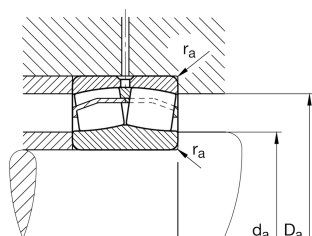
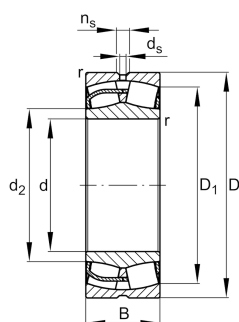


**FAG****24138-BE-XL-C3**

Spherical Roller Bearing

Spherical roller bearing 241...-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	C3 (Group 3)	Internal clearance larger than CN
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	190 mm	Bore diameter
D	320 mm	Outside diameter
B	128 mm	Width
C_r	1.680.000 N	Basic dynamic load rating, radial
C_{0r}	2.550.000 N	Basic static load rating, radial
C_{ur}	232.000 N	Fatigue load limit, radial
n_G	1.850 1/min	Limiting speed
n_{gr}	880 1/min	Reference speed
$\approx m$	41,5 kg	Masa

Mounting dimensions

$d_{a \min}$	204 mm	Minimum diameter shaft shoulder
$D_{a \max}$	306 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	271,6 mm	Bore diameter outer ring
d ₂	217,4 mm	Raceway diameter of the inner ring
d _s	6,3 mm	Diameter lubrication hole
n _s	12,2 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,37	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	1,82	Dynamic axial load factor
Y ₂	2,7	Dynamic axial load factor
Y ₀	1,78	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