



SL1818/500-E-TB-CN/3L

Cylindrical roller bearing

Cylindrical roller bearing, SL1818..-E-TB
full complement roller set, single row, semi-
locating bearing, 1 rib on outer ring, 2 ribs on
inner ring, type SL18

Informacje techniczne



Twoja aktualna wersja produktu

Design	TB	Bearings with increased axial load capacity
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	500 mm	Bore diameter
D	620 mm	Outside diameter
B	56 mm	Width
C _r	980.000 N	Basic dynamic load rating, radial
C _{0r}	2.050.000 N	Basic static load rating, radial
C _{ur}	200.000 N	Fatigue load limit, radial
n _G	540 1/min	Limiting speed
n _{gr}	345 1/min	Reference speed
m	35,03 kg	Masa



Mounting dimensions

d a min	542 mm	Minimum diameter shaft shoulder
d c min	542 mm	Minimum shaft shoulder
D a max	580,5 mm	Maximum diameter of housing shoulder
D e min	594,5 mm	Minimum diameter of housing shoulder
r a max	3 mm	Maximum recess radius
E	594,5 mm	Raceway diameter outer ring

Dimensions

r min	3 mm	Minimum chamfer dimension
s	5 mm	Axial displacement
d 1	542 mm	Maximum rib diameter inner ring
D 1 min	580,5 mm	Minimum rib diameter outer ring

Temperature range

T min	-30 °C	Operating temperature min.
T max	120 °C	Operating temperature max.

Właściwości

	Obciążenie promieniowe
	Obciążenie osiowe jednokierunkowe
	Smarowanie smarem
	Smarowanie olejem
	Bez uszczelnienia
	Łożysko gabarytowe