y	0.4

MASS

Mass bearing	9.3 kg
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ASSOCIATED PRODUCTS

Angle ring	HJ 2224 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 but selection -se General C bearing k but nowledge nu Bearing E selection se	earing bearing election -selection	Bearing Select Engineer ing Calcul ator	Bearing Select Engineer
Loads	Loads Tempera		bearing k nowledge		ing Calcul ator
ture	ture		selection selection	LubeSele ct for SKF greases	LubeSele ct for SKF greases
Permissi ble speed	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	to to	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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