

FAG

★ 1315-K-M-C3

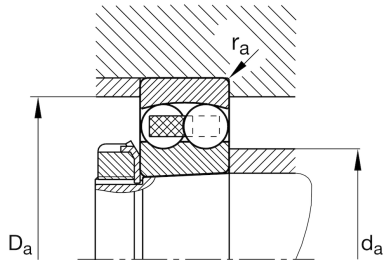
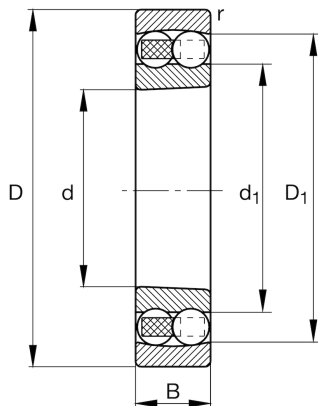
Self-aligning ball bearing

Schaeffler ID:
0384371200030

Self-aligning ball bearing 13..-K-M, tapered
bore taper 1:12, solid brass cage

★ Preferred product

Technical information



Main Dimensions & Performance Data

d	75 mm	Bore diameter
D	160 mm	Outside diameter
B	37 mm	Width
r _{min}	2,1 mm	Minimum chamfer dimension
C _r	80.000 N	Basic dynamic load rating, radial
C _{0r}	30.000 N	Basic static load rating, radial
C _{ur}	1.740 N	Fatigue load limit, radial
n _G	6.700 1/min	Limiting speed
n _{gr}	4.750 1/min	Reference speed
	3,6 kg	Weight

Dimensions

D ₁	134,8 mm	Shoulder diameter outer ring
d ₁	104,8 mm	Shoulder diameter inner ring

Mounting dimensions

d _{a min}	87 mm	Minimum diameter shaft shoulder
d _{a max}	100 mm	Maximum diameter shaft shoulder
D _{a max}	148 mm	Maximum diameter of housing shoulder
d _{b min}	80 mm	Minimum cavity diameter of the sleeve
B _{a min}	5 mm	Minimum cavity width of the sleeve
r _{a max}	2,1 mm	Maximum fillet radius

Temperature range

e	0,23	Limiting value of Fa/Fr for the applicability of diff. Values of factors X and Y
T _{min}	-30 °C	Operating temperature min.
Y ₁	2,78	Dynamic axial load factor
T _{max}	150 °C	Operating temperature max.
Y ₂	4,3	Dynamic axial load factor
Y ₀	2,91	Static axial load factor

Additional information

H315	Adapter sleeve
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