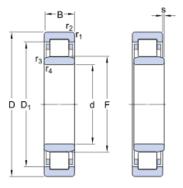
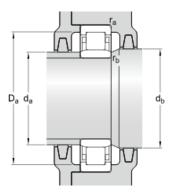


Technical specification





NU 210 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	50 mm
D	90 mm
В	20 mm
D_1	≈ 77.95 mm
F	59.5 mm
r _{1,2}	min. 1.1 mm
r _{3,4}	min. 1.1 mm
S	max. 1.5 mm

ABUTMENT DIMENSIONS

d _a	min. 57 mm
d _a	max. 57.5 mm
d _b	min. 61 mm
D _a	max. 82.4 mm
r _a	max. 1 mm
r _b	max. 1 mm



CALCULATION DATA

Basic dynamic load rating	С	73.5 kN
Basic static load rating	C _O	69.5 kN
Fatigue load limit	P _u	8.8 kN
Reference speed		8500 r/min
Limiting speed		14000 r/min
Calculation factor	k _r	0.23
Limiting value	е	0.2
Axial load factor	Y	0.6

MASS

Mass bearing	0.55 kg

ASSOCIATED PRODUCTS

Angle ring	HJ 210 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 bearing -selection -selection General General bearing k bearing k	bearing bearing -selection -selection	Bearing Select	Bearing Select Engineer
Loads	Loads Tempera				Engineer ing Calcul ator	ing Calcul ator
ture	ture		selection selection process process Bearing Bearing failure failure and how and how	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	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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