



SL185007-A-C3

Cylindrical roller bearing

Cylindrical roller bearing SL1850...-A, 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	A	Internal Variant A
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	35 mm	Bore diameter
D	62 mm	Outside diameter
B	36 mm	Width
C _r	83.000 N	Basic dynamic load rating, radial
C _{0r}	107.000 N	Basic static load rating, radial
C _{ur}	15.500 N	Fatigue load limit, radial
n _G	7.100 1/min	Limiting speed
n _{gr}	4.750 1/min	Reference speed
≈m	439,1 g	Masa



Mounting dimensions

$d_{c \min}$	44,5 mm	Minimum shaft shoulder
$d_{a \min}$	44,9 mm	Minimum diameter shaft shoulder
$D_{a \max}$	51,25 mm	Maximum diameter of housing shoulder
$r_{a \max}$	1 mm	Maximum recess radius
$r_{a1 \max}$	2,1 mm	Maximum recess radius
$D_{e \min}$	51,25 mm	Minimum diameter of housing shoulder

Dimensions

$r_{\min}$	1 mm	Minimum chamfer dimension
$r_{1 \min}$	1,5 mm	Minimum chamfer dimension
s	1,5 mm	Axial displacement
C	18 mm	Distance to lubrication hole
d_1	44,9 mm	Maximum rib diameter inner ring
$D_1 \min$	51,25 mm	Minimum rib diameter outer ring
E	55,52 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