

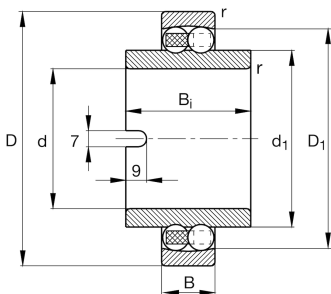
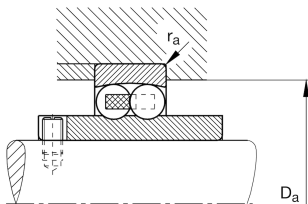
FAG

11209-TVH>J

Self-aligning ball bearing

Self-aligning ball bearing 112...-TVH, plastic cage

Informacje techniczne



Twoja aktualna wersja produktu

Version code	>J	Not marked on bearing
Cage	TVH	Solid cage made of glass-fiber reinforced polyamide PA66

Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	85 mm	Outside diameter
B	58 mm	Total width
B _C	19 mm	Width, outer ring
B _i	58 mm	Width, inner ring
C _r	22.000 N	Basic dynamic load rating, radial
C _{0r}	7.300 N	Basic static load rating, radial
C _{ur}	465 N	Fatigue load limit, radial
n _G	9.300 1/min	Limiting speed
n _{gr}	8.200 1/min	Reference speed
m	0,77 kg	Masa

Mounting dimensions

D _{a max}	78 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximaler Hohlkehlradius



Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	72,11 mm	Shoulder diameter outer ring
d ₁	57,7 mm	Shoulder diameter inner ring
b	7 mm	Width retaining slot
t	9 mm	Hight retaining slot

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	3,03	Dynamic axial load factor
Y ₂	4,68	Dynamic axial load factor
Y ₀	3,17	Static axial load factor

Właściwości

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