



SL182944-B-XL-BR-C3

Cylindrical roller bearing

Cylindrical roller bearing SL18, full complement roller set, single row, semi-locating bearing, 1 rib on outer ring, 2 ribs on inner ring, type SL18

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	B	Internal Variant B
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	220 mm	Bore diameter
D	300 mm	Outside diameter
B	48 mm	Width
C _r	650.000 N	Basic dynamic load rating, radial
C _{0r}	1.030.000 N	Basic static load rating, radial
C _{ur}	152.000 N	Fatigue load limit, radial
n _G	1.390 1/min	Limiting speed
n _{gr}	840 1/min	Reference speed
≈m	9,596 kg	Masa





Mounting dimensions

d a min	246,3 mm	Minimum diameter shaft shoulder
d c min	246 mm	Minimum shaft shoulder
D a max	273 mm	Maximum diameter of housing shoulder
D e min	282 mm	Minimum diameter of housing shoulder
r a max	2,1 mm	Maximum recess radius
E	282,5 mm	Raceway diameter outer ring

Dimensions

r min	2,1 mm	Minimum chamfer dimension
s	3 mm	Axial displacement
d 1	246,3 mm	Maximum rib diameter inner ring
D 1 min	273,2 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