

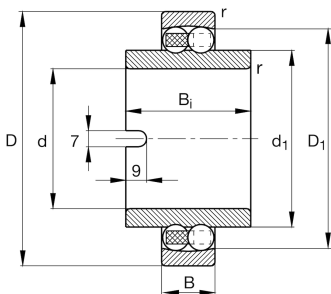
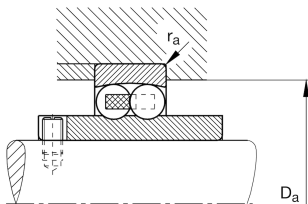
FAG

11208-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	40 mm	Bore diameter
D	80 mm	Outside diameter
B	56 mm	Total width
B _C	18 mm	Width, outer ring
B _i	56 mm	Width, inner ring
C _r	19.400 N	Basic dynamic load rating, radial
C _{0r}	6.500 N	Basic static load rating, radial
C _{ur}	415 N	Fatigue load limit, radial
n _G	10.100 1/min	Limiting speed
n _{gr}	8.600 1/min	Reference speed
m	0,72 kg	Masa

Mounting dimensions

D _{a max}	73 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximaler Hohlkehlradius



Dimensions

$r_{\min}$	1,1 mm	Minimum chamfer dimension
D_1	67,3 mm	Shoulder diameter outer ring
d_1	54 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	0,22	Limiting value of F_a/F_r for the applicability of diff. Values of factors X and Y
Y_1	2,91	Dynamic axial load factor
Y_2	4,51	Dynamic axial load factor
Y_0	3,05	Static axial load factor

Właściwości

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