



SL185056-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	280 mm	Bore diameter
D	420 mm	Outside diameter
B	190 mm	Width
C _r	2.850.000 N	Basic dynamic load rating, radial
C _{0r}	5.300.000 N	Basic static load rating, radial
C _{ur}	600.000 N	Fatigue load limit, radial
n _G	900 1/min	Limiting speed
n _{gr}	460 1/min	Reference speed
≈m	86,4 kg	Masa



Mounting dimensions

d c min	318 mm	Minimum shaft shoulder
d a min	318,3 mm	Minimum diameter shaft shoulder
D a max	374,5 mm	Maximum diameter of housing shoulder
r a max	4 mm	Maximum recess radius
D e min	372,3 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	318,3 mm	Maximum rib diameter inner ring
D 1 min	372,3 mm	Minimum rib diameter outer ring
E	390,3 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