

FAG

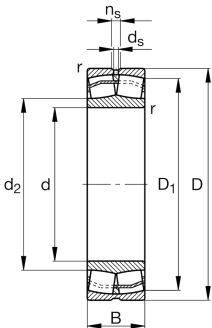
22324-E1-XL-H40-C3

Spherical Roller Bearing

Spherical roller bearing 223...-E1-XL-H40, symmetric with cage guidance ring

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1	Without central rip
Bore type	Z	Cylindrical
Cage	JPA	Sheet metal cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication feature	H40	Without lubricating groove and holes

Main Dimensions & Performance Data

d	120 mm	Bore diameter
D	260 mm	Outside diameter
B	86 mm	Width
C _r	1.080.000 N	Basic dynamic load rating, radial
C _{0r}	1.170.000 N	Basic static load rating, radial
C _{ur}	105.000 N	Fatigue load limit, radial
n _G	2.850 1/min	Limiting speed
n _{gr}	2.000 1/min	Reference speed
≈m	22,258 kg	Masa



Mounting dimensions

$d_{a\ min}$	134 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	246 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	2,5 mm	Maximum recess radius

Dimensions

$r_{\ min}$	3 mm	Minimum chamfer dimension
D_1	222,4 mm	Bore diameter outer ring
d_2	150,8 mm	Raceway diameter of the inner ring

Temperature range

$T_{\ min}$	-30 °C	Operating temperature min.
$T_{\ max}$	200 °C	Operating temperature max.

Calculation factors

e	0,33	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,06	Dynamic axial load factor
Y_2	3,06	Dynamic axial load factor
Y_0	2,01	Static axial load factor

Właściwości

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