

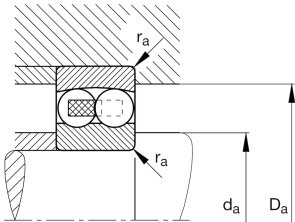
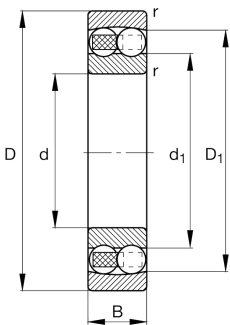
FAG

2216-TVH

Self-aligning ball bearing

Self-aligning ball bearing 22...TVH, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Bore type	Z	Cylindrical
Type of Seal	Without	Not sealed
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66
Tolerance class	PN	Normal (ISO 492:2023)
Radial internal clearance	CN (Group N)	Normal internal clearance
Lubricant	Without	Bearing not greased

Main Dimensions & Performance Data

d	80 mm	Bore diameter
D	140 mm	Outside diameter
B	33 mm	Width
C _r	49.500 N	Basic dynamic load rating, radial
C _{0r}	19.900 N	Basic static load rating, radial
C _{ur}	1.210 N	Fatigue load limit, radial
n _G	5.300 1/min	Limiting speed
n _{gr}	5.400 1/min	Reference speed
≈m	2,01 kg	Masa

Mounting dimensions

d _{a min}	91 mm	Minimum diameter shaft shoulder
D _{a max}	129 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum fillet radius



Dimensions

r _{min}	2 mm	Minimum chamfer dimension
D ₁	120,97 mm	Shoulder diameter outer ring
d ₁	99,2 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

e	0,25	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,48	Dynamic axial load factor
Y ₂	3,84	Dynamic axial load factor
Y ₀	2,6	Static axial load factor

Właściwości

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