



SL183072-TB

Cylindrical roller bearing

Cylindrical roller bearing SL1830..-TB ,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	TB	Bearings with increased axial load capacity
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	360 mm	Bore diameter
D	540 mm	Outside diameter
B	134 mm	Width
C _r	2.550.000 N	Basic dynamic load rating, radial
C _{0r}	4.350.000 N	Basic static load rating, radial
C _{ur}	420.000 N	Fatigue load limit, radial
n _G	680 1/min	Limiting speed
n _{gr}	405 1/min	Reference speed
≈m	98,3 kg	Masa



Mounting dimensions

d _a min	414 mm	Minimum diameter shaft shoulder
d _c min	414 mm	Minimum shaft shoulder
D _a max	481,5 mm	Maximum diameter of housing shoulder
D _e min	503 mm	Minimum diameter of housing shoulder
r _a max	5 mm	Maximum recess radius
E	503,5 mm	Raceway diameter outer ring

Dimensions

r _{min}	5 mm	Minimum chamfer dimension
s	16 mm	Axial displacement
d ₁	414 mm	Maximum rib diameter inner ring
D ₁ min	481,6 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