

**SL014880**

## 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	400 mm	Bore diameter
D	500 mm	Outside diameter
B	100 mm	Width
$C_r$	1.350.000 N	Basic dynamic load rating, radial
$C_{0r}$	3.650.000 N	Basic static load rating, radial
$C_{ur}$	375.000 N	Fatigue load limit, radial
$n_G$	680 1/min	Limiting speed
$n_{gr}$	360 1/min	Reference speed
$m$	44,8 kg	Weight

## Mounting dimensions

$r_{a \max}$	2,1 mm	Maximum recess radius
$d_{a \min}$	433,8 mm	Minimum diameter shaft shoulder
$D_{a \max}$	462 mm	Maximum diameter of housing shoulder



### Dimensions

$r_{min}$	2,1 mm	Minimum chamfer dimension
$d_1$	433,8 mm	Maximum rib diameter inner ring
$D_1 min$	462 mm	Minimum rib diameter outer ring
$d_{c min}$	433,5 mm	Minimum shaft shoulder
C	50 mm	Distance to lubrication hole

### Temperature range








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

### Additional information

NNC4880V

Bearing designation DIN5412

### Characteristics

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