**SL024960-A-C3**

Cylindrical roller bearing

Cylindrical roller bearing SL02...-A, full complement roller set, two-row, non-locating bearing, 0 ribs on outer ring (smooth), 3 ribs on inner ring, type SL02

Technical information



Your current product variant

Design	A	Internal Variant A
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 & Performance Data

d	300 mm	Bore diameter
D	420 mm	Outside diameter
B	118 mm	Width
C_r	1.630.000 N	Basic dynamic load rating, radial
C_{0r}	3.700.000 N	Basic static load rating, radial
C_{ur}	410.000 N	Fatigue load limit, radial
n_G	870 1/min	Limiting speed
n_{gr}	445 1/min	Reference speed
m	51,9 kg	Weight

Mounting dimensions

$d_{c \min}$	341 mm	Minimum shaft shoulder
$d_{a \min}$	340,7 mm	Minimum diameter shaft shoulder
$D_{e \min}$	385,5 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
$d_{1 max}$	340,7 mm	Maximum rib diameter inner ring
E	385,51 mm	Raceway diameter outer ring






Temperature range

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

Additional information

NNCL4960V	Bearing designation DIN5412
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Characteristics

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