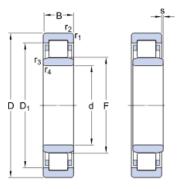
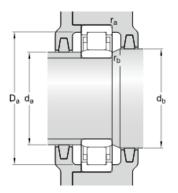


Technical specification





NU 312 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	60 mm
D	130 mm
В	31 mm
D ₁	≈ 109.2 mm
F	77 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. 72 mm
d _a	max. 74 mm
d _b	min. 79 mm
D _a	max. 118.1 mm
r _a	max. 2 mm
r _b	max. 2 mm



CALCULATION DATA

Basic dynamic load rating	С	173 kN
Basic static load rating	C ₀	160 kN
Fatigue load limit	Pu	21.2 kN
Reference speed		5600 r/min
Limiting speed		10000 r/min
Calculation factor	k _r	0.23
Limiting value	е	0.2
Axial load factor	Y	0.6

MASS

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ASSOCIATED PRODUCTS

Angle ring	HJ 312 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	bearingbearingselection General-selection Generalbearing kbearing kbearing knowledgenowledgenowledgeBearingBearing selectionprocessprocessBearingBearing failure	bearing -selection General	Bearing Select Engineer	Bearing Select Engineer
Loads	Loads Tempera			ing Calcul ator	ing Calcul ator
ture	ture		LubeSele ct for SKF greases	LubeSele ct for SKF greases	
Permissi ble speed	Permissi Bearin ble speed failure and how Design c to		Bearing Bearing ailure failure nd how and how o to	Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i	Heater selection
Design c onsiderati ons Designati on system					tool Oil Injection Method <u>Program</u> Rolling bearings mounting and dism ounting i
				<u>nstruc</u> tio ns	<u>nstruc</u> tio



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