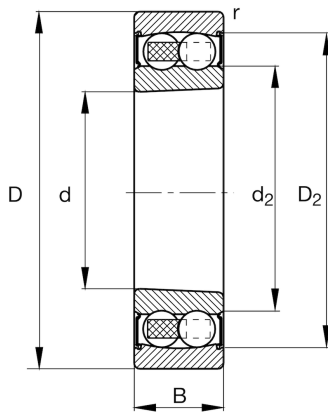
**FAG****2207-K-2RS-TVH-C3**

Self-aligning ball bearing

Self-aligning ball bearing 22..-K-2RS-TVH,
tapered bore taper 1:12, seals, plastic cage

Technical information



Main Dimensions & Performance Data

d	35 mm	Bore diameter
D	72 mm	Outside diameter
B	23 mm	Width
C _r	16.000 N	Basic dynamic load rating, radial
C _{0r}	5.100 N	Basic static load rating, radial
C _{ur}	325 N	Fatigue load limit, radial
n _G	6.000 1/min	Limiting speed
≈m	0,398 kg	Weight

Mounting dimensions

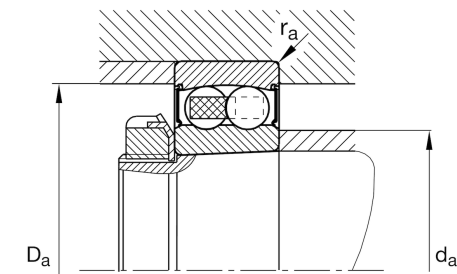
d _{a min}	42 mm	Minimum diameter shaft shoulder
d _{a max}	45 mm	Maximum diameter shaft shoulder
D _{a max}	65 mm	Maximum diameter of housing shoulder
d _{b min}	39 mm	Minimum cavity diameter of the sleeve
B _{a min}	5 mm	Minimum cavity width of the sleeve
r _{a max}	1 mm	Maximum fillet radius

Dimensions

r _{min}	1,1 mm	Minimum chamfer dimension
D ₁	59,08 mm	Shoulder diameter outer ring
D ₂	63,35 mm	Caliber diameter outer ring
d ₁	47,7 mm	Shoulder diameter inner ring
d ₂	43,5 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	2,81	Dynamic axial load factor
Y ₂	4,35	Dynamic axial load factor
Y ₀	2,94	Static axial load factor

Additional information

H307	Adapter sleeve
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