

FAG

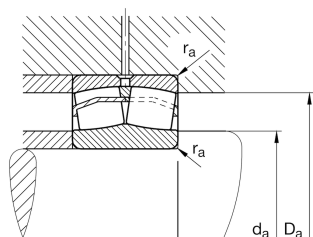
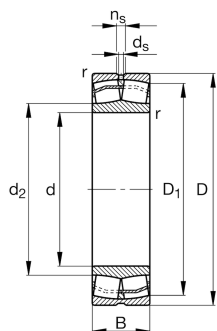
X-life

22344-BE-XL-JPA-T41A [🔗](#)

Spherical Roller Bearing

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

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 feature	Standard	
Spherical roller bearing for vibrating screens	T41A	For vibrating screens

Main Dimensions & Performance Data

d	220 mm	Bore diameter
D	460 mm	Outside diameter
B	145 mm	Width
C _r	2.800.000 N	Basic dynamic load rating, radial
C _{0r}	3.400.000 N	Basic static load rating, radial
C _{ur}	270.000 N	Fatigue load limit, radial
n _G	1.690 1/min	Limiting speed
n _{gr}	950 1/min	Reference speed
≈m	115,46 kg	Masa



Mounting dimensions

$d_{a\ min}$	240 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	440 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	4 mm	Maximum recess radius

Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
D_1	391,1 mm	Bore diameter outer ring
d_2	273,4 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	0,33	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
-  Łożysko gabarytowe
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna