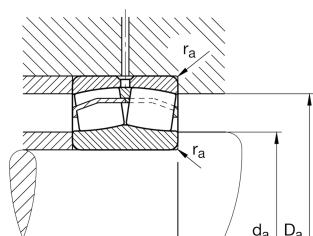
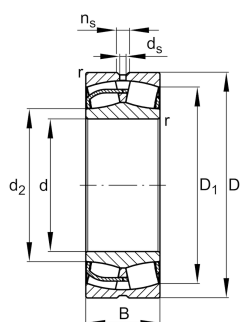


**FAG****23140-BE-XL-C2**

Spherical Roller Bearing

Spherical roller bearing 231...-BE-XL,
symmetric with rib washer**X-life**

Informacje techniczne



Twoja aktualna wersja produktu

Design	BE	With lose center lip ring
Bore type	Z	Cylindrical
Cage	JPB	Sheet metal cage
Radial internal clearance	C2 (Group 2)	Internal clearance smaller than CN
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	200 mm	Bore diameter
D	340 mm	Outside diameter
B	112 mm	Width
C _r	1.610.000 N	Basic dynamic load rating, radial
C _{0r}	2.270.000 N	Basic static load rating, radial
C _{ur}	193.000 N	Fatigue load limit, radial
n _G	2.040 1/min	Limiting speed
n _{gr}	1.230 1/min	Reference speed
≈m	40,32 kg	Masa

Mounting dimensions

d _{a min}	214 mm	Minimum diameter shaft shoulder
D _{a max}	326 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	295,8 mm	Bore diameter outer ring
d_2	230,4 mm	Raceway diameter of the inner ring
d_s	9,5 mm	Diameter lubrication hole
n_s	17,7 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,32	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,1	Dynamic axial load factor
Y_2	3,13	Dynamic axial load factor
Y_0	2,06	Static axial load factor

Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



łożysko gabarytowe



Nieosiowość statyczna



Nieosiowość dynamiczna