



SL014960-A-C3

Cylindrical roller bearing

Cylindrical roller bearings SL0149, locating bearing, double row, full complement cylindrical roller set, dimension series 49

Informacje techniczne



Twoja aktualna wersja produktu

Design	A	Internal Variant Cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	300 mm	Bore diameter
D	420 mm	Outside diameter
B	118 mm	Width
C _r	1.630.000 N	Basic dynamic load rating, radial
C _{0r}	3.700.000 N	Basic static load rating, radial
C _{ur}	410.000 N	Fatigue load limit, radial
n _G	870 1/min	Limiting speed
n _{gr}	445 1/min	Reference speed
≈m	52,705 kg	Masa

Mounting dimensions

r _{a max}	3 mm	Maximum recess radius
d _{a min}	340,7 mm	Minimum diameter shaft shoulder
D _{a max}	374,5 mm	Maximum diameter of housing shoulder



Dimensions

r _{min}	3 mm	Minimum chamfer dimension
d ₁	340,7 mm	Maximum rib diameter inner ring
D _{1 min}	374,3 mm	Minimum rib diameter outer ring
d _{c min}	340,5 mm	Minimum shaft shoulder

C	59 mm	Distance to lubrication hole
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Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Additional information

NNC4960V	Bearing designation DIN5412
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Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Obciążenie osiowe dwukierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia
	Łożysko gabarytowe