

**SL024980-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	400 mm	Bore diameter
D	540 mm	Outside diameter
B	140 mm	Width
$C_r$	2.310.000 N	Basic dynamic load rating, radial
$C_{0r}$	5.800.000 N	Basic static load rating, radial
$C_{ur}$	610.000 N	Fatigue load limit, radial
$n_G$	650 1/min	Limiting speed
$n_{gr}$	300 1/min	Reference speed
$m$	94,6 kg	Weight

## Mounting dimensions

$d_{c \min}$	450,5 mm	Minimum shaft shoulder
$d_{a \min}$	450,5 mm	Minimum diameter shaft shoulder
$D_{e \min}$	501,5 mm	Minimum diameter of housing shoulder
$r_{a \max}$	4 mm	Maximum recess radius



### Dimensions

$r_{min}$	4 mm	Minimum chamfer dimension
s	7 mm	Axial displacement
C	70 mm	Distance to lubrication hole
$d_{1 max}$	450,5 mm	Maximum rib diameter inner ring
E	501,74 mm	Raceway diameter outer ring






### Temperature range

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

### Additional information

NNCL4980V	Bearing designation DIN5412
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### Characteristics

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