



SL182948-B-C3

Cylindrical roller bearing

Cylindrical roller bearing SL18...-B, 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	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	240 mm	Bore diameter
D	320 mm	Outside diameter
B	48 mm	Width
C _r	600.000 N	Basic dynamic load rating, radial
C _{0r}	1.120.000 N	Basic static load rating, radial
C _{ur}	132.000 N	Fatigue load limit, radial
n _G	1.120 1/min	Limiting speed
n _{gr}	750 1/min	Reference speed
≈m	10,332 kg	Masa



Mounting dimensions

d a min	268,5 mm	Minimum diameter shaft shoulder
d c min	267,5 mm	Minimum shaft shoulder
D a max	294 mm	Maximum diameter of housing shoulder
D e min	303,5 mm	Minimum diameter of housing shoulder
r a max	2,1 mm	Maximum recess radius
E	303,7 mm	Raceway diameter outer ring

Dimensions

r min	2,1 mm	Minimum chamfer dimension
s	3 mm	Axial displacement
d 1	267,5 mm	Maximum rib diameter inner ring
D 1 min	294,4 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
	Łożysko gabarytowe