



FAG

29420-E1-XL-N1

Axial spherical roller bearing

Axial spherical roller bearing 294..-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	210 mm	Outside diameter
T	67 mm	Height
C _a	1.060.000 N	Basic dynamic load rating, axial
C _{0a}	2.600.000 N	Basic static load rating, axial
C _{ua}	290.000 N	Fatigue load limit, axial
n _G	3.400 1/min	Limiting speed
n _{gr}	1.740 1/min	Reference speed
≈m	9,8 kg	Masa



Mounting dimensions

d a min	150 mm	Minimum diameter shaft shoulder
D a max	175 mm	Maximum diameter of housing shoulder
D b min	214 mm	Minimum bore diameter housing
d b max	110,5 mm	Maximum distance sleeve
r a max	2,5 mm	Maximum recess radius

Dimensions

D 1	141,5 mm	Bore diameter housing washer
d 1	184,5 mm	Rip diameter shaft washer
r min	3 mm	Minimum chamfer dimension
T 1	32 mm	Height of the housing washer
T 3	43 mm	Height of the shaft washer
T 5	59,5 mm	Distance shaft washer - cage
A	62 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