



FAG

29430-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	150 mm	Bore diameter
D	300 mm	Outside diameter
T	90 mm	Height
C _a	2.000.000 N	Basic dynamic load rating, axial
C _{0a}	5.300.000 N	Basic static load rating, axial
C _{ua}	560.000 N	Fatigue load limit, axial
n _G	2.290 1/min	Limiting speed
n _{gr}	1.180 1/min	Reference speed
≈m	26,48 kg	Masa



Mounting dimensions

d _{a min}	220 mm	Minimum diameter shaft shoulder
D _{a max}	253 mm	Maximum diameter of housing shoulder
D _{b min}	306 mm	Minimum bore diameter housing
d _{b max}	175 mm	Maximum distance sleeve
d _{b1 max}	164 mm	Maximum chamfer diameter of distance sleeve
r _{a max}	3 mm	Maximum recess radius
	30 °	Angle of chamfer of the distance sleeve

Dimensions

D ₁	207,5 mm	Bore diameter housing washer
d ₁	267,4 mm	Rip diameter shaft washer
r _{min}	4 mm	Minimum chamfer dimension
T ₁	43,4 mm	Height of the housing washer
T ₃	58 mm	Height of the shaft washer
T ₅	80,5 mm	Distance shaft washer - cage
A	92 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