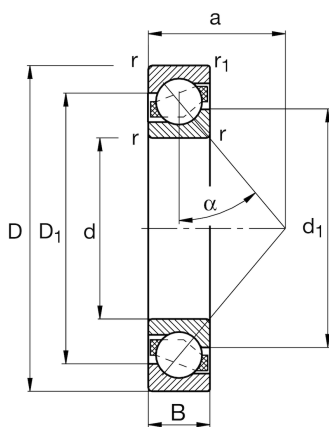
**FAG 7207-B-XL-TVP**

Angular contact ball bearing

Schaeffler ID:
0167251310000Angular contact ball bearing 72..-B-XL-
TVP, single row, X-life, plastic cage

Technical information

**Main Dimensions & Performance Data**

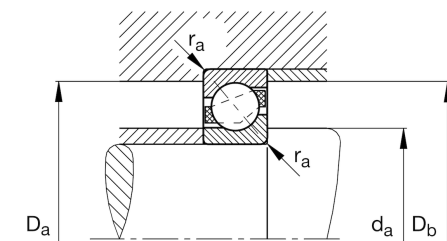
d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	17 mm	Width
C _r	30.000 N	Basic dynamic load rating, radial
C _{0r}	19.000 N	Basic static load rating, radial
C _{ur}	1.320 N	Fatigue load limit, radial
n _G	13.400 1/min	Limiting speed
n _{gr}	9.600 1/min	Reference speed
	0,282 kg	Weight

Mounting dimensions

d _{a min}	42 mm	Minimum diameter of shaft shoulder
D _{a max}	65 mm	Maximum diameter of housing shoulder
D _{b max}	67,8 mm	Maximum diameter of housing shoulder
r _{a max}	1 mm	Maximum fillet radius of shaft
r _{a1 max}	0,6 mm	Maximum fillet radius of housing

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
r _{1 min}	0,6 mm	Minimum chamfer dimension
D ₁	57,6 mm	Shoulder diameter on outer ring wide side face
d ₁	50,2 mm	Shoulder diameter on inner ring wide side face
a	31 mm	Distance between the apexes of the pressure cones
α	40 °	Contact angle



Temperature range

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