



SL185040-TB-C3

Cylindrical roller bearing

Cylindrical roller bearing SL1850..-TB,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	TB	Bearings with increased axial load capacity
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	2	Double-row design

Main Dimensions & Performance Data

d	200 mm	Bore diameter
D	310 mm	Outside diameter
B	150 mm	Width
C _r	1.630.000 N	Basic dynamic load rating, radial
C _{0r}	3.000.000 N	Basic static load rating, radial
C _{ur}	375.000 N	Fatigue load limit, radial
n _G	1.230 1/min	Limiting speed
n _{gr}	710 1/min	Reference speed
≈m	39,138 kg	Masa



Mounting dimensions

d _c min	236,5 mm	Minimum shaft shoulder
d _a min	236,6 mm	Minimum diameter shaft shoulder
D _a max	276,5 mm	Maximum diameter of housing shoulder
r _a max	2,1 mm	Maximum recess radius
D _e min	274,9 mm	Minimum diameter of housing shoulder

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
r ₁ min	2,1 mm	Minimum chamfer dimension
s	8,9 mm	Axial displacement
C	75 mm	Distance to lubrication hole
d ₁	236,6 mm	Maximum rib diameter inner ring
D ₁ min	274,9 mm	Minimum rib diameter outer ring
E	287,8 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