

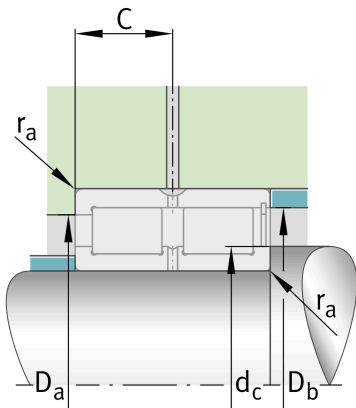
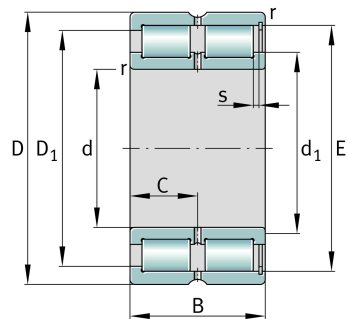
SL185068-TB-XL-BR-C3

Cylindrical roller bearing

Cylindrical roller bearing SL18...-XL, full complement roller set, two-row, semi-locating bearing, 1 rib on outer ring, 3 ribs on inner ring, type SL18

X-life

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	2	Double-row design

Main Dimensions & Performance Data

d	340 mm	Bore diameter
D	520 mm	Outside diameter
B	243 mm	Width
C _r	4.800.000 N	Basic dynamic load rating, radial
C _{0r}	8.300.000 N	Basic static load rating, radial
C _{ur}	990.000 N	Fatigue load limit, radial
n _G	710 1/min	Limiting speed
n _{gr}	335 1/min	Reference speed
m	172,5 kg	Masa



Mounting dimensions

d _{c min}	396 mm	Minimum shaft shoulder
d _{a min}	396 mm	Minimum diameter shaft shoulder
D _{a max}	465,5 mm	Maximum diameter of housing shoulder
r _{a max}	5 mm	Maximum recess radius
D _{e min}	465,5 mm	Minimum diameter of housing shoulder

Dimensions

r _{min}	5 mm	Minimum chamfer dimension
r _{1 min}	5 mm	Minimum chamfer dimension
s	14,3 mm	Axial displacement
C	121,5 mm	Distance to lubrication hole
d ₁	396 mm	Maximum rib diameter inner ring
D _{1 min}	465,5 mm	Minimum rib diameter outer ring
E	485,7 mm	Raceway 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