



FAG

22328-E1-XL-T41D

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	E1	Without central rip
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	T41D	For vibrating screens, bore thin layer chromium coated

Main Dimensions & Performance Data

d	140 mm	Bore diameter
D	300 mm	Outside diameter
B	102 mm	Width
C _r	1.460.000 N	Basic dynamic load rating, radial
C _{0r}	1.630.000 N	Basic static load rating, radial
C _{ur}	135.000 N	Fatigue load limit, radial
n _G	2.420 1/min	Limiting speed
n _{gr}	1.660 1/min	Reference speed
≈m	35,1 kg	Masa



Mounting dimensions

d _{a min}	157 mm	Minimum diameter shaft shoulder
D _{a max}	283 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius

Dimensions

r _{min}	4 mm	Minimum chamfer dimension
D ₁	255,7 mm	Bore diameter outer ring
d ₂	173,5 mm	Raceway diameter of the inner ring
d _s	9,5 mm	Diameter lubrication hole
n _s	17,7 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	2	Dynamic axial load factor
Y ₂	2,98	Dynamic axial load factor
Y ₀	1,96	Static axial load factor