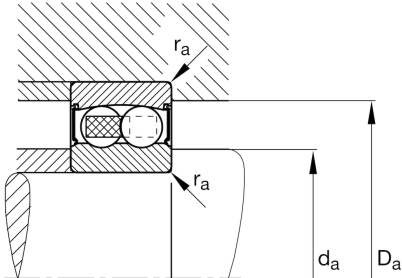
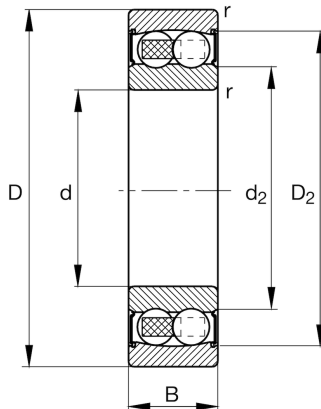
**FAG****2208-2RS-TVH**

Self-aligning ball bearing

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

Technical information



Main Dimensions & Performance Data

d	40 mm	Bore diameter
D	80 mm	Outside diameter
B	23 mm	Width
C _r	19,400 N	Basic dynamic load rating, radial
C _{0r}	6,500 N	Basic static load rating, radial
C _{ur}	415 N	Fatigue load limit, radial
n _G	5,400 1/min	Limiting speed
≈m	0.502 kg	Weight

Mounting dimensions

d _{a min}	47 mm	Minimum diameter shaft shoulder
D _{a max}	73 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	67.3 mm	Shoulder diameter outer ring
D ₂	70.34 mm	Caliber diameter outer ring
d ₁	54 mm	Shoulder diameter inner ring
d ₂	49.22 mm	Caliber diameter inner ring

Temperature range

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

Calculation factors

e	0.22	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	2.91	Dynamic axial load factor
Y ₂	4.51	Dynamic axial load factor
Y ₀	3.05	Static axial load factor