



FAG

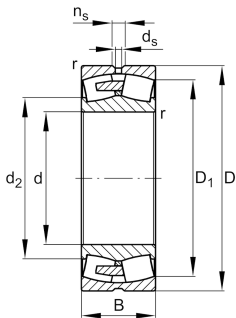
22338-BEA-XL-MA1-T41A

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	MA1	Solid brass cage
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Relubrication	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	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}	207.000 N	Fatigue load limit, radial
n _G	1.940 1/min	Limiting speed
n _{gr}	1.160 1/min	Reference speed
≈m	81,605 kg	Masa



Mounting dimensions

d _{a min}	210 mm	Minimum diameter shaft shoulder
D _{a max}	380 mm	
r _{a max}	4 mm	Maximum recess radius
d _{a max}	228 mm	
d _{b min}	206 mm	Minimum cavity diameter of the sleeve
B _{a min}	9 mm	Minimum cavity width of the sleeve

Dimensions

r _{min}	5 mm	Minimum chamfer dimension
D ₁	338,1 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	1,96	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
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna