

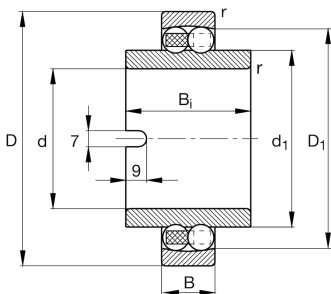
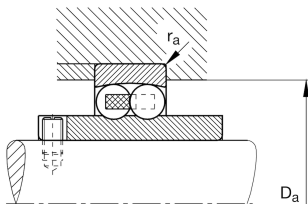
FAG

11204-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	20 mm	Bore diameter
D	47 mm	Outside diameter
B	40 mm	Total width
B _C	14 mm	Width, outer ring
B _i	40 mm	Width, inner ring
C _r	10.100 N	Basic dynamic load rating, radial
C _{0r}	2.600 N	Basic static load rating, radial
C _{ur}	166 N	Fatigue load limit, radial
n _G	18.100 1/min	Limiting speed
n _{gr}	15.300 1/min	Reference speed
m	0,186 kg	Masa

Mounting dimensions

D _{a max}	41,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximaler Hohlkehlradius



Dimensions

r_{min}	1 mm	Minimum chamfer dimension
$D_1 \approx$	37,75 mm	Shoulder diameter outer ring
$d_1 \approx$	29,2 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	0,28	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,24	Dynamic axial load factor
Y_2	3,47	Dynamic axial load factor
Y_0	2,35	Static axial load factor

Właściwości

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