



FAG

22330-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	150 mm	Bore diameter
D	320 mm	Outside diameter
B	108 mm	Width
C _r	1.640.000 N	Basic dynamic load rating, radial
C _{0r}	1.850.000 N	Basic static load rating, radial
C _{ur}	151.000 N	Fatigue load limit, radial
n _G	2.290 1/min	Limiting speed
n _{gr}	1.520 1/min	Reference speed
≈m	41,28 kg	Masa



Mounting dimensions

$d_{a\ min}$	167 mm	Minimum diameter shaft shoulder
$D_{a\ max}$	303 mm	Maximum diameter of housing shoulder
$r_{a\ max}$	3 mm	Maximum recess radius

Dimensions

$r_{\min}$	4 mm	Minimum chamfer dimension
D_1	273,2 mm	Bore diameter outer ring
d_2	185,3 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	0,33	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,02	Dynamic axial load factor
Y_2	3	Dynamic axial load factor
Y_0	1,97	Static axial load factor

Właściwości



Łożysko gabarytowe