



SL024916

Cylindrical roller bearing

Cylindrical roller bearing SL02...-A, full complement roller set, two-row, non-locating bearing, 0 ribs on outer ring (smooth), 3 ribs on inner ring, type SL02

Informacje techniczne



Twoja aktualna wersja produktu

Design	A	Internal Variant A
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	80 mm	Bore diameter
D	110 mm	Outside diameter
B	30 mm	Width
C _r	112.000 N	Basic dynamic load rating, radial
C _{0r}	206.000 N	Basic static load rating, radial
C _{ur}	30.500 N	Fatigue load limit, radial
n _G	3.550 1/min	Limiting speed
n _{gr}	2.090 1/min	Reference speed
m	0,843 kg	Masa

Mounting dimensions

d _{c min}	91,5 mm	Minimum shaft shoulder
d _{a min}	91,4 mm	Minimum diameter shaft shoulder
D _{e min}	100,5 mm	Minimum diameter of housing shoulder
r _{a max}	1 mm	Maximum recess radius



Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
s	1 mm	Axial displacement
C	15 mm	Distance to lubrication hole
$d_{1\max}$	91,4 mm	Maximum rib diameter inner ring
E	100,78 mm	Raceway diameter outer ring

Temperature range

$T_{\min}$	-30 °C	Operating temperature min.
$T_{\max}$	120 °C	Operating temperature max.

Additional information

NNCL4916V	Bearing designation DIN5412
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Właściwości

	Obciążenie promieniowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia