

**SL014856**

## 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	280 mm	Bore diameter
D	350 mm	Outside diameter
B	69 mm	Width
C <sub>r</sub>	700.000 N	Basic dynamic load rating, radial
C <sub>0r</sub>	1.820.000 N	Basic static load rating, radial
C <sub>ur</sub>	201.000 N	Fatigue load limit, radial
n <sub>G</sub>	980 1/min	Limiting speed
n <sub>gr</sub>	570 1/min	Reference speed
m	15,074 kg	Weight

## Mounting dimensions

r <sub>a max</sub>	2 mm	Maximum recess radius
d <sub>a min</sub>	306,8 mm	Minimum diameter shaft shoulder
D <sub>a max</sub>	326,5 mm	Maximum diameter of housing shoulder



## Dimensions

$r_{\min}$	2 mm	Minimum chamfer dimension
$d_1$	306,8 mm	Maximum rib diameter inner ring
$D_1 \min$	326,4 mm	Minimum rib diameter outer ring
$d_{c \min}$	306,5 mm	Minimum shaft shoulder
C	34,5 mm	Distance to lubrication hole

## Temperature range

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

## Additional information

NNC4856V

Bearing designation DIN5412

## Characteristics



Radial load



Axial load in one direction



Axial load in two directions



Grease Lubrication



Oil Lubrication



Not sealed



Large bearing