

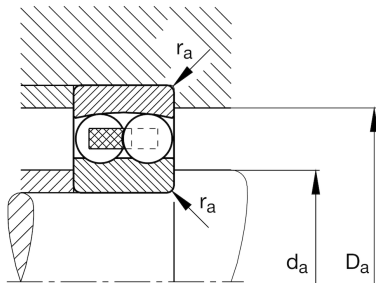
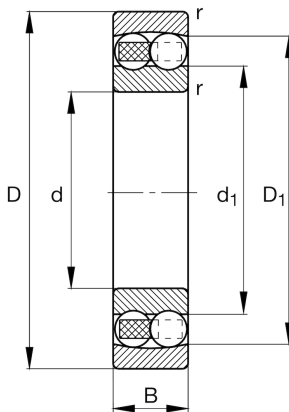
FAG★ **2203-TVH**

Self-aligning ball bearing

Schaeffler ID:
0167026700000Self-aligning ball bearing 22...-TVH, plastic
cage

★ Preferred product

Technical information



Temperature range

T _{min}	-30 °C	Operating temperature min.
T _{max}	120 °C	Operating temperature max.
	0,087 kg	Weight

Main Dimensions & Performance Data

d	17 mm	Bore diameter
D	40 mm	Outside diameter
B	16 mm	Width
r _{min}	0,6 mm	Minimum chamfer dimension
C _r	11.800 N	Basic dynamic load rating, radial
C _{0r}	2.750 N	Basic static load rating, radial
C _{ur}	176 N	Fatigue load limit, radial
n _G	19.100 1/min	Limiting speed
n _{gr}	17.400 1/min	Reference speed

Dimensions

D ₁	33,9 mm	Shoulder diameter outer ring
d ₁	23,9 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	21,2 mm	Minimum diameter shaft shoulder
D _{a max}	35,8 mm	Maximum diameter of housing shoulder
r _{a max}	0,6 mm	Maximum fillet radius

Calculation factors

e	0,46	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	1,37	Dynamic axial load factor
Y ₂	2,11	Dynamic axial load factor
Y ₀	1,43	Static axial load factor