

FAG

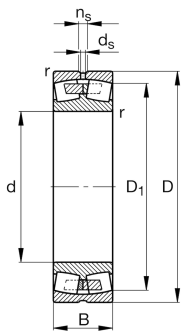
23228-E1A-XL-M-C4

Spherical Roller Bearing

Spherical roller bearings 232...-E1A, main dimensions to DIN 635-2

X-life

Informacje techniczne



Twoja aktualna wersja produktu

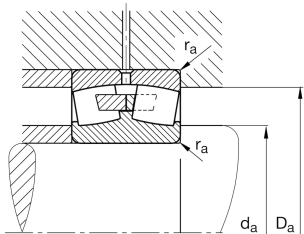
Design	E1A	Without central rip
Bore type	Z	Cylindrical
Cage	M	Brass Cage
Radial internal clearance	C4 (Group 4)	Internal clearance larger than C3
Relubrication feature	Standard	

Main Dimensions & Performance Data

d	140 mm	Bore diameter
D	250 mm	Outside diameter
B	88 mm	Width
C _r	1.090.000 N	Basic dynamic load rating, radial
C _{0r}	1.400.000 N	Basic static load rating, radial
C _{ur}	116.000 N	Fatigue load limit, radial
n _G	2.600 1/min	Limiting speed
n _{gr}	1.550 1/min	Reference speed
≈m	18,359 kg	Masa

Mounting dimensions

d _{a min}	154 mm	Minimum diameter shaft shoulder
D _{a max}	236 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	216 mm	Bore diameter outer 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}	200 °C	Operating temperature max.

Calculation factors

e	0,33	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,04	Dynamic axial load factor
Y ₂	3,04	Dynamic axial load factor
Y ₀	2	Static axial load factor

Właściwości

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