

**SL014920-A-C5**

## Cylindrical roller bearing

Cylindrical roller bearings SL0149, locating bearing, double row, full complement cylindrical roller set, dimension series 49

## Technical information



## Your current product variant

Design	A	Internal Variant Cage
Radial internal clearance	C5 (Group 5)	Internal clearance larger than C4
Tolerance class	PN	Normal (ISO 492:2023)
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
$C_r$	191.000 N	Basic dynamic load rating, radial
$C_{0r}$	370.000 N	Basic static load rating, radial
$C_{ur}$	48.500 N	Fatigue load limit, radial
$n_G$	2.700 1/min	Limiting speed
$n_{gr}$	1.720 1/min	Reference speed
$m$	1,922 kg	Weight

## Mounting dimensions

$r_{a \max}$	1,1 mm	Maximum recess radius
$d_{a \min}$	116,4 mm	Minimum diameter shaft shoulder
$D_{a \max}$	125 mm	Maximum diameter of housing shoulder



### Dimensions

$r_{min}$	1,1 mm	Minimum chamfer dimension
$d_1$	116,4 mm	Maximum rib diameter inner ring
$D_1 min$	125 mm	Minimum rib diameter outer ring
$d_{c min}$	116 mm	Minimum shaft shoulder
C	20 mm	Distance to lubrication hole

### Temperature range







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

### Additional information

NNC4920V

Bearing designation DIN5412

### Characteristics

-   $F_r$  Radial load
-   $F_a$  Axial load in one direction
-   $F_a$  Axial load in two directions
-  Grease Lubrication
-  Oil Lubrication
-  Not sealed