



SL1818/950-E-TB-C3

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

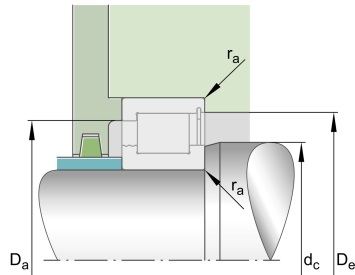


Twoja aktualna wersja produktu

Design	TB	Bearings with increased axial load capacity
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	950 mm	Bore diameter
D	1.150 mm	Outside diameter
B	90 mm	Width
C _r	2.550.000 N	Basic dynamic load rating, radial
C _{0r}	6.300.000 N	Basic static load rating, radial
C _{ur}	475.000 N	Fatigue load limit, radial
n _G	280 1/min	Limiting speed
n _{gr}	146 1/min	Reference speed
m	182,4 kg	Masa





Mounting dimensions

$d_{a \min}$	1.022 mm	Minimum diameter shaft shoulder
$d_{c \min}$	1.022 mm	Minimum shaft shoulder
$D_{a \max}$	1.082 mm	Maximum diameter of housing shoulder
$D_{e \min}$	1.105 mm	Minimum diameter of housing shoulder
$r_{a \max}$	5 mm	Maximum recess radius
E	1.105 mm	Raceway diameter outer ring

Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
s	11,5 mm	Axial displacement
d_1	1.022 mm	Maximum rib diameter inner ring
$D_1 \min$	1.082 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