



SL183032-A-C3

Cylindrical roller bearing

Cylindrical roller bearing SL18...-A, 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	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	1	Single-row design

Main Dimensions & Performance Data

d	160 mm	Bore diameter
D	240 mm	Outside diameter
B	60 mm	Width
C _r	540.000 N	Basic dynamic load rating, radial
C _{0r}	800.000 N	Basic static load rating, radial
C _{ur}	105.000 N	Fatigue load limit, radial
n _G	1.600 1/min	Limiting speed
n _{gr}	1.280 1/min	Reference speed
≈m	8,52 kg	Masa



Mounting dimensions

$d_{a\ min}$	184,8 mm	Minimum diameter shaft shoulder
$d_{c\ min}$	184,5 mm	Minimum shaft shoulder
$D_{a\ max}$	215,5 mm	Maximum diameter of housing shoulder
$D_{e\ min}$	225 mm	Minimum diameter of housing shoulder
$r_{a\ max}$	2,1 mm	Maximum recess radius
E	225,5 mm	Raceway diameter outer ring

Dimensions

$r_{\ min}$	2,1 mm	Minimum chamfer dimension
s	7 mm	Axial displacement
d_1	184,8 mm	Maximum rib diameter inner ring
$D_1\ min$	215,8 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