

FAG

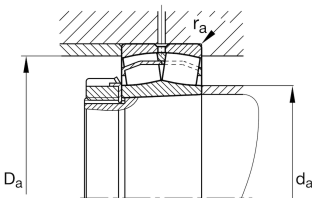
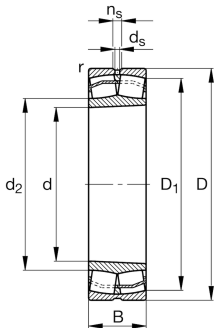
22328-E1-XL-K-T41A

Spherical Roller Bearing

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

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1	Without central rip
Bore type	K	Tapered, taper 1:12
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	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	32,93 kg	Masa



Mounting dimensions

d _{a min}	157 mm	Minimum diameter shaft shoulder
d _{a max}	169 mm	Maximum diameter of shaft shoulder
D _{a max}	283 mm	Maximum diameter of housing shoulder
r _{a max}	3 mm	Maximum recess radius
d _{b min}	152 mm	Minimum cavity diameter of the sleeve
B _{a min}	8 mm	Minimum cavity width of the sleeve

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

Additional information

H2328	Adapter sleeve
AHX2328G	Withdrawal sleeve



Właściwości

-  Obciążenie promieniowe
-  Obciążenie osiowe jednokierunkowe
-  Obciążenie osiowe dwukierunkowe
-  Smarowanie smarem
-  Smarowanie olejem
-  Bez uszczelnienia
-  Nieosiowość statyczna
-  Nieosiowość dynamiczna