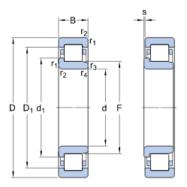


Technical specification



NJ 2215 ECML

Cylindrical roller bearings, single row

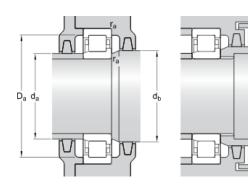
Bearing data Tolerances, Normal (metric), P6, Normal (inch), Radial internal clearance, cylindrical bore, tapered bore, Axial internal clearance, NUP, NJ + HJ Bearing interfaces Seat tolerances for standard conditions, Tolerances and resultant fit

DIMENSIONS

d	75 mm
D	130 mm
В	31 mm
d ₁	≈ 94.3 mm
D_1	≈ 113.9 mm
F	88.5 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. 84 mm
d _a	max. 86 mm
d _b	min. 97 mm
D _a	max. 121.5 mm
r _a	max. 1.5 mm



d



CALCULATION DATA

Basic dynamic load rating	С	186 kN
Basic static load rating	C ₀	208 kN
Fatigue load limit	P _u	27 kN
Reference speed		5600 r/min
Limiting speed		9500 r/min
Calculation factor	k _r	0.3
Limiting value	е	0.3
Axial load factor	Y	0.4

MASS

Mass bearing	1.77 kg
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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 and how to prevent it	bearing -selection General bearing k nowledge Bearing selection	bearingbearingselection-selectionGeneralGeneralbearing kbearing knowledgenowledgeBearingBearingselectionselection	bearing bearing -selection -selection General General	bearing -selection General	Bearing Select	Bearing Select Engineer
Loads	Loads Tempera				Engineer ing Calcul ator	ing Calcul ator		
ture	ture					LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed	Permissi ble speed		Bearing failure and how to	Heater selection	Heater selection			
Design c onsiderati ons Designati on system	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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