



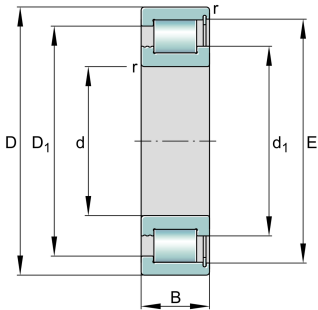
SL183010-A-XL-C3

Cylindrical roller bearing

Cylindrical roller bearing SL18, 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	A	Internal Variant A
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	50 mm	Bore diameter
D	80 mm	Outside diameter
B	23 mm	Width
C _r	88.000 N	Basic dynamic load rating, radial
C _{0r}	94.000 N	Basic static load rating, radial
C _{ur}	15.300 N	Fatigue load limit, radial
n _G	6.100 1/min	Limiting speed
n _{gr}	3.700 1/min	Reference speed
≈m	418,1 g	Masa





Mounting dimensions

$d_{a\ min}$	59,1 mm	Minimum diameter shaft shoulder
$d_{c\ min}$	59 mm	Minimum shaft shoulder
$D_{a\ max}$	67,5 mm	Maximum diameter of housing shoulder
$D_{e\ min}$	72 mm	Minimum diameter of housing shoulder
$r_{a\ max}$	1 mm	Maximum recess radius
E	72,3 mm	Raceway diameter outer ring

Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
s	2 mm	Axial displacement
d_1	59,1 mm	Maximum rib diameter inner ring
$D_1\ min$	67,7 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