



SL185052-TB-BR-C3-2S

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	260 mm	Bore diameter
D	400 mm	Outside diameter
B	190 mm	Width
C _r	2.750.000 N	Basic dynamic load rating, radial
C _{0r}	5.000.000 N	Basic static load rating, radial
C _{ur}	580.000 N	Fatigue load limit, radial
n _G	940 1/min	Limiting speed
n _{gr}	490 1/min	Reference speed
≈m	79,5 kg	Masa



Mounting dimensions

$d_{c\ min}$	304 mm	Minimum shaft shoulder
$d_{a\ min}$	304 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	360 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	4 mm	Maximum recess radius
$D_{e\ min}$	358 mm	Minimum diameter of housing shoulder

Dimensions

$r_{\min}$	4 mm	Minimum chamfer dimension
$r_{1\ min}$	4 mm	Minimum chamfer dimension
s	11,3 mm	Axial displacement
C	95 mm	Distance to lubrication hole
d_1	304 mm	Maximum rib diameter inner ring
$D_1\ min$	358 mm	Minimum rib diameter outer ring
E	376 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
	Łożysko gabarytowe