

FAG

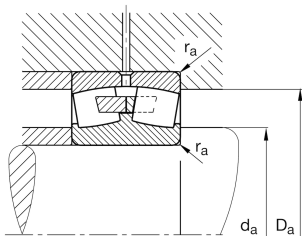
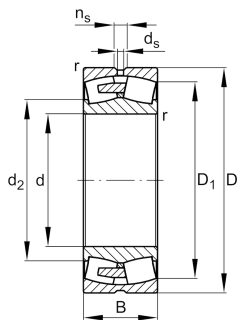
22340-BEA-XL-MA1-T41A

Spherical Roller Bearing

Spherical roller bearing 223...-BEA-XL-MA1-T41A, symmetric 2 outer ribs with rib washer

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	BEA	With lose center lip ring
Bore type	Z	Cylindrical
Cage	MA	Solid brass cage
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	Standard	
Locating feature, bearing outer ring	Without	
Handling thread holes	Without	
Special material	Standard	
Spherical roller bearing for vibrating screens	T41A	For vibrating screens

Main Dimensions & Performance Data

d	200 mm	Bore diameter
D	420 mm	Outside diameter
B	138 mm	Width
C _r	2.440.000 N	Basic dynamic load rating, radial
C _{0r}	2.950.000 N	Basic static load rating, radial
C _{ur}	22.500 N	Fatigue load limit, radial
n _G	1.830 1/min	Limiting speed
n _{gr}	1.080 1/min	Reference speed
≈m	94,485 kg	Masa



Mounting dimensions

$d_{a\ min}$	220 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	400 mm	
$r_{a\ max}$	4 mm	Maximum recess radius

Dimensions

$r_{\min}$	5 mm	Minimum chamfer dimension
D_1	355,1 mm	Bore diameter outer 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	
Y_1	1,98	Dynamic axial load factor
Y_2	2,94	Dynamic axial load factor
Y_0	1,93	Static axial load factor



Właściwości



Obciążenie promieniowe



Obciążenie osiowe jednokierunkowe



Obciążenie osiowe dwukierunkowe



Smarowanie smarem



Smarowanie olejem



Bez uszczelnienia



Nieosiowość statyczna



Nieosiowość dynamiczna