

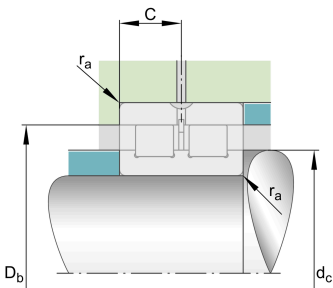
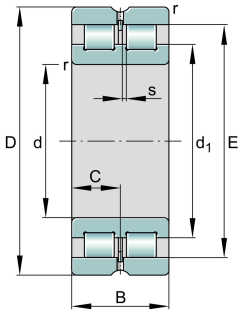
**SL024972-A-XL**

Cylindrical roller bearing

Cylindrical roller bearings SL0249, non-locating bearing, double row, full complement cylindrical roller set, dimension series 49

X-life

Technical information



Your current product variant

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	360 mm	Bore diameter
D	480 mm	Outside diameter
B	118 mm	Width
C_r	2.020.000 N	Basic dynamic load rating, radial
C_{0r}	4.450.000 N	Basic static load rating, radial
C_{ur}	570.000 N	Fatigue load limit, radial
n_G	730 1/min	Limiting speed
n_{gr}	350 1/min	Reference speed
$\approx m$	60,81 kg	Weight

Mounting dimensions

$d_{c \min}$	404 mm	Minimum shaft shoulder
$d_{a \min}$	404 mm	Minimum diameter shaft shoulder
$D_{e \min}$	447,5 mm	Minimum diameter of housing shoulder
$r_{a \max}$	3 mm	Maximum recess radius



Dimensions

r_{min}	3 mm	Minimum chamfer dimension
s	6 mm	Axial displacement
C	59 mm	Distance to lubrication hole
$d_{1 max}$	404 mm	Maximum rib diameter inner ring
E	447,95 mm	Raceway diameter outer ring

Temperature range

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

Additional information

NNCL4972V	Bearing designation DIN5412
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Characteristics

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