

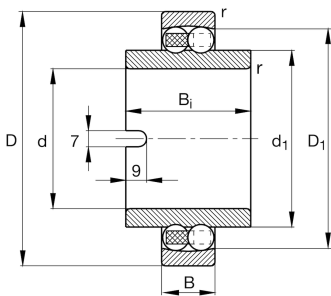
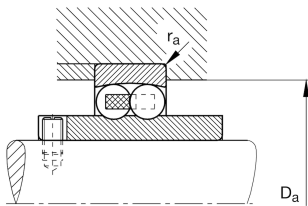
FAG

11210-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	50 mm	Bore diameter
D	90 mm	Outside diameter
B	58 mm	Total width
B _C	20 mm	Width, outer ring
B _i	58 mm	Width, inner ring
C _r	22.900 N	Basic dynamic load rating, radial
C _{0r}	8.100 N	Basic static load rating, radial
C _{ur}	520 N	Fatigue load limit, radial
n _G	8.700 1/min	Limiting speed
n _{gr}	7.700 1/min	Reference speed
m	0,85 kg	Masa

Mounting dimensions

D _{a max}	83 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximaler Hohlkehlradius



Dimensions

r_{min}	1,1 mm	Minimum chamfer dimension
$D_1 \approx$	77,13 mm	Shoulder diameter outer ring
$d_1 \approx$	62,7 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	0,2	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	3,15	Dynamic axial load factor
Y_2	4,87	Dynamic axial load factor
Y_0	3,3	Static axial load factor

Właściwości

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