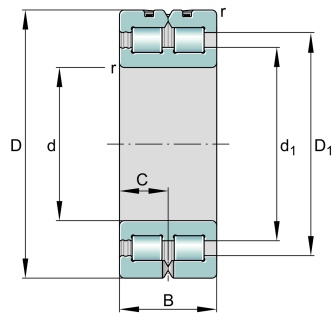
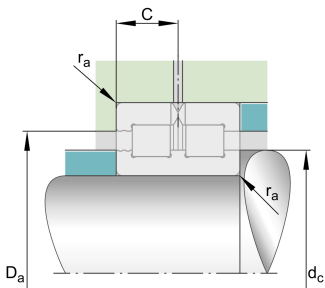


SL014838

Cylindrical roller bearing

Cylindrical roller bearings, locating bearing, double row, full complement cylindrical roller set, dimension series 48

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	190 mm	Bore diameter
D	240 mm	Outside diameter
B	50 mm	Width
C _r	310.000 N	Basic dynamic load rating, radial
C _{0r}	730.000 N	Basic static load rating, radial
C _{ur}	82.000 N	Fatigue load limit, radial
n _G	1.480 1/min	Limiting speed
n _{gr}	1.030 1/min	Reference speed
≈m	5,179 kg	Weight

Mounting dimensions

r _{a max}	1,5 mm	Maximum recess radius
d _{a min}	207,6 mm	Minimum diameter shaft shoulder
D _{a max}	221 mm	Maximum diameter of housing shoulder



Dimensions

r_{min}	1,5 mm	Minimum chamfer dimension
d_1	207,6 mm	Maximum rib diameter inner ring
$D_1 min$	221 mm	Minimum rib diameter outer ring
$d_{c min}$	207,5 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

NNC4838V	Bearing designation DIN5412
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Characteristics

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