

FAG

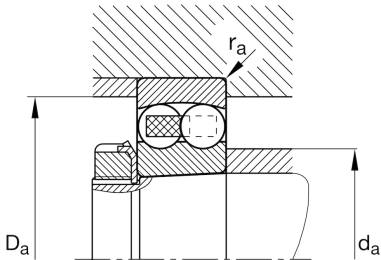
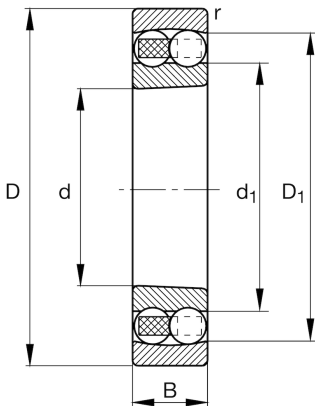
1217-K-TVH-C3

Self-aligning ball bearing

Schaeffler ID:
0389033260030

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

Technické informace



Main Dimensions & Performance Data

d	85 mm	Bore diameter
D	150 mm	Outside diameter
B	28 mm	Width
C _r	49 500 N	Basic dynamic load rating, radial
C _{0r}	20 800 N	Basic static load rating, radial
C _{ur}	1 210 N	Fatigue load limit, radial
n _G	4 900 1/min	Limiting speed
n _{gr}	4 950 1/min	Reference speed
	1,989 kg	Hmotnost

Dimensions

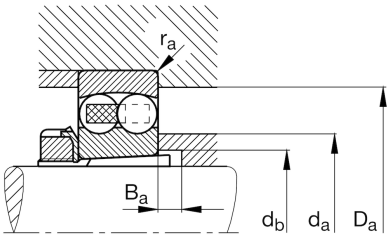
r _{min}	2 mm	Minimum chamfer dimension
D ₁	130,4 mm	Shoulder diameter outer ring
d ₁	107,5 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	96 mm	Minimum diameter shaft shoulder
d _{a max}	105 mm	Maximum diameter shaft shoulder
D _{a max}	139 mm	Maximum diameter of housing shoulder
d _{b min}	90 mm	Minimum cavity diameter of the sleeve
B _{a min}	6 mm	Minimum cavity width of the sleeve
r _{a max}	2 mm	Maximum fillet radius

Temperature range

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



Calculation factors

e	0,17	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
Y ₁	3,74	Dynamic axial load factor
Y ₂	5,79	Dynamic axial load factor
Y ₀	3,92	Static axial load factor

Additional information

H217	Adapter sleeve
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