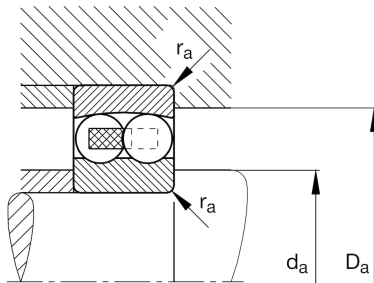
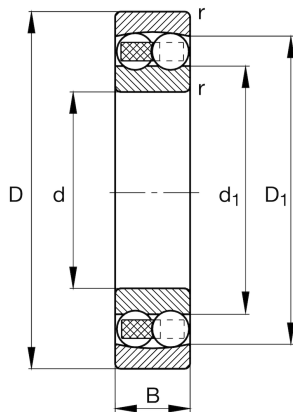


**FAG****2312-TVH-C3** [↗](#)

Self-aligning ball bearing

Self-aligning ball bearing 23...TVH, plastic cage

Technical information



Main Dimensions & Performance Data

d	60 mm	Bore diameter
D	130 mm	Outside diameter
B	46 mm	Width
C _r	89.000 N	Basic dynamic load rating, radial
C _{0r}	28.000 N	Basic static load rating, radial
C _{ur}	1.790 N	Fatigue load limit, radial
n _G	5.200 1/min	Limiting speed
n _{gr}	6.700 1/min	Reference speed
≈m	2,53 kg	Weight

Mounting dimensions

d _{a min}	72 mm	Minimum diameter shaft shoulder
D _{a max}	118 mm	Maximum diameter of housing shoulder
r _{a max}	2,1 mm	Maximum fillet radius

Dimensions

r _{min}	2,1 mm	Minimum chamfer dimension
D ₁	108,54 mm	Shoulder diameter outer ring
d ₁	76,95 mm	Shoulder diameter inner ring

Temperature range

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

Calculation factors

e	0,41	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	1,55	Dynamic axial load factor
Y ₂	2,39	Dynamic axial load factor
Y ₀	1,62	Static axial load factor