

**SL024896**

## Cylindrical roller bearing

Cylindrical roller bearing SL02, 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

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	480 mm	Bore diameter
D	600 mm	Outside diameter
B	118 mm	Width
$C_r$	1.610.000 N	Basic dynamic load rating, radial
$C_{0r}$	4.750.000 N	Basic static load rating, radial
$C_{ur}$	465.000 N	Fatigue load limit, radial
$n_G$	560 1/min	Limiting speed
$n_{gr}$	290 1/min	Reference speed
$\approx m$	76,853 kg	Weight

## Mounting dimensions

$d_{c \min}$	530 mm	Minimum shaft shoulder
$d_{a \min}$	529,6 mm	Minimum diameter shaft shoulder
$D_{e \min}$	557,35 mm	Minimum diameter of housing shoulder
$r_{a \max}$	4 mm	Maximum recess radius



### Dimensions

$r_{\min}$	4 mm	Minimum chamfer dimension
s	7 mm	Axial displacement
C	59 mm	Distance to lubrication hole
$d_{1 \max}$	529,6 mm	Maximum rib diameter inner ring
E	597,55 mm	Raceway diameter outer ring

### Temperature range

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

### Additional information

NNCL4896V

Bearing designation DIN5412

### Characteristics



Radial load



Grease Lubrication



Oil Lubrication



Not sealed