



FAG

29320-E1-XL-N1

Axial spherical roller bearing

Axial spherical roller bearing 293..-E1-XL, no flanging ring



X-life

Informacje techniczne



Twoja aktualna wersja produktu

Heat treatment	Standard	Standard
Locating feature, housing washer	N1	Locating feature, housing washer
Cage	JP	Sheet metal cage
Handling thread holes	Without	
Constricted width and inclination variation	Standard	
Test certificate	Without	

Main Dimensions & Performance Data

d	100 mm	Bore diameter
D	170 mm	Outside diameter
T	42 mm	Height
C _a	495.000 N	Basic dynamic load rating, axial
C _{0a}	1.340.000 N	Basic static load rating, axial
C _{ua}	194.000 N	Fatigue load limit, axial
n _G	4.200 1/min	Limiting speed
n _{gr}	1.960 1/min	Reference speed
≈m	3,416 kg	Masa



Mounting dimensions

d _{a min}	135 mm	Minimum diameter shaft shoulder
D _{a max}	148 mm	Maximum diameter of housing shoulder
D _{b min}	173 mm	Minimum bore diameter housing
d _{b max}	107 mm	Maximum distance sleeve
r _{a max}	1,5 mm	Maximum recess radius

Dimensions

D ₁	127,5 mm	Bore diameter housing washer
d ₁	156 mm	Rip diameter shaft washer
r _{min}	1,5 mm	Minimum chamfer dimension
T ₁	20,5 mm	Height of the housing washer
T ₃	26,2 mm	Height of the shaft washer
T ₅	37,5 mm	Distance shaft washer - cage
A	58 mm	Distance of the center point

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	200 °C	Operating temperature max.

Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna