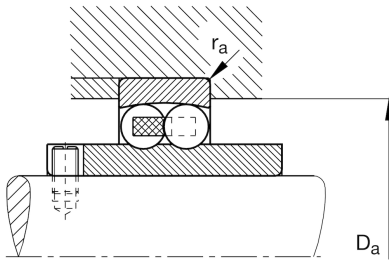
**FAG****11208-TVH**

Self-aligning ball bearing

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

Technical information



Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	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	0,736 kg	Weight

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.



[View product details on medias](#)

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Calculation factors

e	0,22	Limiting value of Fa/Fr 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