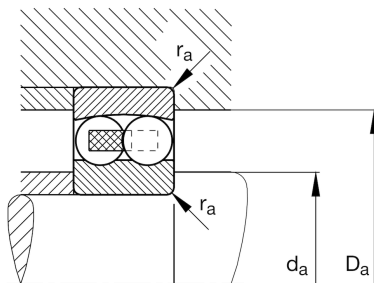
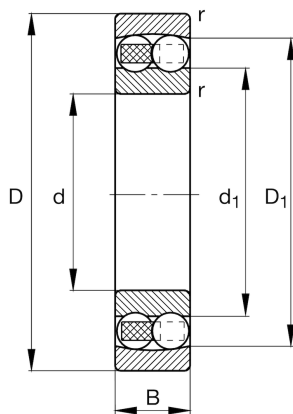
**FAG****1311-TVH**

Self-aligning ball bearing

Self-aligning ball bearing 13..-TVH, plastic cage

Technical information



Main Dimensions & Performance Data

d	55 mm	Bore diameter
D	120 mm	Outside diameter
B	29 mm	Width
C _r	52.000 N	Basic dynamic load rating, radial
C _{0r}	17.900 N	Basic static load rating, radial
C _{ur}	1.130 N	Fatigue load limit, radial
n _G	6.100 1/min	Limiting speed
n _{gr}	5.800 1/min	Reference speed
≈m	1,557 kg	Weight

Mounting dimensions

d _{a min}	66 mm	Minimum diameter shaft shoulder
D _{a max}	109 mm	Maximum diameter of housing shoulder
r _{a max}	2 mm	Maximum fillet radius

Dimensions

r _{min}	2 mm	Minimum chamfer dimension
D ₁	101,04 mm	Shoulder diameter outer ring
d ₁	78 mm	Shoulder diameter inner ring

Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.

Calculation factors

e	0,24	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,65	Dynamic axial load factor
Y ₂	4,1	Dynamic axial load factor
Y ₀	2,78	Static axial load factor