

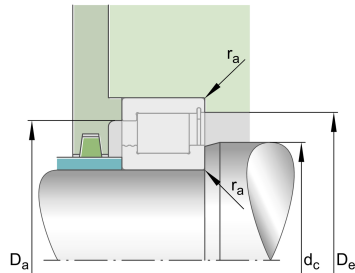


SL1818/750-E-TB-BR-CN/3L [🔗](#)

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	750 mm	Bore diameter
D	920 mm	Outside diameter
B	78 mm	Width
C _r	1.810.000 N	Basic dynamic load rating, radial
C _{0r}	4.200.000 N	Basic static load rating, radial
C _{ur}	365.000 N	Fatigue load limit, radial
n _G	355 1/min	Limiting speed
n _{gr}	204 1/min	Reference speed
m	105,49 kg	Masa



Mounting dimensions

$d_{a\ min}$	810,5 mm	Minimum diameter shaft shoulder
$d_{c\ min}$	810,5 mm	Minimum shaft shoulder
$D_{a\ max}$	862 mm	Maximum diameter of housing shoulder
$D_{e\ min}$	882 mm	Minimum diameter of housing shoulder
$r_{a\ max}$	5 mm	Maximum recess radius
E	882 mm	Raceway diameter outer ring

Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
s	9 mm	Axial displacement
d_1	810,5 mm	Maximum rib diameter inner ring
$D_1\ min$	862,2 mm	Minimum rib diameter outer ring

Temperature range

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

Właściwości

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