

FAG**11207-TVH**

Self-aligning ball bearing

Schaeffler ID:
0167001550000

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

Technical information

Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	17 mm	Width, outer ring
B _i	52 mm	Width, inner ring
r _{min}	1,1 mm	Minimum chamfer dimension
C _r	16.000 N	Basic dynamic load rating, radial
C _{0r}	5.100 N	Basic static load rating, radial
C _{ur}	325 N	Fatigue load limit, radial
n _G	11.600 1/min	Limiting speed
n _{gr}	9.800 1/min	Reference speed
	0,54 kg	Weight

Dimensions

D ₁	59,1 mm	Shoulder diameter outer ring
d ₁	47,7 mm	Shoulder diameter inner ring
b	7 mm	Width retaining slot
t	9 mm	Height retaining slot

Mounting dimensions

D _{a max}	65 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximaler Hohlkehlradius

Calculation factors

e	0,22	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,81	Dynamic axial load factor
Y ₂	4,35	Dynamic axial load factor
Y ₀	2,94	Static axial load factor