

**SL014912**

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 & Performance Data

d	60 mm	Bore diameter
D	85 mm	Outside diameter
B	25 mm	Width
C_r	70.000 N	Basic dynamic load rating, radial
C_{0r}	121.000 N	Basic static load rating, radial
C_{ur}	17.700 N	Fatigue load limit, radial
n_G	4.650 1/min	Limiting speed
n_{gr}	2.650 1/min	Reference speed
m	0,455 kg	Weight

Mounting dimensions

$r_{a \max}$	1 mm	Maximum recess radius
$d_{a \min}$	70,3 mm	Minimum diameter shaft shoulder
$D_{a \max}$	73,5 mm	Maximum diameter of housing shoulder



Dimensions

r_{min}	1 mm	Minimum chamfer dimension
d_1	70,3 mm	Maximum rib diameter inner ring
$D_1 min$	73,5 mm	Minimum rib diameter outer ring
$d_{c min}$	70 mm	Minimum shaft shoulder
C	12,5 mm	Distance to lubrication hole

Temperature range







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

Additional information

NNC4912V

Bearing designation DIN5412

Characteristics

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