

NU 1048 ML

Popular item

Cylindrical roller bearings, single row

Bearing data

Tolerances,

Normal (metric), P6, Normal (inch),

Radial internal clearance,

cylindrical bore, tapered bore,

Axial internal clearance,

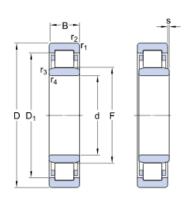
NUP, NJ + HJ

Bearing interfaces

Seat tolerances for standard conditions,

Tolerances and resultant fit

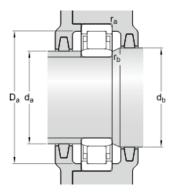
Technical specification



DIMENSIONS

d	240 mm
D	360 mm
В	56 mm
D_1	≈ 316.2 mm
F	270 mm
r _{1,2}	min. 3 mm
r _{3,4}	min. 3 mm
S	max. 7.5 mm

ABUTMENT DIMENSIONS



$\begin{array}{ccc} d_{a} & & \text{max. 266 mm} \\ d_{b} & & \text{min. 274 mm} \\ D_{a} & & \text{max. 348 mm} \\ r_{a} & & \text{max. 2.5 mm} \\ r_{b} & & \text{max. 2.5 mm} \end{array}$	d_a	min. 252 mm	
D _a max. 348 mm r _a max. 2.5 mm	d_a	max. 266 mm	
r _a max. 2.5 mm	d_b	min. 274 mm	
d	D_a	max. 348 mm	
r _b max. 2.5 mm	r _a	max. 2.5 mm	
	r_b	max. 2.5 mm	



CALCULATION DATA

Basic dynamic load rating	С	523 kN
Basic static load rating	C_0	800 kN
Fatigue load limit	P_{u}	78 kN
Reference speed		2000 r/min
Limiting speed		3000 r/min
Calculation factor	k_r	0.15
Limiting value	е	0.2
Axial load factor	Υ	0.6

MASS

ASSOCIATED PRODUCTS

Angle ring	HJ 1048
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5KF.



More information

Product details	Product details	Engineering in	fornEantojomeering in		Tools
Designs and variants Bearing data Loads	Designs and variants Bearing data Loads	Principles of rolling bearing -selection General bearing k	Principles of rolling bearing -selection General bearing k	SimPro Quick Bearing Select Engineer ing Calcul	SimPro Quick Bearing Select Engineer ing Calcul
Tempera ture limits Permissi ble speed Design c onsiderati ons Designati on system	Tempera ture limits Permissi ble speed Design c onsiderati ons Designati on system	Bearing selection process Bearing failure and how to prevent it	Bearing selection process Bearing failure and how to prevent it	LubeSele ct for SKF greases Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting i nstructio ns	ator LubeSele ct for SKF greases Heater selection tool Oil Injection Method Program Rolling bearings mounting and dism ounting instructions

5KF.



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