

**SL024920-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 (PN)
Number of rows	2	Double-row design

## Main Dimensions &amp; Performance Data

d	100 mm	Bore diameter
D	140 mm	Outside diameter
B	40 mm	Width
C <sub>r</sub>	191.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	370.000 N	Basic static load rating, radial
C <sub>ur</sub>	48.500 N	Fatigue load limit, radial
n <sub>G</sub>	2.700 1/min	Limiting speed
n <sub>gr</sub>	1.720 1/min	Reference speed
m	1,896 kg	Weight

## Mounting dimensions

d <sub>c min</sub>	116,5 mm	Minimum shaft shoulder
d <sub>a min</sub>	116,4 mm	Minimum diameter shaft shoulder
D <sub>e min</sub>	129,5 mm	Minimum diameter of housing shoulder
r <sub>a max</sub>	1,1 mm	Maximum recess radius



### Dimensions

$r_{min}$	1,1 mm	Minimum chamfer dimension
s	2 mm	Axial displacement
C	20 mm	Distance to lubrication hole
$d_{1 max}$	116,4 mm	Maximum rib diameter inner ring
E	129,6 mm	Raceway diameter outer ring





### Temperature range

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

### Additional information

NNCL4920V	Bearing designation DIN5412
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### Characteristics

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