





FAG

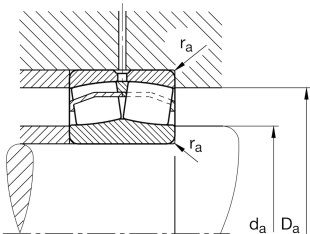
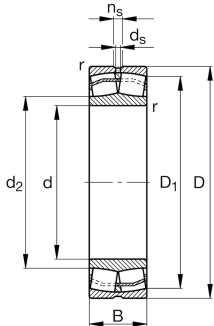
22338-BE-XL-JPA-T41A

Spherical Roller Bearing

Spherical roller bearings 223...-E1-T41A,
For oscillating load with restricted diameter
tolerances

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	BE	With lose center lip ring
Bore type	Z	Cylindrical
Cage	JPA	Sheet metal cage
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Relubrication	Standard	
Spherical roller bearing for vibrating screens	T41A	For vibrating screens

Main Dimensions & Performance Data

d	190 mm	Bore diameter
D	400 mm	Outside diameter
B	132 mm	Width
C _r	2.220.000 N	Basic dynamic load rating, radial
C _{0r}	2.650.000 N	Basic static load rating, radial
C _{ur}	213.000 N	Fatigue load limit, radial
n _G	1.940 1/min	Limiting speed
n _{gr}	1.160 1/min	Reference speed
≈m	79,455 kg	Masa



Mounting dimensions

d _{a min}	210 mm	Minimum diameter shaft shoulder
D _{a max}	380 mm	Maximum diameter of housing shoulder
r _{a max}	4 mm	Maximum recess radius

Dimensions

r _{min}	5 mm	Minimum chamfer dimension
D ₁	338,1 mm	Bore diameter outer ring
d ₂	236,8 mm	Raceway diameter of the inner ring
d _s	12,5 mm	Diameter lubrication hole
n _s	23,5 mm	Width of lubricating groove

Temperature range

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

Calculation factors

e	0,34	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	1,96	Dynamic axial load factor
Y ₂	2,92	Dynamic axial load factor
Y ₀	1,92	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