



FAG

★ 11206-TVH

Self-aligning ball bearing

Schaeffler ID:
0167001470000

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

★ Preferred product

Technical information

Main Dimensions & Performance Data

d	30 mm	Bore diameter
D	62 mm	Outside diameter
B	16 mm	Width, outer ring
B _i	48 mm	Width, inner ring
r _{min}	1 mm	Minimum chamfer dimension
C _r	15.900 N	Basic dynamic load rating, radial
C _{0r}	4.650 N	Basic static load rating, radial
C _{ur}	295 N	Fatigue load limit, radial
n _G	13.100 1/min	Limiting speed
n _{gr}	11.400 1/min	Reference speed
	0,37 kg	Weight

Dimensions

D ₁	51,6 mm	Shoulder diameter outer ring
d ₁	40,1 mm	Shoulder diameter inner ring
b	7 mm	Width retaining slot
t	9 mm	Height retaining slot

Mounting dimensions

D _{a max}	56,4 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximaler Hohlkehlradius

Calculation factors

e	0,25	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,54	Dynamic axial load factor
Y ₂	3,93	Dynamic axial load factor
Y ₀	2,66	Static axial load factor

