

**SL024944-A-C3**

## 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

## Technical information



## Your current product variant

Design	A	Internal Variant A
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 &amp; 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	Weight

## 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 <sub>min</sub>	2,1 mm	Minimum chamfer dimension
s	5 mm	Axial displacement
C	40 mm	Distance to lubrication hole
d <sub>1 max</sub>	248 mm	Maximum rib diameter inner ring
E	276,52 mm	Raceway diameter outer ring





### Temperature range

T <sub>min</sub>	-30 °C	Operating temperature min.
T <sub>max</sub>	120 °C	Operating temperature max.

### Additional information

NNCL4944V	Bearing designation DIN5412
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### Characteristics

-  Radial load
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed