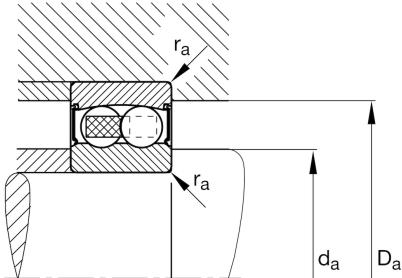
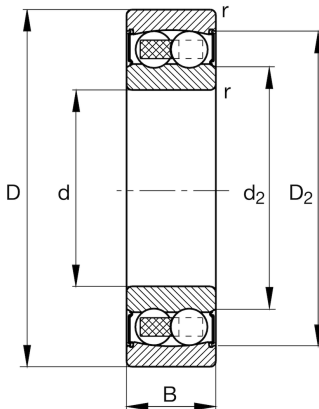
**FAG****2209-2RS-TVH**

Self-aligning ball bearing

Self-aligning ball bearing 22...-2RS-TVH,
seals, plastic cage

Technical information



Main Dimensions & Performance Data

d	45 mm	Bore diameter
D	85 mm	Outside diameter
B	23 mm	Width
C _r	22.000 N	Basic dynamic load rating, radial
C _{0r}	7.300 N	Basic static load rating, radial
C _{ur}	465 N	Fatigue load limit, radial
n _G	4.900 1/min	Limiting speed
≈m	0,527 kg	Weight

Mounting dimensions

d _{a min}	52 mm	Minimum diameter shaft shoulder
D _{a max}	78 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	72,259 mm	Shoulder diameter outer ring
D ₂	75,98 mm	Caliber diameter outer ring
d ₁	57,7 mm	Shoulder diameter inner ring
d ₂	53,8 mm	Caliber diameter inner ring

Temperature range

T _{min}	-20 °C	Operating temperature min.
T _{max}	100 °C	Operating temperature max.

Calculation factors

e	0,21	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	3,03	Dynamic axial load factor
Y ₂	4,68	Dynamic axial load factor
Y ₀	3,17	Static axial load factor