



FAG

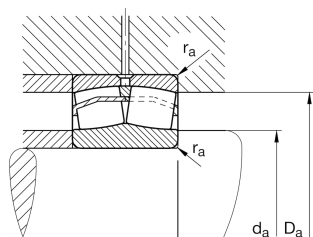
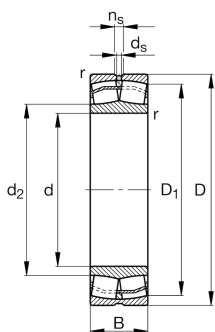
21322-E1-XL-TVPB-C3

Spherical Roller Bearing

Spherical roller bearings 213...E1, main dimensions to DIN 635-2

X-life

Informacje techniczne



Twoja aktualna wersja produktu

Design	E1	Without central rip
Bore type	Z	Cylindrical
Cage	TVPB	Plastic cage
Radial internal clearance	C3 (Group 3)	Internal clearance larger than CN
Relubrication	Standard	

Main Dimensions & Performance Data

d	110 mm	Bore diameter
D	240 mm	Outside diameter
B	50 mm	Width
C _r	600.000 N	Basic dynamic load rating, radial
C _{0r}	640.000 N	Basic static load rating, radial
C _{ur}	70.000 N	Fatigue load limit, radial
n _G	4.000 1/min	Limiting speed
n _{gr}	2.700 1/min	Reference speed
≈m	10,793 kg	Masa

Mounting dimensions

d _{a min}	124 mm	Minimum diameter shaft shoulder
D _{a max}	226 mm	Maximum diameter of housing shoulder
r _{a max}	2,5 mm	Maximum recess radius



Dimensions

r _{min}	3 mm	Minimum chamfer dimension
D ₁	202,5 mm	Bore diameter outer ring
d ₂	146,4 mm	Raceway diameter of the inner ring
d _s	6,3 mm	Diameter lubrication hole
n _s	12,2 mm	Width of lubricating groove

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Calculation factors

e	0,21	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	3,24	Dynamic axial load factor
Y ₂	4,82	Dynamic axial load factor
Y ₀	3,16	Static axial load factor

Właściwości

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