

**SL014834**

## 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 &amp; Performance Data

d	170 mm	Bore diameter
D	215 mm	Outside diameter
B	45 mm	Width
C <sub>r</sub>	260.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	600.000 N	Basic static load rating, radial
C <sub>ur</sub>	70.000 N	Fatigue load limit, radial
n <sub>G</sub>	1.670 1/min	Limiting speed
n <sub>gr</sub>	1.180 1/min	Reference speed
m	3,832 kg	Weight

## Mounting dimensions

r <sub>a max</sub>	1,1 mm	Maximum recess radius
d <sub>a min</sub>	186,3 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	197 mm	Maximum diameter of housing shoulder



### Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
$d_1$	186,3 mm	Maximum rib diameter inner ring
$D_1 \min$	197 mm	Minimum rib diameter outer ring
$d_{c \min}$	186 mm	Minimum shaft shoulder
C	22,5 mm	Distance to lubrication hole

### Temperature range

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

### Additional information

NNC4834V

Bearing designation DIN5412

### Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Grease Lubrication



Oil Lubrication



Not sealed