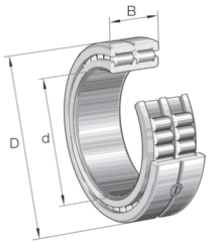
View product details on medias

06.06.2026, 08:59:03 UTC

SCHAEFFLER

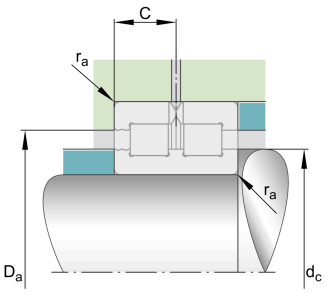


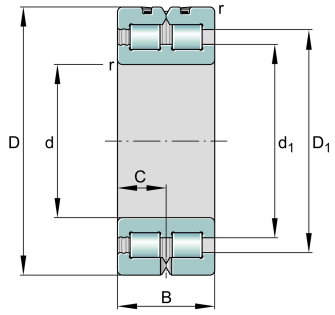
SL014934

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 (PN)
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	170 mm	Bore diameter
D	230 mm	Outside diameter
B	60 mm	Width
C_r	435.000 N	Basic dynamic load rating, radial
C_{0r}	930.000 N	Basic static load rating, radial
C_{ur}	115.000 N	Fatigue load limit, radial
n_G	1.580 1/min	Limiting speed
$n_{\vartheta r}$	1.010 1/min	Reference speed
≈m	7,04 kg	Weight

Mounting dimensions

$r_{a\ max}$	2 mm	Maximum recess radius
$d_{a\ min}$	193,1 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	209,5 mm	Maximum diameter of housing shoulder

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: Contact form

Dimensions

r_{min}	2 mm	Minimum chamfer dimension
d_1	193,1 mm	Maximum rib diameter inner ring
$D_{1\ min}$	209,1 mm	Minimum rib diameter outer ring
$d_{c\ min}$	193 mm	Minimum shaft shoulder
C	30 mm	Distance to lubrication hole

Temperature range

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

Additional information

	NNC4934V	Bearing designation DIN5412

Characteristics

Radial load

Axial load in one direction

Axial load in two directions

Grease Lubrication

Oil Lubrication

Not sealed

The data sheet only contains an overview of the technical data of the selected product. Please refer to the additional documentation for this product. For further information, please use the following link on our website: Contact form