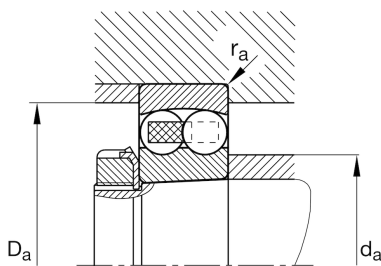
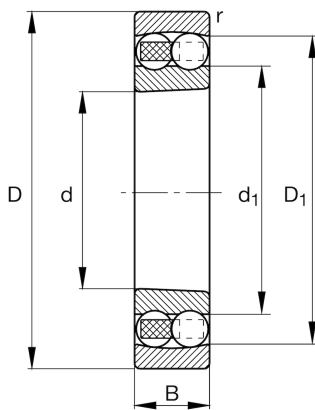


**FAG****2213-K-TVH-C3** [🔗](#)

Self-aligning ball bearing

Self-aligning ball bearing 22..-K-TVH, tapered bore taper 1:12, plastic cage

Technical information



Main Dimensions & Performance Data

d	65 mm	Bore diameter
D	120 mm	Outside diameter
B	31 mm	Width
C _r	58.000 N	Basic dynamic load rating, radial
C _{0r}	19.200 N	Basic static load rating, radial
C _{ur}	1.220 N	Fatigue load limit, radial
n _G	5.600 1/min	Limiting speed
n _{gr}	6.200 1/min	Reference speed
≈m	1,32 kg	Weight

Mounting dimensions

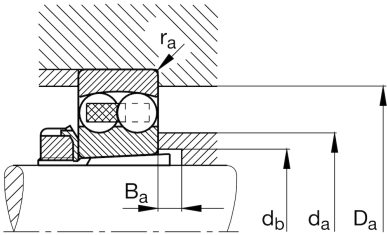
d _{a min}	74 mm	Minimum diameter shaft shoulder
d _{a max}	79 mm	Maximum diameter shaft shoulder
D _{a max}	111 mm	Maximum diameter of housing shoulder
d _{b min}	70 mm	Minimum cavity diameter of the sleeve
B _{a min}	8 mm	Minimum cavity width of the sleeve
r _{a max}	1,5 mm	Maximum fillet radius

Dimensions

r _{min}	1,5 mm	Minimum chamfer dimension
D ₁	106,88 mm	Shoulder diameter outer ring
d ₁	82,4 mm	Shoulder diameter inner ring

Temperature range

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



Calculation factors

e	0,23	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2,78	Dynamic axial load factor
Y ₂	4,3	Dynamic axial load factor
Y ₀	2,91	Static axial load factor

Additional information

H313	Adapter sleeve
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