



SL014940

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	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	200 mm	Bore diameter
D	280 mm	Outside diameter
B	80 mm	Width
C _r	680.000 N	Basic dynamic load rating, radial
C _{0r}	1.440.000 N	Basic static load rating, radial
C _{ur}	176.000 N	Fatigue load limit, radial
n _G	1.310 1/min	Limiting speed
n _{gr}	820 1/min	Reference speed
≈m	15,131 kg	Masa

Mounting dimensions

r _{a max}	2,1 mm	Maximum recess radius
d _{a min}	230,5 mm	Minimum diameter shaft shoulder
D _{a max}	252,5 mm	Maximum diameter of housing shoulder



Dimensions

r min	2,1 mm	Minimum chamfer dimension
d 1	230,5 mm	Maximum rib diameter inner ring
D 1 min	252,3 mm	Minimum rib diameter outer ring
d c min	230,5 mm	Minimum shaft shoulder
C	40 mm	Distance to lubrication hole

Temperature range

T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Additional information

NNC4940V	Bearing designation DIN5412
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Właściwości

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