



SL024944

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	220 mm	Bore diameter
D	300 mm	Outside diameter
B	80 mm	Width
C _r	700.000 N	Basic dynamic load rating, radial
C _{0r}	1.550.000 N	Basic static load rating, radial
C _{ur}	185.000 N	Fatigue load limit, radial
n _G	1.220 1/min	Limiting speed
n _{gr}	750 1/min	Reference speed
m	16,1 kg	Masa

Mounting dimensions

d _{c min}	248 mm	Minimum shaft shoulder
d _{a min}	248 mm	Minimum diameter shaft shoulder
D _{e min}	276,5 mm	Minimum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum recess radius



Dimensions

$r_{\min}$	2,1 mm	Minimum chamfer dimension
s	5 mm	Axial displacement
C	40 mm	Distance to lubrication hole
$d_1 \max$	248 mm	Maximum rib diameter inner ring
E	276,52 mm	Raceway diameter outer ring

Temperature range

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

Additional information

NNCL4944V	Bearing designation DIN5412
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Właściwości

	Obciążenie promieniowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia