



SL181848-E-BR

Cylindrical roller bearing

Cylindrical roller bearing SL1818..-E, 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	E	
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	240 mm	Bore diameter
D	300 mm	Outside diameter
B	28 mm	Width
C _r	265.000 N	Basic dynamic load rating, radial
C _{0r}	490.000 N	Basic static load rating, radial
C _{ur}	55.000 N	Fatigue load limit, radial
n _G	1.160 1/min	Limiting speed
n _{gr}	870 1/min	Reference speed
≈m	4,116 kg	Masa



Mounting dimensions

$d_{a\ min}$	260,5 mm	Minimum diameter shaft shoulder
$d_{c\ min}$	260,5 mm	Minimum shaft shoulder
$D_{a\ max}$	281 mm	Maximum diameter of housing shoulder
$D_{e\ min}$	287,5 mm	Minimum diameter of housing shoulder
$r_{a\ max}$	2 mm	Maximum recess radius
E	287,5 mm	Raceway diameter outer ring

Dimensions

$r_{\ min}$	2 mm	Minimum chamfer dimension
s	2 mm	Axial displacement
d_1	260,5 mm	Maximum rib diameter inner ring
$D_1\ min$	281 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