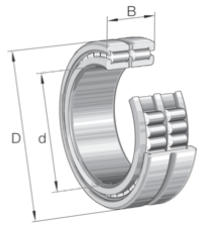
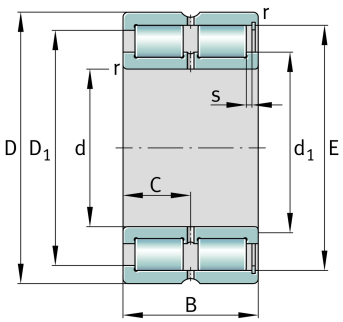


SL185044-A

Cylindrical roller bearing

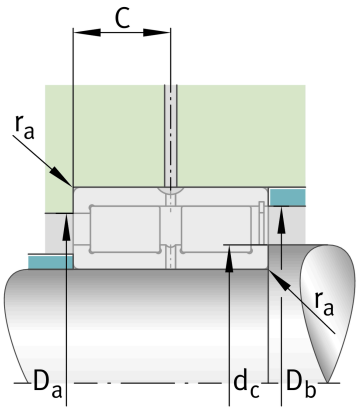
Cylindrical roller bearing SL1850..-A, full complement roller set, two-row, semi-locating bearing, 1 rib on outer ring, 3 ribs on inner ring, type SL18

Informacje techniczne



Twoja aktualna wersja produktu

Design	A	Internal Variant A
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 & Performance Data

d	220 mm	Bore diameter
D	340 mm	Outside diameter
B	160 mm	Width
C_r	1.980.000 N	Basic dynamic load rating, radial
C_{0r}	3.650.000 N	Basic static load rating, radial
C_{ur}	440.000 N	Fatigue load limit, radial
n_G	1.140 1/min	Limiting speed
$n_{\vartheta r}$	630 1/min	Reference speed
≈m	50,492 kg	Masa

Mounting dimensions

$d_{c\ min}$	254,6 mm	Minimum shaft shoulder
$d_{a\ min}$	254,6 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	297,8 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	3 mm	Maximum recess radius
$r_{a1\ max}$	3 mm	Maximum recess radius
$D_{e\ min}$	297,8 mm	Minimum diameter of housing shoulder

Dimensions

r_{min}	3 mm	Minimum chamfer dimension
$r_{1\ min}$	3 mm	Minimum chamfer dimension
s	9 mm	Axial displacement
C	80 mm	Distance to lubrication hole
d_1	254,6 mm	Maximum rib diameter inner ring
$D_{1\ min}$	297,8 mm	Minimum rib diameter outer ring
E	312,2 mm	Raceway 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