

**SL024964-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	320 mm	Bore diameter
D	440 mm	Outside diameter
B	118 mm	Width
$C_r$	1.700.000 N	Basic dynamic load rating, radial
$C_{0r}$	4.050.000 N	Basic static load rating, radial
$C_{ur}$	435.000 N	Fatigue load limit, radial
$n_G$	800 1/min	Limiting speed
$n_{gr}$	395 1/min	Reference speed
$m$	53,2 kg	Weight

## Mounting dimensions

$d_{c \min}$	367,5 mm	Minimum shaft shoulder
$d_{a \min}$	367,5 mm	Minimum diameter shaft shoulder
$D_{e \min}$	412 mm	Minimum diameter of housing shoulder
$r_{a \max}$	3 mm	Maximum recess radius



## Dimensions

$r_{\min}$	3 mm	Minimum chamfer dimension
s	6 mm	Axial displacement
C	59 mm	Distance to lubrication hole
$d_{1 \max}$	367,5 mm	Maximum rib diameter inner ring
E	412,27 mm	Raceway diameter outer ring

## Temperature range






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

## Additional information

NNCL4964V

Bearing designation DIN5412

## Characteristics

	Radial load
	Grease Lubrication
	Oil Lubrication
	Not sealed
	Large bearing