

**SL014926**

## 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	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	2	Double-row design

## Main Dimensions &amp; Performance Data

d	130 mm	Bore diameter
D	180 mm	Outside diameter
B	50 mm	Width
$C_r$	260.000 N	Basic dynamic load rating, radial
$C_{0r}$	510.000 N	Basic static load rating, radial
$C_{ur}$	64.000 N	Fatigue load limit, radial
$n_G$	2.090 1/min	Limiting speed
$n_{gr}$	1.500 1/min	Reference speed
$m$	3,845 kg	Weight

## Mounting dimensions

$r_{a \max}$	1,5 mm	Maximum recess radius
$d_{a \min}$	148,4 mm	Minimum diameter shaft shoulder
$D_{a \max}$	160 mm	Maximum diameter of housing shoulder



### Dimensions

$r_{min}$	1,5 mm	Minimum chamfer dimension
$d_1$	148,4 mm	Maximum rib diameter inner ring
$D_1 min$	160 mm	Minimum rib diameter outer ring
$d_{c min}$	148 mm	Minimum shaft shoulder
C	25 mm	Distance to lubrication hole

### Temperature range

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

### Additional information

NNC4926V

Bearing designation DIN5412

### Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Grease Lubrication



Oil Lubrication



Not sealed