

**SL014916-A-C3**

## 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	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	80 mm	Bore diameter
D	110 mm	Outside diameter
B	30 mm	Width
$C_r$	112.000 N	Basic dynamic load rating, radial
$C_{0r}$	206.000 N	Basic static load rating, radial
$C_{ur}$	30.500 N	Fatigue load limit, radial
$n_G$	3.550 1/min	Limiting speed
$n_{gr}$	2.090 1/min	Reference speed
$m$	0,859 kg	Weight

## Mounting dimensions

$r_{a \max}$	1 mm	Maximum recess radius
$d_{a \min}$	91,4 mm	Minimum diameter shaft shoulder
$D_{a \max}$	96,5 mm	Maximum diameter of housing shoulder



### Dimensions

$r_{min}$	1 mm	Minimum chamfer dimension
$d_1$	91,4 mm	Maximum rib diameter inner ring
$D_1 min$	96,2 mm	Minimum rib diameter outer ring
$d_{c min}$	91 mm	Minimum shaft shoulder
C	15 mm	Distance to lubrication hole

### Temperature range

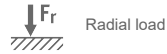
$T_{min}$	-30 °C	Operating temperature min.
$T_{max}$	120 °C	Operating temperature max.

### Additional information

NNC4916V

Bearing designation DIN5412

### Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Grease Lubrication



Oil Lubrication



Not sealed