



SL1829/560-B

Cylindrical roller bearing

Cylindrical roller bearing SL18...-B, 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	B	Internal Variant B
Number of rows	1	Single-row design

Main Dimensions & Performance Data

d	560 mm	Bore diameter
D	750 mm	Outside diameter
B	112 mm	Width
C _r	2.750.000 N	Basic dynamic load rating, radial
C _{0r}	5.600.000 N	Basic static load rating, radial
C _{ur}	485.000 N	Fatigue load limit, radial
n _G	460 1/min	Limiting speed
n _{gr}	244 1/min	Reference speed
≈m	130,18 kg	Masa

Mounting dimensions

d _{a min}	622,5 mm	Minimum diameter shaft shoulder
d _{c min}	622,5 mm	Minimum shaft shoulder
D _{a max}	689,5 mm	Maximum diameter of housing shoulder
D _{e min}	708,8 mm	Minimum diameter of housing shoulder
r _{a max}	5 mm	Maximum recess radius
E	708,8 mm	Raceway diameter outer ring



Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
s	8 mm	Axial displacement
d_1	622,5 mm	Maximum rib diameter inner ring
$D_1 \min$	689,5 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