



SL182980-B

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	CN (Group N)	Normal internal clearance
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	400 mm	Bore diameter
D	540 mm	Outside diameter
B	82 mm	Width
C _r	1.710.000 N	Basic dynamic load rating, radial
C _{0r}	3.500.000 N	Basic static load rating, radial
C _{ur}	360.000 N	Fatigue load limit, radial
n _G	650 1/min	Limiting speed
n _{gr}	350 1/min	Reference speed
m	52,5 kg	Masa



Mounting dimensions

d a min	450 mm	Minimum diameter shaft shoulder
d c min	450 mm	Minimum shaft shoulder
D a max	496 mm	Maximum diameter of housing shoulder
D e min	511 mm	Minimum diameter of housing shoulder
r a max	4 mm	Maximum recess radius
E	510,9 mm	Raceway diameter outer ring

Dimensions

r min	4 mm	Minimum chamfer dimension
s	5 mm	Axial displacement
d 1	450 mm	Maximum rib diameter inner ring
D 1 min	496 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