



SL1818/530-E-TB-BR-CN/3L [🔗](#)

Cylindrical roller bearing

Cylindrical roller bearing, SL1818..-E-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
Tolerance class	PN	Normal (ISO 492:2023)
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	530 mm	Bore diameter
D	650 mm	Outside diameter
B	56 mm	Width
C _r	1.010.000 N	Basic dynamic load rating, radial
C _{0r}	2.170.000 N	Basic static load rating, radial
C _{ur}	208.000 N	Fatigue load limit, radial
n _G	510 1/min	Limiting speed
n _{gr}	320 1/min	Reference speed
m	36,6 kg	Masa



Mounting dimensions

d _{a min}	573 mm	Minimum diameter shaft shoulder
d _{c min}	573 mm	Minimum shaft shoulder
D _{a max}	611 mm	Maximum diameter of housing shoulder
D _{e min}	625,5 mm	Minimum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius
E	625,5 mm	Raceway diameter outer ring

Dimensions

r _{min}	3 mm	Minimum chamfer dimension
s	5 mm	Axial displacement
d ₁	573 mm	Maximum rib diameter inner ring
D _{1 min}	611,1 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